




## MEMORANDUM

---

Date: May 9, 2024

To: Honorable Mayor and Commissioners

Via: Albert P. Childress   
City Manager

From: Matt Willman  
Interim Utilities Director

Subject: **24-5706 Procurement of Smoke Testing and Manhole Inflow Investigation Services from USSI, LLC, in an Amount Not to Exceed \$85,005.92, by Pursuant to City of Key West Code of Ordinances Section 2-797(3) for Purchases Under a Government Contract Between USSI, LLC and Toho Water Authority Bid IFB-20-076 Inflow Abatement Services; and Approval of Budget Transfer Within the Sewer Fund, in the Amount of \$85,005.92.**

---

### Introduction

Staff recommends the Mayor and City Commission approve procurement of inflow investigation services, consisting of smoke testing and manhole investigations for Sewer District B, Sewer District D, Sewer District H, and the county-owned section of Flagler Avenue, pursuant to Code of Ordinances Section 2-797(3) for purchases and acquisitions under government contracts.

USSI, LLC provided a proposal in response to Toho Water Authority Invitation for Bid IFB-20-076 In-flow Abatement Services, and entered into an agreement that was amended and restated through May 12, 2025. The inflow abatement services agreement includes bid pricing for smoke testing, report preparation, gravity system infiltration investigation, and general requirements.

### Background

Twenty years have elapsed since the testing and repair of the sanitary sewer collection system to replace leaking gravity mains and service laterals, and repair deteriorated manholes. Wastewater flow to the treatment facility has been steadily increasing since completion of the rehab system

projects. Exceptionally high flows are experienced during king tide events, which is an indication that groundwater infiltration is occurring. The operation and maintenance of the sanitary sewer collection system is a City of Key West responsibility.

Inspection and evaluation of the condition of the sanitary sewer collection system is necessary to identify and reduce infiltration and inflow, which is a corrective action requirement of the State of Florida Department of Environmental Protection Consent Order, OGC File No. 21-0581.

### **Procurement**

Procurement of inflow investigation services will be in accordance with the City of Key West Code of Ordinances Section 2-796 for purchases of contractual services that exceed \$50,000.00 to be awarded by the city commission, and pursuant to Sections 2-797(3) and 2-797(4)(b), for the purchase of products and services under a government contract between USSI, LLC and Toho Water Authority that is in the best interests of the city, because the city is under a consent order with the Florida Department of Environmental Protection to immediately investigate sources of groundwater infiltration into the sanitary sewer system. Repairs must be undertaken, as soon as possible.

A budget transfer from sewer fund will be necessary. \$85,005.92 will be transferred from sewer fund 401-3501-535-9900 Other Uses to sewer fund renewal and replacement 4013503 5354600 repairs and maintenance. Budget transfer is necessary to smoke test the gravity main lines and investigate inflow into the system.

### **Recommendation**

The City Manager's Office recommends the Mayor and City Commission approve the purchase of infiltration and inflow investigation services, from USSI, LLC, in an amount not to exceed \$85,005.92; and authorize the necessary budget transfer of \$85,005.92.