

ST. PETERSBURG CITY COUNCIL
Consent Agenda
Meeting of March 6, 2014

To: The Honorable William H. Dudley, Chair and Members of City Council

Subject: Awarding a contract to B.L. Smith Electric, Inc. in the amount of \$2,250,000 for the Southwest Water Reclamation Facility (SWWRF) Electrical Distribution Infrastructure project (SWWRF 12 kV Generator Load Replacement - Engineering Project No. 13036-111; Oracle No.12970); rescinding unencumbered appropriations in the Water Resources Capital Projects Fund (4003) in the amount of \$1,000,000 from the Sanitary Sewer Collection System FY14 Project (14166) and \$573,000 from the LST #85 AW Master FY13 Project (13819); approving a supplemental appropriation in the amount of \$2,276,000 from the unappropriated balance of the Water Resources Capital Projects Fund (4003), partially resulting from these rescissions, to the WRF SW 12kV Loop Gen FY11/14 Project (12970); and providing an effective date.

Explanation: The Procurement Department received 3 bids for the SWWRF Electrical Distribution - 12kV Loop Generator Load Replacement Project (see below).

The work consists of furnishing all labor, material, supplies, services, and equipment necessary to construct a replacement three phase 12 kilovolt (kV) underground electrical distribution system for the SWWRF. Work includes construction of 6,200 Linear Feet (LF) of concrete encased underground 12 kV duct bank with 9,500 LF of primary conductors, six reinforced concrete electrical manholes, connecting four existing main electrical distribution load centers and the existing emergency power generators G-1, G-2 and G-3.

Work includes construction of a riser pole connection to Duke power with fused cutouts and lightning arresters, a 3-phase (with ground) 12 kV primary underground distribution system, an underground concrete encased duct bank system between the riser pole and the new plant transformers; four pad mounted 12 kV - 480V step-down Vacuum Fault Interrupter (VFI) transformers, two pad mounted 12 kV switches, and one pad mounted 480V – 12 kV step-up VFI transformer, and one Spare pad mounted 12 kV - 480V step-down VFI transformer.

Work includes control network with two control panels housing programmable logic controllers with all required accessories and appurtenances required for a complete and operable system; five digital power metering panels, 7000 LF of transformer secondary power cabling to load centers, conduit, and electrical connections, disconnection of existing Duke Energy utility connections. Contractor will coordinate all work with Duke Energy to maintain plant operations and to ensure minimal disruption to plant operations during installation of replacement electrical distribution and secondary circuits to load centers.

The SWRF was originally constructed in the 1950's, and enlarged in the 1960's and 1970's with separate electrical power systems and backup power generators added with expansion projects. The purpose of the project is to interconnect the SWWRF's existing four separate electrical distribution systems with a single 12 kilovolt power distribution loop system, allowing the standby generators to supply the entire plant as needed. This project will also allow for future electrical peak shaving operations with installation of a planned Combined Heat and Power (CHP) Compressed Natural Gas (CNG) Generator. This future CHP-CNG generator will operate on renewable bio-gas, with enhanced methane production and gas cleaning available upon completion of the Biosolids to Energy Project.

The contractor will begin work approximately ten (10) days from Notice to Proceed and is scheduled to complete the work within three hundred thirty six (336) consecutive calendar days thereafter. Bids were opened on December 12, 2013 and are tabulated as follows:

<u>Bidder</u>	<u>Total</u>
B.L. Smith Electric, Inc. (Dundee, FL)	\$2,250,000
Lavandera Electric Co, Inc. (Tampa, FL)	\$2,470,629
Cogburn Bros., Inc. (Jacksonville, FL)	\$2,521,920

The lowest responsive and responsible bidder, B.L. Smith Electric, Inc., has met the specifications, terms and conditions for Bid No. 7566 dated October 17, 2013, and has satisfactorily performed similar work for Polk County, Hernando County and Tampa Bay Water. The Principals of the firm are David Smith, President, Billy L. Smith, CEO and Carolyn Sheek, Secretary.

Funding in the amount of \$1,000,000 is available for this project from the FY 14 Sanitary Sewer Collection Project, from the Lift Station #85 Construction Project in the amount of \$573,000, and from the FY14 Water Resources Bond in the amount of \$703,000, totaling \$2,276,000. This will fund the construction contract being awarded as well as construction inspection and project management costs associated with this project.

