



MEMORANDUM

Date: August 8, 2024

To: Honorable Mayor and Commissioners

Via: Todd Stoughton
Interim City Manager

From: Christina Bervaldi
Finance Director

Subject: **File ID 24-6137 Approving the attached "Amendment No. 2 to Agreement No. LPA0246"**

Introduction

The City Manager's Office requests approval of the attached "Amendment No. 2 to Agreement No. LPA0246" between the Florida Department of Environmental Protection (FDEP) and the City of Key West to increase funding by an additional \$900,000.00 bringing the total funding amount to \$2,500,000.00 and to change the Date of Expiration to April 30, 2027 and Task End Date to October 31, 2026 for the construction of Key West Treatment Plant Solids Dewatering Upgrades Project. Authorizing the City Manager to execute the necessary documents and authorizing any necessary budget amendments or adjustments.

Background

Funding for this agreement, initially approved by the City Commission with Resolution 22-007 on January 4, 2022, is through the Florida Keys Stewardship Act. The Stewardship Act, which was passed in 2016 by the Florida State Legislature and signed into law, expanded the types of water projects eligible for state funding authorizing use of funds for Mayfield Grant funding, once limited to wastewater, to include other critical water quality projects such as stormwater and canal restoration. To date, the City has been allocated all \$12 million in funding provided for in the Interlocal Agreement and Amendment to the Interlocal Agreement (Resolutions 13-067 and 13-235) for the Mayfield Grant and Florida Keys Stewardship Act. The City has been reimbursed \$5.3M with the remaining \$6.7M budgeted for current wastewater and stormwater projects.

Agreement No. LPA0246 for \$1.6 million currently has an April 30, 2025 Date of Expiration and a Task End Date of October 31, 2024 (Resolution 23-335, December 14, 2023). This project is still in the design phase. The funds will assist with the construction phase which includes: 1) the purchase and installation

of two new filter belt presses to replace the filter belt presses that are original to the 34-year-old Richard A. Heyman Environmental Protection Facility; 2) sludge pumps; 3) polymer feed injection and mixing systems; 4) electrical control panels for motor starters, belt drives, programmable logic controllers, speed and flow indicators; 5) an upgrade to the electrical distribution power supply; and 6) construction of a sludge cake conveyance belt system.

Dewatered activated sludge may be conveniently and economically transported in trailer truck, where liquid activated sludge must be tanker truck transported, increasing the cost for transportation and risk of spillage. The use of a belt filter press is an efficient, low cost to operate and maintain, means of dewatering activated sludge and returning liquid to the treatment process, thereby preventing liquid wastewater from impacting nearshore waters, streams, and lakes.

Procurement

With the approval of Amendment No. 2, funding for the solids dewatering project will increase by an additional \$900,000.00 to be budgeted in Revenue Account 4010000-3343900 / SE35042006. Construction costs are budgeted in Expense Account 4013504-5356500 / SE35042006.

Recommendation

The City Manager's Office recommends the City Commission approve the attached "Amendment No. 2 to Agreement No. LPA0246" between the Florida Department of Environmental Protection (FDEP) and the City of Key West to increase funding by an additional \$900,000.00 bringing the total funding amount to \$2,500,000.00 and to change the Date of Expiration to April 30, 2027 and Task End Date to October 31, 2026 for the construction of Key West Treatment Plant Solids Dewatering Upgrades Project.