



THE CITY OF KEY WEST

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EXECUTIVE SUMMARY

TO: Patti McLaughlin, Interim City Manager
Todd Stoughton, Interim Asst. City Manager

FROM: John Paul Castro, Utilities Director

DATE: April 19th, 2021

SUBJECT: Purchase and Install of 450 Sewer Manhole “Inflow Defender” Rain Pans from USSI, LLC Pursuant to Code of Ordinances Section 2-797 (1) Sole Source Procurement, and 2-844 Brand Name

Action Statement:

This is a request to approve the purchase and install 450 sewer manhole rain pans (Inflow Defender) from USSI, LLC on a sole source basis pursuant to code 2-797 (1) and 2-844 in the amount of \$76,747.50

Background:

The city of key west has used rain pans that line underneath sewer manhole covers for years. The purpose of the pan is to keep rain water from going into the wastewater system that then needs to be pumped and treated. Inflow causes significant problems to the collection system and is costly.

The rain pans the city has used previously are made from metal. The ring that goes under the manhole cover gets compressed flat and cut after years of vehicle weight. They corrode due to wastewater gases and salt exposure. They often fail due to corrosion or the lips breaking from being cut.

Purpose and Justification:

The city has tried multiple rain pans in the past. In 2019 the city purchased a test rain pan from USSI, LLC. The USSI rain pan is the only heavy-duty thermoplastic on the market. It is thicker than other HDPE rain pans and much more resistant to corrosion than metal pans.

Other rain pans have handles that are drilled through the pan. This is always a failure point on the product as the handle usually breaks leaving a hole in the pan making the product useless.

Key to the Caribbean – Average yearly temperature 77° F.

MEMORANDUM

The USSI pan has the handle built into the pan so there are no penetrations in the body.

All of these design features make the USSI, LLC rain pan the only product to meet the needs of the City. City staff has compared the price of the product to other rain pans and the cost of the product plus OMI time to install and find the cost fair and reasonable.

Financial Impact:

The funds for project will come from Sewer/Renewal and Replacement/repairs and maintenance line item for miscellaneous sewer repairs, account 401-3503-535-4600.

Recommendation:

Staff recommends approving the sole source brand name purchase and install of USSI, LLC Inflow Defender rain pans in the amount of \$76,747.50.