

# ST. PETERSBURG CITY COUNCIL

## Consent Agenda

Meeting of August 3, 2017

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

**SUBJECT:** A resolution approving Amendment No. 1 to Task Order No. 16-01-GS/W between the City of St. Petersburg, Florida ("City") and Grissom Smith, LLC ("A/E" Agreement) to furnish professional engineering services for the Northeast Water Reclamation Facility (NEWRF) Aeration Blower Replacement project in an amount not to exceed \$61,581.00, for a total contract amount not to exceed of \$121,848.00 (Engineering Project No. 17075-111; Oracle No. 15925); approving a supplemental appropriation in the amount of \$43,848 from the unappropriated balance of the Water Resources Capital Projects Fund (4003) to the WRF NE Blowers FY17 Project (15925); authorizing the Mayor or his designee to execute Amendment No. 1; and providing an effective date.

**EXPLANATION:** The existing aeration blowers were installed in 1977 and are near the end of their useful lives and in need of replacement. The new blowers will be more efficient and provide operation reliability during heavy storm events.

On November 3, 2016, City Council approved an A/E Agreement between the City of St. Petersburg and Grissom Smith, LLC ("A/E") for potable water, wastewater, and reclaimed water projects.

On March 16, 2017 City Council approved Task Order No. 16-01-GS/W in the amount of \$60,267.00 to provide professional engineering services for the NEWRF Aeration Blower Replacement project. The scope of services included preparation of Basis of Design Memorandum ("BODM") to evaluate and recommend to the City the best blower technology and new blower station location for the existing and future system requirements, final engineering design, permitting, bidding, and services during construction.

The original scope of work was to identify and replace existing blowers in the south aeration basin. The north aeration basin operated with a mechanical surface aeration system. The BODM identified processes which could also be applied to the north aeration basin, replacing an aging system of a different type of aeration technology. Completing both aeration basins concurrently would provide a cost benefit of having plans prepared for one construction contract and replacing two different aeration processes with one consistent system providing increased efficiency and reliability to the aeration process.

Amendment No. 1 to Task Order No. 16-01-GS/W in the amount of \$61,581.00 will provide funding for additional design, permitting and services during construction for improvements to the north aeration basin. The modification includes, but is not limited to, additional new blowers and diffusers, extension of elevated grit slab, additional design of structural electrical, instrumentation, and additional site survey.

Task Order No. 16-01-GS/W and Amendment No. 1 to Task Order No. 16-01-GS/W includes the following phases and associated not to exceed fees and costs:



Preliminary Engineering/Design/Bidding/Permitting/ Construction Services	\$60,267.00
Additional Design/Bidding/Permitting/Construction Services	\$61,581.00
Revised Total A/E fees .	<u>\$121,848.00</u>


**RECOMMENDATION:** Administration recommends authorizing the Mayor or his designee to execute Amendment No. 1 to Task Order No. 16-01-GS/W between the City of St. Petersburg, Florida ("City") and Grissom Smith, LLC ("A/E Agreement") to furnish professional engineering services related to the NEWRF Aeration Blower Replacement project in an amount not to exceed \$61,581.00, for a total contract amount not to exceed \$121,848.00 (Engineering Project No. 17075-111; Oracle No. 15925); approving a supplemental appropriation in the amount of \$43,848 from the unappropriated balance of the Water Resources Capital Projects Fund (4003) to the WRF NE Blowers FY17 Project (15925).

**COST/FUNDING INFORMATION:** Funds will be available following a supplemental appropriation in the amount of \$43,848 from the unappropriated balance of the Water Resources Capital Projects Fund (4003) to the WRF NE Blowers FY17 Project (15925).

**ATTACHMENTS:** Resolution  
Amendment No. 1 to Task Order No. 16-01-GS/W

**APPROVALS:**

  
Administrative 

  
Budget

RESOLUTION NO. 2017-\_\_\_\_

A RESOLUTION AUTHORIZING THE MAYOR OR HIS DESIGNEE TO EXECUTE AMENDMENT NO. 1 TO TASK ORDER NO. 16-01-GS/W TO THE ARCHITECT/ENGINEERING AGREEMENT DATED DECEMBER 13, 2016 BETWEEN THE CITY OF ST. PETERSBURG, FLORIDA ("CITY") AND GRISSOM SMITH, LLC ("GRISSOM") FOR GRISSOM TO PROVIDE PROFESSIONAL ENGINEERING SERVICES FOR THE NORTHEAST WATER RECLAMATION FACILITY (NEWRF) AERATION BLOWER REPLACEMENT PROJECT IN AN AMOUNT NOT TO EXCEED \$61,581, FOR A TOTAL CONTRACT AMOUNT NOT TO EXCEED OF \$121,848; APPROVING A SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$43,848 FROM THE UNAPPROPRIATED BALANCE OF THE WATER RESOURCES CAPITAL PROJECTS FUND (4003) TO THE WRF NE BLOWERS FY17 PROJECT (15925); AUTHORIZING THE MAYOR OR HIS DESIGNEE TO EXECUTE AMENDMENT NO. 1; AND PROVIDING AN EFFECTIVE DATE. (ENGINEERING PROJECT NO. 17075-111; ORACLE NO. 15925)

WHEREAS, the City of St. Petersburg, Florida ("City") and Grissom Smith, LLC ("Grissom") entered into an architect/engineering agreement dated December 13, 2016 for Grissom to provide miscellaneous professional services for Potable Water, Wastewater, and Reclaimed Water Projects; and

WHEREAS, on March 16, 2017 City Council approved Task Order No. 16-01-GS/W in the amount of \$60,267 for Grissom to provide a Basis of Design Memorandum ("BODM") to evaluate and recommend the best blower technology and new blower station location for the existing and future system requirements, final engineering design, permitting, bidding, and services during construction; and

WHEREAS, Amendment No. 1 to Task Order No. 16-01-GS/W in the amount of \$61,581 will provide for additional design, permitting and services during the construction phase of the north aeration basin; and

WHEREAS, Administration recommends approval of this Resolution.

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 Amendment No. 1 to Task Order No. 16-01-GS/W between the City of St. Petersburg, Florida ("City") and Grissom Smith, LLC ("A/E") for Grissom to furnish professional engineering services related to


the NEWRF Aeration Blower Replacement Project in an amount not to exceed \$61,581, for a total contract amount not to exceed \$121,848.

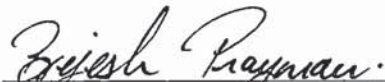
BE IT FURTHER RESOLVED, that there is hereby approved from the unappropriated balance of the Water Resources Capital Projects Fund (4003) the following supplemental appropriation for FY17:

<u>Water Resources Capital Projects Fund (4003)</u>	
WRF NE Blowers FY17 Project (15925)	\$43,848

This resolution shall become effective immediately upon its adoption.

APPROVALS:

  
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Legal Department  
By: (City Attorney or Designee)  
00333672

  
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Brejesh Prayman, P.E., ENV SP  
Engineering & Capital Improvements Director

  
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Budget