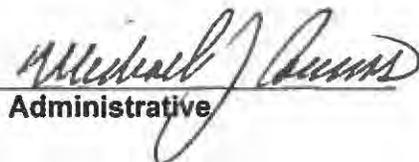
Recommendation: Administration recommends awarding this Contract to B.L. Smith Electric, Inc. in the amount of \$2,250,000; rescinding unencumbered appropriations in the Water Resources Capital Projects Fund (4003) in the amount of \$1,000,000 from the Sanitary Sewer Collection System FY14 Project (14166) and \$573,000 from the LST #85 AW Master FY13 Project (13819); approving a supplemental appropriation in the amount of \$2,276,000 from the unappropriated balance of the Water Resources Capital Projects Fund (4003), partially resulting from these rescissions, to the WRF SW 12kV Loop Gen FY11/14 Project (12970) and providing an effective date.

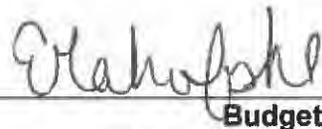
Cost/Funding/Assessment Information: Funds will be available after rescissions in the Water Resources Capital Projects Fund (4003) in the amount of \$1,000,000 from the Sanitary Sewer Collection System FY14 Project (14166) and \$573,000 from the LST #85 AW Master FY13 Project (13819) and a supplemental appropriation in the amount of \$2,276,000 from the unappropriated balance of the Water Resources Capital Projects Fund (4003), partially resulting from these rescissions, to the WRF SW 12kV Loop Gen FY11/14 Project (12970).

Attachments: Resolution

Approvals:




Administrative


Budget

A RESOLUTION ACCEPTING THE BID AND APPROVING THE AWARD OF AN AGREEMENT TO B.L. SMITH ELECTRIC, INC. FOR COMPLETION OF THE WRF SW 12KV LOOP GENERATOR FY11/14 PROJECT (PROJECT NO. 13036-111) AT A TOTAL COST NOT TO EXCEED \$2,250,000; AUTHORIZING THE MAYOR OR MAYOR'S DESIGNEE TO EXECUTE ALL DOCUMENTS NECESSARY TO EFFECTUATE THIS TRANSACTION; RESCINDING UNENCUMBERED APPROPRIATIONS IN THE WATER RESOURCES CAPITAL PROJECTS FUND (4003) IN THE AMOUNT OF \$1,000,000 FROM THE SANITARY SEWER COLLECTION SYSTEM FY14 PROJECT (14166) AND \$573,000 FROM THE LST #85 AW MATER FY13 PROJECT (13819); APPROVING A SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$2,276,000 FROM THE UNAPPROPRIATED BALANCE OF THE WATER RESOURCES CAPITAL PROJECTS FUND (4003), PARTIALLY RESULTING FROM THESE RESCISSIONS, TO THE WRF SW 12KV LOOP GEN FY11/14 PROJECT (12970); AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Procurement & Supply Management Department received three bids for the WRF SW 12kV Loop Generator FY11/14 Project (Project No. 13036-111) pursuant to Bid No. 7566 dated October 17, 2013; and

WHEREAS, B. L. Smith Electric, Inc. has met the requirements of Bid No. 7566; and

WHEREAS, the Administration recommends approval of this award.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of St. Petersburg, Florida that the bid is accepted and the award of an agreement to B. L. Smith Electric, Inc. for completion of the WRF SW 12kV Loop Generator FY11/14 Project (Project No. 13036-111) at a total cost not to exceed \$2,250,000 is hereby approved and the Mayor or Mayor's Designee is authorized to execute all documents necessary to effectuate this transaction; and

BE IT FURTHER RESOLVED that the unencumbered appropriations in the following Projects in the Water Resources Capital Projects Fund (4003) are hereby rescinded:

\$1,000,000 from the Sanitary Sewer Collection System FY14 (Project (14166) and \$573,000 from the LST #85 AW Master FY13 Project (13819); and

BE IT FURTHER RESOLVED that the following supplemental appropriation for Fiscal Year 2014 from the unappropriated balance of the Water Resources Capital Projects Fund (4003) resulting partially from these rescissions is hereby approved:

<u>Water Resources Capital Projects Fund (4003)</u>	
WRF SW 12kV Loop Gen FY11/14 Project (12970)	\$2,276,000

This Resolution shall become effective immediately upon its adoption.

Approved as to Form and Substance:



City Attorney (Designee)



Budget