



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
Sarah Spurlock, Assistant City Manager
DATE: March 18, 2015

SUBJECT: **Procurement Approval for one Combination Sewer Cleaning/Vacuuming Machine from Environmental Products of Florida, in the Amount of \$326,060.00, through Piggyback on Florida Sheriffs Association & Florida Association of Counties Contract #14-12-0904, Specification #047.**

ACTION STATEMENT:

This resolution will approve the purchase of a Vactor combination sewer cleaning vehicle (CSC) from Environmental Products of Florida, as a piggyback on the Florida Sheriffs Association & Florida Association of Counties competitively bid contract #14-12-0904, Specification #047 – 10 cubic yard combination sewer cleaning/vacuuming machine, in the amount of \$326,060.00, which includes a \$40,000.00 trade allowance for the out-of-service CSC vehicle.

This procurement is authorized according to City of Key West Code of Ordinances Sec. 2-797(1), sole-source procurement for a brand name item and source, provided the commodity specified will satisfy the city's needs, and only one source can supply the requirement.

STRATEGIC PLAN:

Key West Strategic Plan 2011 Infrastructure Goal #1 to provide a natural environment that enhances the "Key West experience" is ensured by the purchase of a CSC vehicle, to be used for maintenance and emergency repairs of the sanitary sewer and stormwater management systems, thereby meeting the objective to protect and monitor our local environment.

BACKGROUND:

Two combination sewer cleaning vehicles are employed on a daily basis, 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:

Three 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 is needed to respond

MEMORANDUM

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.

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

The purchasing agent has conducted a good faith review and considers the price fair and reasonable (Purchasing Agent Confirmation attached).

OPTIONS:

1. The City Commission could approve purchase of a new Vactor 2100 Plus CSC vehicle via piggyback on the Florida Sheriffs Association & Florida Association of Counties competitively bid contract #14-12-0904, Specification #047, in the amount of \$326,060.00. 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 opt to purchase a used CSC vehicle, which would have numerous disadvantages. Life expectancy of a CSC vehicle is relatively short compared with other service vehicles, even under ideal service conditions. Saltwater environment increases wear and tear on mechanical and electrical components. No guarantees are given that a pre-owned CSC vehicle will have been maintained properly. Premature mechanical failure with ongoing repair costs will be among the risks associated with purchase of pre-owned equipment.
3. The City Commission could 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 Florida Sheriffs Association & Florida Association of Counties competitive bid.
4. 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 2015 capital purchase. Cost of the piggyback competitive bid CSC vehicle is \$366,060.00, which is less than the budgeted amount in account number 401-3504-535-64. The cost to purchase the CSC vehicle will be \$326,060.00, after deduction for trade in allowance for one used CSC vehicle.

RECOMMENDATION:

City Staff recommends the City Commission select Option 1; approve the purchase of one 2015 Vactor model 2100 PLUS CSC vehicle, through a piggyback on the Florida Sheriff's Association & Florida Association of Counties competitive bid contract #14-12-0904, Specification #047 – 10 cubic yard combination sewer cleaning/vacuuming machine, in the amount of \$326,060.00.