



Agenda Report

2725 Judge Fran Jamieson
Way
Viera, FL 32940

Consent

F.6.

8/3/2021

Subject:

Approval to Re-Advertise a Request for Proposals (RFP) for South Beaches Wastewater Treatment Facility (SBWWTF) Injection Well Rerating and MW-3 Repair

Fiscal Impact:

Funding for the SBWWTF Injection Well Rerating and MW-3 Repair is budgeted in the South Beaches Wastewater Plant Operations and Maintenance cost center. The current estimated cost of this evaluation and repair is \$500,000.

Dept/Office:

Central Services/Purchasing Services

Requested Action:

It is requested the Board of County Commissioners approve and:

1. Authorize the re-advertisement Request for Proposal for South Beaches Wastewater Treatment Facility Injection Well Rerating and MW-3 Repair;
2. Authorize the Chair to execute all resulting contracts, contract amendments, and contract extension, as needed, upon review and approval by the County Attorney's Office, Risk Management, and Purchasing Services; and
3. Authorize the County Manager to approve any necessary budget change requests.

Summary Explanation and Background:

The subject RFP was previously advertised in Nov 2020. Purchasing Services received one submission that was determined to be non-responsive.

The Brevard County Utility Services Department is seeking a qualified Contractor to repair Monitoring Well No. 3(MW-3) and perform a step injectivity test for the deep injection well (IW-1) at Brevard County's SBWWTF.

BCC-28 Policy, Pre-Qualification of Construction Bidders Prior to Award; as approved by the Board on December 8, 2020 will require the intended awardee to be pre-qualified before entering into a contract for the project.

SBWWTF currently operates a Class I injection system consisting of a deep injection well (IW-1) and two monitoring wells under FDEP UIC Permit No. 185898-004-UO/1M. The current system is permitted to dispose of non-hazardous, secondary treated domestic wastewater effluent from SBWWTF for a maximum disposal capacity of 9.0 million gallons per day (mgd). The injection well disposes of treated effluent through a 20-inch

diameter steel casing terminating at 2,080 feet below land surface (bls) with an open hole interval from 2,080 to 2,916 feet bls. The County would like to rerate the maximum disposal capacity to 12.7 million gallons per day (mgd). An injectivity test is necessary to permit the rerate through the Florida Department of Environmental Protection (FDEP). In addition, during the most recent Mechanical Integrity Test (MIT) in 2017, it was observed that Monitoring Well No. 3 (MW-3) was significantly corroded at the wellhead and the 6-inch casing above the pad level. MW-3 repair must be accomplished prior to conducting the injectivity test to rerate IW-1.

In order to have minimal wastewater flows, the scheduling of the injectivity test during the dry season will be sometime between December 2021 and January 2022 for this rerate. During this test, the moon phases will be considered in an attempt to capture the FDEP required two tidal cycles within approximately 24 hours.

Clerk to the Board Instructions:

Please return copy to Rose Lyons, Utility Services Department, 2725 Judge Fran Jamieson Way, Bldg. A-213, Viera, FL 32940



August 4, 2021

M E M O R A N D U M

TO: Steve Darling, Central Services Director

RE: Item F.6., Approval to Re-Advertise a Request for Proposal (RFP) for South Beaches Wastewater Treatment Facility (SBWWTF) Injection Well Rerating and MW-3 Repair

The Board of County Commissioners, in regular session on August 3, 2021, approved and authorized the re-advertisement RFP for SBWWTF Injection Well Rerating and MW-3 Repair; authorized the Chair to execute all resulting contracts, contracts amendments, and contract extensions as needed, upon review and approval by the County Attorney's Office, Risk Management, and Purchasing Services; and authorized the County Manager to approve any necessary Budget Change Requests.

Your continued cooperation is always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
RACHEL M. SADOFF, CLERK

Kimberly Powell, Clerk to the Board

/ns

cc: Budget
Finance