



## THE CITY OF KEY WEST

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MEMORANDUM

**TO:** Jim Scholl, City Manager  
**CC:** Greg Veliz, Assistant City Manager  
**FROM:** John Paul Castro, Utilities Director  
**DATE:** May 4, 2018

**SUBJECT: Requesting Approval to Purchase 50 Aluminum Curb Inlet Filters from SOP Technologies International in the Amount of \$36,607.80**

**Action Statement:**

Staff is requesting approval to purchase 50 curb inlet filters for type 5 and 6 inlets for the stormwater drainage system from SOP Technologies International in the amount of \$36,607.80 pursuant to code of ordinances 2-797(4).

**Background:**

The patented filters prevent debris such as leaves, trash, and other pollution from entering into the drainage system of stormwater.

It is in the best interest of the city to purchase these filters from SOP Technologies International (SOP). Staff have tested filters from two companies, Suntree and SOP. The SOP product is much stronger and better built. They are comparable in price to the Suntree product that quoted \$750.00 per unit. No other comparable products exist to staffs knowledge after lengthy research.

City staff has currently installed 36 SOP inlet filters over the past 2 years. The filters have been effective at keeping debris out as intended and have had no mechanical or corrosion issues to date. The first phase of filters was installed on Duval Street storm inlets and has keep all cups and bottles from entering the system as well as allowing City street sweepers to go along the curb and collect debris that would usually go into the system.

**Purpose and Justification:**

The filters are being installed at stormwater inlets that catch heavy debris. The new order will be installed at inlets that get heavy foliage from surrounding trees. These filters keep the drains, wells, and outfalls much cleaner.

Staff would like to purchase these filters pursuant to City code of ordinances 2-797 (4), best interest of the City, where exceptional circumstances exist due to low *Key to the Caribbean - Average yearly temperature 77° F.*

elevations within the City requiring stormwater drainage that get obstructed by foliage.

Purchasing from SOP will maintain consistency in parts and maintenance for all curb inlet filters.

**Financial Impact:**

Funds for the purchase and installation of filters will come from account 402-3802-538-4600. \$50,000 was budgeted in FY17/18 for this project.

**Recommendation:**

Staff recommends approval of the 50 additional inlet filters in the amount of \$36,607.80 from SOP Technologies International.