



AGENDA MEMORANDUM

Public Works Department

City Council Regular Meeting Date: February 7, 2023

To: City Council
From: David Schmitt, Interim Public Works Director
Scott Krawczuk, Deputy Public Works Director
Date: January 24, 2023

SUBJECT: Wulfert Wastewater Treatment Plant (WWTP) New Reclaimed Ground Storage Tank (GST)

BACKGROUND: The existing Wulfert WWTP reclaimed water storage tank was constructed in 1990, has a capacity of 528,000 gallons and stores reclaimed water. The tank is a proprietary glass-fused-to-steel design by Florida Aquastore. Today, the tank's primary function is to store reclaimed water produced by the Donax Wastewater Reclamation Facility along with the Sanctuary Golf Course's well water. This tank is the sole source of irrigation storage for the Sanctuary Golf Course.

The Florida Aquastore tank is beyond the recommended lifespan for a metal tank. Repairs have become larger in scope and more numerous. Further, because of the open tank design cleaning of the tank is required on a routine basis. Whenever this tank is out of operation the Sanctuary risks not being able to adequately irrigate the grass on their golf course. A new 500,000 gallon (minimum) reclaimed water storage tank is proposed to be installed on the Wulfert property in addition to the existing tank. This will allow City staff to take either tank out of operation for repairs or cleaning and not affect the irrigation schedule of the Sanctuary Golf Course. The new tank will also provide for much needed additional storage space for reclaimed water especially during the wet season until the existing tank must be taken out of service.

Tetra Tech, Inc. has a Professional Services Agreement with the City entered into on October 3, 2022, that is valid for five years through October 2, 2027. The design of the tank has been completed and the current proposal (see attached) is for bidding, construction observation services and construction closeout services.

FUNDING SOURCE: Funding is available in the adopted FY2023 Sewer System Capital budget for these services in the amount of \$1,266,628. This amount includes a DEP grant in the amount of \$400,000 for the construction of the tank.

RECOMMENDATION: Staff recommends that City Council approve the proposal submitted by Tetra Tech, Inc. for bidding, construction observation services and construction closeout services in the amount of \$168,820.

Sanibel is and shall remain a barrier island sanctuary