



## Interoffice Memorandum

DATE: April 11, 2024

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

 FROM:

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SUBJECT: Ratification of Purchase Order M114561, Emergency Rouse Road and State Road 50 Wastewater Force Main Repair

### ACTION REQUESTED:

Ratification of Purchase Order M114561, Emergency Rouse Road and State Road 50 Wastewater Force Main Repair, with R.P. Utility & Excavation Corp., in the total estimated amount of \$2,500,000.

### PROCUREMENT:

The purchase order provides for the emergency replacement of approximately 200 linear feet wastewater force main located along Rouse Road immediately south of State Road 50 (Colonial Drive). This will include specialized shoring, maintenance of traffic, and bypass of the wastewater to the master pump station. This project is located in District 4.

### 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 transmission wastewater force main in the east service area that has failed. The location is along Rouse Road near State Road 50. This request is a result of a failure on the pipe. The main has temporarily been repaired but permanent repair is required to fully operate the collection system in this area. OCU staff do not have the resources to be able to bypass the pipe in this area to make the necessary improvements.

Approximately 200 linear feet of pipe needs to be installed using methods of construction not available to OCU staff. This will include line stops to bypass flow and tapping machines on large diameter pipes. Bypass piping is required because the new main will be installed in the same location as the existing. The failures are caused by corrosion, and it is possible additional failures will occur before a solicitation and award can be made to a contractor. R.P. Utility & Excavation Corp. is a full-service underground contractor that has performed many successful projects with R.P. Utility & Excavation Corp. has provided competitive pricing on previous OCU projects and is trusted to work with our staff to understand the complexities and urgency to complete this project expeditiously. They have many contacts throughout the industry to solicit parts and materials for this project. R.P. Utility & Excavation Corp. has experience working on OCU projects and has the means to start work immediately. They have experience working with these conditions and performing the necessary taps on the pipe in order to achieve the flow control needed to repair the main.

The cost of the project is an estimate based on the complexities due to the work location and the possibility of other unknown conditions. R.P. Utility & Excavation Corp. has suppliers identified to source the materials needed to make the repair and will place the order for parts once the purchase order is created. Due to the lead times of parts and materials, it is imperative the materials are ordered promptly. Pricing for these services will be based on time and materials, which will be negotiated by the County.