



Agenda Report

2725 Judge Fran Jamieson
Way
Viera, FL 32940

New Business - Add-On

8/06/2024

J.5.

Subject:

Approval for Partial Funding of Phase 2 Study for Port St. John Regional Wastewater Treatment Plant.

Fiscal Impact:

Utility Services will contribute up to \$1.717M from Utility Services fund to supplement the \$700,000 Military Installation Resilience (MIR) grant and an \$82,500 Florida Defense Infrastructure grant.

Dept/Office:

Utility Services

Requested Action:

~~It is requested that the Board~~ approve partial funding of the Phase 2 study for a proposed Port St. John Regional Wastewater Treatment Plant in the amount of \$1.717 million from the Utility Services Fund; authorize the County to pursue the Phase 2 study either in cooperation with the EDC as a sub-grant recipient, or as the primary MIR grant recipient; authorize the County Manager to execute any grant agreement(s) and amendment(s), upon County Attorney, Risk Management and Central Services review; and authorize the County Manager to execute and submit required budget change request (BCR), amend the five-year Capital Improvements Plan (CIP) as it relates to this project, and any documents, reimbursement requests, amendments, or other administrative actions necessary to leverage the MIR grant funding.

Summary Explanation and Background:

In 2022, the Economic Development Commission (EDC) of Florida's Space Coast obtained a state grant to analyze options to address the limited wastewater treatment plant capacity at the Cape Canaveral Space Force Station (CCSFS). All wastewater generated at the NASA and CCSFS federal property is being treated and disposed of at the CCSFS wastewater treatment plant. As private investment at the NASA property is occurring, it is resulting in the wastewater treatment capacity being minimized. The purpose of the grant the EDC received was to explore high level options of how to address the need for additional wastewater treatment capacity to serve the above-mentioned federal property.

The Black & Veatch report dated June 28, 2023, discussed alternatives to address the need for additional wastewater treatment capacity. The report concluded that the option to divert flow for CCSFS WWTP to a new treatment plant facility in the Port St. John vicinity was the best option. This option addresses the criteria which the Department of Defense prioritizes in issuing MIR grants: environmental benefit, resiliency, and benefit for the CCSFS and its staff. The future wastewater treatment plant meets these criteria by utilizing Advanced Wastewater Treatment (AWT), being located on the mainland, and adding wastewater treatment capacity in the Port St. John area, which allows for the development of housing that can support the CCSFS.

The EDC applied for a Department of Defense (DoD) MIR grant to fund a Stage 2 level study to pursue the Port

St. John regional wastewater treatment plant facility. This study will be more detailed to identify obstacles that need to be addressed prior to pursuing a design phase. As part of this study, the grant includes shareholder opportunities to provide any adjacent utility to join in on the venture of inverting wastewater flow to a new wastewater treatment facility. For the DoD to contribute for future funds associated with the design and construction of the identified project, it is preferred by the DoD to have a Stage 2 study completed.

The estimate for this study is anticipated to be approximately \$2.5M. The MIR grant will fund \$700,000, a state grant received by the EDC the Florida Defense Infrastructure Grant program will fund \$82,500, and the remaining \$1.717 million will be funded from Utility Services.

Clerk to the Board Instructions:

E-mail Clerk Memo to karina.perez@brevardfl.gov and mail original Memo to Utility Services Department.



Kimberly Powell, Clerk to the Board, 400 South Street • P.O. Box 999, Titusville, Florida 32781-0999

Telephone: (321) 637-2001
Fax: (321) 264-6972
Kimberly.Powell@brevardclerk.us

August 7, 2024

M E M O R A N D U M

TO: Edward Fontanin, Utility Services Director

RE: Item J.5., Approval for Partial Funding of Phase 2 Study for Port St. John Regional Wastewater Treatment Plant

The Board of County Commissioners, in regular session on August 6, 2024, approved partial funding of the Phase 2 study for a proposed Port St. John Regional Wastewater Treatment Plant in the amount of \$1.717 million from the Utility Services Fund; authorized the County to pursue the Phase 2 study either in cooperation with the Economic Development Commission of Florida's Space Coast (EDC) as a sub-grant recipient, or as the primary Military Installation Resilience (MIR) grant recipient; authorized the County Manager to execute any grant agreement(s) and amendment(s), upon County Attorney, Risk Management, and Central Services review; and authorized the County Manager to execute and submit required Budget Change Request (BCR), amend the five-year Capital Improvements Plan (CIP) as it relates to this project, and any documents, reimbursement requests, amendments or other administrative actions necessary to leverage the MIR grant funding.

Your continued cooperation is always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
RACHEL M. SADOFF, CLERK

Kimberly Powell, Clerk to the Board

/kl

cc: County Manager
Finance
Budget