



## THE CITY OF KEY WEST

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**TO:** James Scholl, City Manager  
**FROM:** John Paul Castro, Utilities Director  
**CC:** Greg Veliz, Assistant City Manager

**DATE:** October 17, 2018

**SUBJECT:** Approving the Purchase of a Vactor Combination Sewer Cleaning/Vacuuming Machine from Environmental Products of Florida through Sourcewell (formerly NJPA) contract #122017-FSC

### ACTION STATEMENT:

This resolution will approve the purchase of a Vactor combination sewer cleaning (CSC) model 2100 PLUS vehicle from Environmental Products of Florida, Pursuant to Code of Ordinances 2-797 (3) on the Sourcewell (formerly NJPA) Cooperative Purchasing competitively bid contract #122017-FSC, City of Key West member number 58115, in the amountt of \$336,429.21, which includes a \$50,000.00 trade allowance for two City owned Vactor vehicles.

### BACKGROUND:

Three combination sewer cleaning vehicles are employed daily to maintain the sanitary sewer and stormwater collection systems, consisting of over 58 miles of sanitary sewer and force main, 24 sewage pump stations, 130 stormwater gravity injection wells, stormwater pump assist wells, and over 10,000 linear feet of stormwater pipeline. On an annual basis, sanitary sewer and stormwater collection systems undergo a comprehensive jet cleaning and inspection program. CSC vehicle is the most critical component necessary to respond to emergency wastewater spills, clear pipeline blockages, facilitate inspections, and effectively perform maintenance and emergency repairs to sewer and stormwater collection system infrastructure.

### PURPOSE & JUSTIFICATION:

Two combination sewer cleaning vehicles are needed to perform scheduled pipeline system jet cleaning and vacuum evacuating for stormwater injection well and baffle box debris removal, and sanitary sewer maintenance and service requirements. A third CSC vehicle has been kept as needed to respond to emergency operations, special projects, and to serve as a backup unit while other vehicles are being serviced.

Currently, the city has only two working CSC vehicles in operation. The older model, out-of-service CSC vehicle has exceeded the useful ten-year life expectancy and will be traded-in toward the purchase of a new CSC vehicle.

City staff has decided to trade the 2 oldest Vactor trucks for the purchase of the 2019 model. Historically staff has ran on a 5-year purchase timeline with the oldest truck being 10 years old being traded. The oldest truck is usually out of service often and high maintenance passed 5 to 7

MEMORANDUM

year of use due to the extreme corrosive nature of sewer gases and salt water. Staff has decided to trade the 2 oldest and keep only 2 working vactors that will be newer, less maintenance on mechanic staff, and traded more frequently.

This procurement is authorized according to City of Key West Code of Ordinances Sec. 2-797(3), purchases and acquisitions under contracts of federal government and the state or its political subdivisions through Sourcewell cooperative purchasing and Code of Ordinances Sec. 2-797(1) Sole Source Procurement specifically for Vactor CSC chosen by the Utilities department for reliability, specific functionality, and maintaining a fleet of like vehicles for consistency and redundancy of parts.

In the State of Florida, Environmental Products of Florida is the sole source vendor for new Vactor combination sewer cleaning vehicles and the local area distributor for factory-authorized parts and service.

#### **OPTIONS:**

1. The City Commission could approve purchase of a new Vactor 2100 Plus CSC vehicle via the Sourcewell (formerly NJPA) competitively bid contract #122017-FSC, in the amount of \$336,429.21. Enabling continued compliance with the MS4 permit requirement to maintain the stormwater collection system and injection wells, and the Richard A. Heyman Environmental Protection Facility permit requirement to prevent wastewater spills and exclude stormwater from the sanitary sewer system. Additionally, the purchase of a Vactor model will reduce spare part inventory supplies and maintain a single supplier for critical parts.
2. The City Commission could task staff to generate and issue a request for sealed bids on a replacement vehicle that meets or exceeds specifications. However, this option is not recommended due to cost and time factor associated with invitation to bid process. Cost savings are achieved by piggybacking on the Sourcewell competitive bid.
3. The City Commission could elect to not approve the purchase of a new or used CSC vehicle, which would result in a decrease in routine maintenance cycles, causing increased difficulties in the operation of the sanitary sewer and stormwater collection systems, reduced efficiency of the stormwater drainage wells, and possible increased repair costs and inconvenience to residents, business owners, and visitors.

#### **FINANCIAL IMPACT:**

Purchase of a new CSC vehicle is an approved budget item under FY 2019 capital purchase. Cost of the piggyback competitive bid CSC vehicle is \$398,380.63, which is less than the budgeted \$400,000.00 in Utilities/Sewer/Machinery and Equipment account number 401-3503-535-6400. The cost to purchase the CSC vehicle will be \$336,429.21, after deduction for trade in allowance for two used CSC vehicles.

#### **RECOMMENDATION:**

City Staff recommends the City Commission select Option 1; approve the purchase of one 2019 Vactor model 2100 CSC vehicle, pursuant to Code of Ordinances 2-797 (3) through the Sourcewell competitive bid contract #122017-FSC – 12 cubic yard combination sewer cleaning/vacuuming machine, in the amount of \$336,429.21.