

ST. PETERSBURG CITY COUNCIL

Meeting of February 2, 2017

Consent Agenda

TO: The Honorable Darden Rice, Chair, and Members of City Council

SUBJECT: A resolution authorizing the Mayor or his designee to execute Task Order No. 16-01-BC/W to the Architect/Engineering Agreement (“A/E”) between the City of St. Petersburg (“City”) and Brown and Caldwell (“B&C”) in an amount not to exceed \$179,474 for the Water Reclamation Facility Wet Weather Operability Improvement Plan Project (Engineering Project No. 17066-111; Oracle No. 15968); approving a supplemental appropriation in the amount of \$198,000 from the unappropriated balance of the Water Resources Capital Projects Fund (4003) to the WRF Wet Weather Op Improv FY17 Project (15968) to provide the necessary funding for Task Order 16-01-BC/W and other project related costs such as engineering services, contingency and other soft costs; and providing an effective date.

EXPLANATION: During the summer of 2016, the City’s three operating water reclamation facilities experienced high peak flows. Due to the sustained event, the peak flows continued for an extended period. The City, as part of Mayor Kriseman’s Infrastructure Plan, will develop a standard operating procedures for wet weather events.

On November 3, 2016, the City Council approved an Architect/Engineering Agreement with the professional consulting firm of Brown and Caldwell for engineering services related to Miscellaneous Professional Services to Potable Water, Wastewater and Reclaimed Water Projects.

The scope of work includes developing a wet weather operability plan that contains standard operating procedures (SOPs) for each of the three operating water reclamation facilities (SWWRF, NEWRF, and NWWRF) to prepare for wet weather events designed to reduce the potential for overflows. The SOPs will specifically define the necessary operating protocols (non-capital) to increase reliability and throughput at the plants.

B&C will perform a desktop review of existing SOP documents, emergency response plans and overflow post incident event reports for each of the three facilities, with the intent of characterizing current operating practices and protocols in place for responding to plant overflow in preparation of wet weather events, during wet weather events and after weather events have occurred. Plant operations workshops will be held at each facility to assess the appropriateness of existing protocols for several “what ifs” scenarios. Gaps in responses will be determined and SOPs will be developed to address these gaps. Based on the site assessments, existing practices reviews and plant inspections with WRF staff, wet weather operability improvement plans will be developed for each facility that defines the SOPs to be followed to prepare for upcoming wet weather, during a wet weather event and after the wet weather event.

Training recommendations will be developed for each facility to provide direction to the operations staff on the implementation of the wet weather operability plan.

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RECOMMENDATION: Administration recommends the Mayor or his designee to execute Task Order No. 16-01-BC/W to the Architect/Engineering Agreement ("A/E") between the City of St. Petersburg ("City") and Brown and Caldwell ("B&C") in an amount not to exceed \$179,474 for the Water Reclamation Facility Wet Weather Operability Improvement Plan Project (Engineering Project No. 17066-111; Oracle No. 15968); approving a supplemental appropriation in the amount of \$198,000 from the unappropriated balance of the Water Resources Capital Projects Fund (4003) to the WRF Wet Weather Op Improv FY17 Project (15968) to provide the necessary funding for Task Order 16-01-BC/W and other project related costs such as engineering services, contingency and other soft costs; and providing an effective date.

COST/FUNDING INFORMATION: Funds will be available after a supplemental appropriation in the amount of \$198,000 from the unappropriated balance of the Water Resources Capital Projects Fund (4003) to the WRF Wet Weather Op Improv FY17 Project (15968).

ATTACHMENTS: Resolution

APPROVALS:
cf

Brijesh Prasadman
Administrative
for Claude Tankersley.

Harry McKee
Budget

RESOLUTION NO. 2017-_____

A RESOLUTION AUTHORIZING THE MAYOR OR HIS DESIGNEE TO EXECUTE TASK ORDER NO. 16-01-BC/W TO THE ARCHITECT/ENGINEERING AGREEMENT ("A/E") BETWEEN THE CITY OF ST. PETERSBURG ("CITY") AND BROWN AND CALDWELL ("B&C") IN AN AMOUNT NOT TO EXCEED \$179,474 FOR THE WATER RECLAMATION FACILITY WET WEATHER OPERABILITY IMPROVEMENT PLAN PROJECT (ENGINEERING PROJECT NO. 17066-111; ORACLE NO. 15968); APPROVING A SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$198,000 FROM THE UNAPPROPRIATED BALANCE OF THE WATER RESOURCES CAPITAL PROJECTS FUND (4003) TO THE WRF WET WEATHER OP IMPROV FY17 PROJECT (15968) TO PROVIDE THE NECESSARY FUNDING FOR TASK ORDER 16-01-BC/W AND OTHER PROJECT RELATED COSTS SUCH AS ENGINEERING SERVICES, CONTINGENCY AND OTHER SOFT COSTS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of St. Petersburg, Florida ("City") and Brown and Caldwell, Inc. ("A/E") entered into an Architect/Engineering Agreement on November 3, 2016, for A/E to provide miscellaneous professional services for potable water, wastewater and reclaimed water projects; and

WHEREAS, the City desires to execute Task Order No. 16-01-BC/W in the amount not to exceed of \$179,474 for A/E to provide design services for development of wet weather standard operating procedures for the three (3) operating water reclamation facilities.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of St. Petersburg, Florida, that the Mayor or his designee is hereby authorized to execute Task Order No. 16-01-BC/W to the Architect/Engineering Agreement ("A/E") between the City of St. Petersburg ("City") and Brown and Caldwell ("B&C") in an amount not to exceed \$179,474 for the Water Reclamation Facility Wet Weather Operability Improvement Plan Project (Engineering Project No. 17066-111; Oracle No. 15968).

BE IT FURTHER RESOLVED that the following supplemental appropriation in the amount of \$198,000 from the unappropriated balance of the Water Resources Capital Project Fund (4003) to the WRF Wet Weather Op Improv FY17 Project (15968) is hereby approved for FY 2017:

Water Resources Capital Project Fund (4003)

WRF Wet Weather Op Improv FY17 Project (15968) \$198,000

This resolution shall become effective immediately upon its adoption.

Approved by:



Legal Department

By: (City Attorney or Designee)

Approved by:



Brejesh Prayman, P.E.
Engineering and Capital
Improvements Director



Tom Greene
Budget Director