



## MEMORANDUM

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Date: August 8, 2024

To: Honorable Mayor and Commissioners

Via: Todd Stoughton  
Interim City Manager

From: Christina Bervaldi  
Finance Director

Subject: **File ID 24-6138 Approving the attached "State of Florida Department of Environmental Protection Standard Grant Agreement No. KG001"**

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### **Introduction**

The City Manager's Office requests approval of the attached "State of Florida Department of Environmental Protection Standard Grant Agreement No. KG001" in the amount of \$827,468.00 between the Florida Department of Environmental Protection (FDEP) and the City of Key West for the purchase and installation of a new Ultraviolet Disinfection System (UVDS) at the Wastewater Treatment Plant. Authorizing the City Manager to execute the necessary documents; authorizing approval and execution of subsequent amendments to this grant agreement which may adjust grant funding allocations to the City or modify the project scope and period of performance; and authorizing necessary budget amendments and transfers to accept the funding.

### **Background**

Funding for this agreement 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.

The UVDS project has been completed. KG001 will fully fund the purchase and installation of the new Ultraviolet Disinfection System (UVDS) approved with Resolution 23-043 for the purchase from Trojan

Technologies and Resolution 24-010 for the installation by Operations Management International (OMI). The current UVDS has reached its useful life and needs replacement. The UVDS process is the final step in treatment of wastewater before it is discharged into deep injection wells. The existing UVDS has required frequent repairs and replacement of UV bulbs to avoid effluent exceedances outline in the operating permit. The new and reliable UVDS will ensure continued effective operations at the WWTP.

### **Procurement**

With the approval of KG001, the City will receive a maximum of \$827,468.00 for the purchase and installation of the UVDS budgeted in Revenue Account 4010000-3343900 / SE35032302. Construction costs are budgeted in Expense Account 4013503-5356500 / SE35032302.

### **Recommendation**

The City Manager's Office recommends the City Commission approve the attached "State of Florida Department of Environmental Protection Standard Grant Agreement No. KG001" in the amount of \$827,468.00 between the Florida Department of Environmental Protection (FDEP) and the City of Key West for the purchase and installation of a new Ultraviolet Disinfection System (UVDS) at the Wastewater Treatment Plant.