




MEMORANDUM

Date: January 11, 2024

To: Honorable Mayor and Commissioners

Via: Albert P. Childress
City Manager 

From: Kelly M. Crowe, P.E.
Utilities Director

Subject: **Approve Additional Scope of Work from Operations Management International, Inc. (OMI) to Remove and Replace the Ultraviolet Disinfection System (UVDS) at the Richard A Heyman Environmental Pollution Control Facility (WWTP) in the Amount of \$317,168.00 and Authorize Any Necessary Budget Transfers.**

Introduction

The Utilities Department recommends approving the additional out of scope proposal from Operations Management International, Inc. (OMI) in the amount of \$317,168.00 to remove and replace the Ultraviolet Disinfection System (UVDS). This resolution will authorize the City Manager to execute any necessary documents upon consent of the City Attorney and approve any necessary budget transfers.

Background

The City of Key West (City) owns the Richard A. Heyman Wastewater Treatment Plant (WWTP) on Fleming Key as well as the sanitary sewer collection system throughout the City of Key West. The City contracts with Operations Management International, Inc. (OMI) for the operations and maintenance of the sanitary sewer system and WWTP.

The WWTP facility is operated under Wastewater Permit No. FLA147222 and ultimately discharges to two (2) Class V underground injection wells permitted through FDEP under permit numbers 327710-001-UO/5W and 327710-002-UO/5W that discharges to Class G-III ground water. Prior to discharging to the Class V injection wells, the effluent undergoes UV disinfection to ensure the effluent is treated to be within the limits prescribed in the permit.

The existing UVDS was installed in 2006 and is nearing the end of its useful life. Per Resolution 23-043, the City Commission authorized the purchase of a new UVDS system from Trojan Technologies. Staff

subsequently placed the order for the system and it is expected to be delivered by the end of 2023. Installation of the new UVDS system will satisfy the required measures stated in Section 5(A) of Consent Order OGC 21-0581 by completely replacing the system. The system is expected to have a 15 year useful life if maintained properly.

To facilitate installation of the UVDS system, staff approached OMI to inquire if their in-house staff was capable of performing the work. OMI indicated they were able; however, per the contract for operations and maintenance services at RAHEPF, this work is out of scope and considered an additional service. The contract allows for out-of-scope work to be performed as an additional service per Section 3.2.5 of the contract. OMI issued a scope and fee proposal for the additional work to install the UVDS system in the amount of \$317,168.00.

Procurement

The City of Key West entered into a contract agreement with OMI that was authorized per Resolution 13-304 and renewed per Resolution 18-366. The contract allows for additional services that are out of scope to be provided. OMI has the staff to accomplish the work in order to complete the project.

Funds are currently budgeted in Account 401-3503-535-6500, Project #SE35032302 for the both the procurement and installation costs. There is sufficient funding to cover the proposed cost of \$317,168.00.

Recommendation

The City Manager's Office recommends approving the additional out of scope proposal from Operations Management International, Inc. (OMI) in the amount of \$317,168.00 to remove and replace the Ultraviolet Disinfection System (UVDS). This resolution will authorize the City Manager to execute any necessary documents upon consent of the City Attorney and approve any necessary budget transfers.