



THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

MEMORANDUM

TO: Jim Scholl, City Manager
CC: Sarah Spurlock, Assistant City Manager
Greg Veliz, Assistant City Manager
FROM: John Paul Castro, Utilities Director
DATE: July 17, 2015

SUBJECT: Awarding the Bid for Construction of the VFD Upgrades to Wastewater Pump Stations A, B, C, D, and DA, Project No. SE-1301, to Charley Toppino & Sons, Inc., in the amount of \$4,022,894.40; Authorizing Sewer Fund Reserves Budget Transfer for Construction and CEI Services Payments.

ACTION STATEMENT:

This resolution will approve award of the VFD Upgrades to Wastewater Pump Stations A, B, C, D, and DA to Charley Toppino & Sons, Inc., in the total amount of \$4,022,894.40, including \$3,962,090.00 lump sum with additive alternates totaling \$60,804.40.

BACKGROUND:

Scope of work at pump stations A, B, C, D, and DA consists of construction of an electrical building on raised platform, for installation of variable frequency drive (VFD) on each sewage pump, upgrade of station telecommunication controller & data acquisition system (SCADA), site modifications, electrical and instrumentation improvements.

In response to ITB 15-014, two bids were received and opened on May 13, 2015. Both bids were determined to be responsive to the Invitation to Bid. Unforeseen contingency, permit, Keys Energy Services, and landscape allowances are included in lump sum base bid. Summary of the bids received are as follows:

	Charley Toppino & Sons	D.N. Higgins
Lump Sum Bid	\$3,962,090.00	\$4,034,900.00
Additive Alternate 1	\$18,942.00	\$32,000.00
Additive Alternate 2	\$1,000.00	\$23,000.00
Additive Alternate 3	\$16,742.40	\$27,000.00
Additive Alternate 4	\$24,120.00	\$44,000.00
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	\$4,022,894.00	\$4,160,900.00

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

PURPOSE & JUSTIFICATION:

Pump performance evaluations conducted by CH2M Hill determined sewage pumps at stations A, B, C, D, and DA are operating inefficiently, resulting in high consumption of electricity, excessive number of pump starts, and increased wear on parts. This project proposes to install VFD pump starters and controllers on the pumps to reduce power used during pump start-up and adjust pump speed to suit sewage flow conditions.

FINANCIAL IMPACT:

Bid price exceeds funds budgeted in account 401-3503-535-6500 for VFD Installation at Lift Stations A, B, C, D, and DA, SE1301. In the FY 14/15 budget, \$2,500,000 has been allocated for this project.

City staff proposes a budget transfer from sewer fund reserves, account number 401-3501-535-97, in the amount of \$1,622,894.40, for construction payments and construction engineering & inspection (CEI) services consultant fees. CEI Services consultant and contract fees to be determined by a task order and approved by a separate city commission resolution.

OPTIONS:

1. City Commission could approve award of the contract and authorize the City Manager to execute the contract with the low bidder, Charley Toppino & Sons, Inc., for VFD Upgrades to Wastewater Pump Stations A, B, C, D, and DA; authorize budget transfer for payment of construction costs and CEI services; and authorize the City Manager to execute a contract with the low bidder in conformity with the bid documents upon the advice and consent of the City Attorney.
2. The City Commission could elect to not approve award of the contract.

RECOMMENDATION:

City Staff recommends the City Commission select Option 1; approve award of the low bid, \$4,022,894.40 from Charley Toppino & Sons, Inc.; authorize budget transfer for payment of construction costs and CEI services; and authorize City Manager to execute contract with low bidder.