



CITY COMMISSION STAFF REPORT

DEPARTMENT: Utilities

DATE: February 25, 2025

SUBJECT: Motion to Approve and Authorize Task Order No. 2024-19 Injection Well Mechanical Integrity Testing and Re-permitting with Hazen and Sawyer at a total cost of \$131,541. - **Utilities**

CITY MANAGER RECOMMENDATION:

The City Manager recommends the Commission approve Task Order No. 2024-19 Injection Well Mechanical Integrity Testing and Re-permitting with Hazen and Sawyer Associates to prepare an operation permit renewal application and provide engineering services for the mandatory 5-year injection well mechanical testing.

BACKGROUND OF ITEM:

The City owns and operates a deep injection well at the Utilities Complex to dispose of treated wastewater and reject water from the City's membrane water treatment plant. The Florida Department of Environmental Protection (FDEP) regulates the injection well through an operating permit that must be renewed every five years. Additionally, the well must be tested to demonstrate that it has no leaks (mechanical integrity) every five years.

Both the permit renewal and mechanical integrity testing are due in 2026. The mechanical integrity testing (MIT) completion date for the injection well is June 28, 2026; however, the MIT may be completed any time before. The MIT FDEP plan approval, the process to procure the services of a qualified Licensed Water Well Contractor, and the execution of the testing work may require almost a year to complete.

The 5-year permit renewal application must be submitted no later than 60 days **before August 4, 2026**, and the application process may require more than 6 months to complete. Therefore, engineering services for both the MIT and permit renewal are included in this Task Order. The injection well is built into the deep saline Lower Florida Aquifer 3,900 feet below the land surface, confined and separated by thousands of feet from any underground drinking water sources. The injection well system is permitted under FDEP Underground Injection Control (UIC) Operation Permit 0153012-008-UO/1X. To date, the system has passed every mechanical integrity test.

ANALYSIS:

Considering the foregoing, staff recommends Commission approval and authorizing the execution of the subject Task Order.

PROCUREMENT:

Hazen and Sawyer are one of the three (3) consultants selected through the City's RFQ 2020-1-UTL and approved by the City Commission on June 8, 2021, after meeting the requirements of Florida Statute (FS) 287.055, commonly known as the Consultants' Competitive Negotiation Act (CCNA). Pursuant to FS 287.055(2) (g), a consultant selected through the CCNA process can be awarded a "continuing contract" for professional services where each study's amount is not to exceed \$500,000 without any additional competition.

FISCAL IMPACT:

The FY 2025 budget provides for \$75,000 for permit and integrity testing, however, this work will continue well into the FY 26 budget year, so we will budget the balance of the funds in next year budget. We intent to issue two purchase orders as part of this approval, the first purchase order would be for tasks one thru five and the second will be for the additional work.

<u>General Ledger Acct. Number</u>	<u>Budgeted Amount</u>	<u>Requested Amount</u>	<u>Remaining Amount</u>
450-931-531190-535 Professional Services – Misc.	\$95,000	\$75,000	\$20,000

ATTACHMENTS:

1. Task Order No. 2024-19