



Interoffice Memorandum

October 20, 2022

To: Mayor Jerry L. Demings
-AND-
County Commissioners

From: Carrie Mathes, CFCM, NIGP-CPP, CPPO, C.P.M., Manager II,
Procurement Division

Contact: Troy Layton, P.E., Manager II, Utilities Field Services Division
407-254-9880

Subject: Ratification of Purchase Order M108856, Emergency Gravity Main
Replacement at South Water Reclamation Facility

ACTION REQUESTED:

Ratification of Purchase Order M108856, Emergency Gravity Main Replacement at South Water Reclamation Facility, with Prime Construction Group Inc, in the not-to-exceed amount of \$3,500,000.

PROCUREMENT:

The project provides for the emergency gravity main and pipe replacement at the South Water Reclamation Facility.

FUNDING:

Funding is available in account number 4420-038-1347-3843.

APPROVALS:

The Utilities Field Services Division concurs with this recommendation.

REMARKS:

Orange County Utilities (OCU) has a wastewater gravity main that has collapsed at the influent structure of the South Water Reclamation Facility. The replacement of the gravity main will require specialized shoring due to the proximity of the utilities and perimeter wall. The replacement of the pipe and manhole structure will require all the flow to the facility to be bypassed. OCU is not capable of making this replacement. The area requires to be stabilized before the gravity line suffers a catastrophic failure that could cause a blockage of the gravity line to the influent structure or undermine the existing gas main.

The project will include the bypass of the plant inflow. When this is completed and the flow is re-routed, the manhole structure and pipe will be replaced. In addition, the Contractor will line other metallic pipes utilizing a cast in place pipe. The cost of the

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South Water Reclamation Facility

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Project is an estimate based on working with bypass piping, complexities due to the work location, and the possibility of other unknown conditions.

Failure was caused by corrosion and additional failures. It was critical to expedite this repair due to the safety issues of the existing failure, possible fines due to sanitary sewer overflow, and risk of damage worsening. Failure to have this work performed immediately would result in safety risk to the public, environment, and additional costs to the County. Therefore, this project was procured via emergency procedures.

The purchase order was issued to Prime Construction Group Inc., a full-service contractor that has successfully performed similar projects with OCU. They have experience working with these conditions and performing the necessary bypass piping and complexities due to the work location. Pricing for these services will be based on times and materials, to be negotiated by the County.