

ST. PETERSBURG CITY COUNCIL

Consent Agenda

Meeting of July 20, 2017

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

SUBJECT: A resolution approving Amendment No. 1 to Task Order No. 16-06-KHA/T dated March 2, 2017, between the City of St. Petersburg, Florida ("City") and Kimley-Horn and Associates, Inc. ("A/E") for A/E to provide professional engineering services for the final design and construction plans of the Southwest Water Reclamation Facility (SWWRF) Access Improvements Project in an amount not to exceed \$58,142.00, for a total amount not to exceed \$140,535.44 (Engineering Project No. 17064-111; Oracle No. 15967); approving a supplemental appropriation in the amount of \$292,128.00 from the unappropriated balance of the Water Resources Capital Projects Fund (4003) to the WRF SW Access Improve FY17 Project (15967) to provide the necessary funding for this Task Order and other project related costs such as engineering services, contingency and other soft costs and construction costs; authorizing the Mayor or his designee to execute Amendment No. 1; and providing an effective date.

EXPLANATION: The Southwest Water Reclamation Facility (SWWRF) located on 54th Avenue South and 41st Street, at the end of the I-275 southwest bound off ramp, is currently undergoing improvements and once it is completed will result in additional traffic trip generation to the treatment plant.

On June 1, 2016, the City Council approved an A/E Agreement between the City of St. Petersburg and Kimley-Horn and Associates, Inc. ("A/E") to furnish professional engineering services related to the design and construction of Traffic Calming, Bicycle/Pedestrian and Development of Regional Impact Projects.

On March 2nd, 2017 City Council approved Task Order No. 16-06-KHA/T in the amount of \$82,393.44 to provide intersection safety improvements analysis for a westbound turn-lane along 54th Ave. South. This approval included \$10,000.00 of owner contingency.

On March 7th, 2017 A/E was authorized in the amount of \$72,393.44 for a scope of services to included, but not limited to, data collection, traffic operational and crash analysis, coordination with FDOT for technical memorandum and justification summary memorandum, public coordination and concept plans for adding a new westbound left turn lane on 54th Avenue South at 41st Street. This comprehensive traffic study extended along 54th Avenue S between the I-275 and Avenue of the States.

On June 19, 2017 ^{City}~~A/E~~ owner contingency was authorized in the amount of \$1,985.97 to include a 72-hour count analysis required by FDOT.

Amendment No.1 in the amount of \$58,142.00 will provide funding for FDOT permit preparation and coordination, and final design of the left turn lane. The aggregate Task Order amount is \$140,535.44

The supplemental appropriation will also provide funding for city construction engineering, inspection and testing services, and a probable construction cost of \$213,544.

Task Order No. 16-06-KHA/T and Amendment to Task Order No. 16-06-KHA/T include the following phases and associated not to exceed fees and costs:

Traffic Study Phase and Conceptual Construction Plans	\$82,393.44
Final Design Phase and Construction Plans	<u>\$58,142.00</u>
Total	\$140,535.44

RECOMMENDATION: Administration recommends approving Amendment No. 1 to Task Order No. 16-06-KHA/T dated March 2, 2017, between the City of St. Petersburg, Florida ("City") and Kimley-Horn and Associates, Inc. ("A/E") for A/E to provide professional engineering services for the final design and construction plans of the Southwest Water Reclamation Facility (SWWRF) Access Improvements Project in an amount not to exceed \$58,142.00, for a total amount not to exceed \$140,535.44 (Engineering Project No. 17064-111; Oracle No. 15967); approving a supplemental appropriation in the amount of \$292,128.00 from the unappropriated balance of the Water Resources Capital Projects Fund (4003) to the WRF SW Access Improve FY17 Project (15967) to provide the necessary funding for this Task Order and other project related costs such as engineering services, contingency and other soft costs and construction costs; authorizing the Mayor or his designee to execute Amendment No. 1; and providing an effective date.

COST/FUNDING/ASSESSMENT INFORMATION: Funds will be available after the supplemental appropriation in the amount of \$292,128.00 from the unappropriated balance of the Water Resources Capital Projects Fund (4003) to the WRF SW Access Improve FY17 Project (15967).

ATTACHMENTS: Resolution

Amendment No.1 to Task Order No. 16-06-KHA/T

APPROVALS:

mg



Administrative



Budget

RESOLUTION NO. 2017-_____

A RESOLUTION APPROVING AMENDMENT NO. 1 TO TASK ORDER NO. 16-06-KHA/T DATED MARCH 2, 2017, BETWEEN THE CITY OF ST. PETERSBURG, FLORIDA ("CITY") AND KIMLEY-HORN AND ASSOCIATES, INC. ("A/E") FOR A/E TO PROVIDE PROFESSIONAL ENGINEERING SERVICES FOR THE FINAL DESIGN AND CONSTRUCTION PLANS OF THE SOUTHWEST WATER RECLAMATION FACILITY (SWWRF) ACCESS IMPROVEMENTS PROJECT IN AN AMOUNT NOT TO EXCEED \$58,142.00, FOR A TOTAL AMOUNT NOT TO EXCEED \$140,535.44 (ENGINEERING PROJECT NO. 17064-111; ORACLE NO. 15967); APPROVING A SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$292,128 FROM THE UNAPPROPRIATED BALANCE OF THE WATER RESOURCES CAPITAL PROJECTS FUND (4003) TO THE WRF SW ACCESS IMPROVE FY17 PROJECT (15967) TO PROVIDE THE NECESSARY FUNDING FOR THIS TASK ORDER AND OTHER PROJECT RELATED COSTS SUCH AS ENGINEERING SERVICES, CONTINGENCY AND OTHER SOFT COSTS AND CONSTRUCTION COSTS; AUTHORIZING THE MAYOR OR HIS DESIGNEE TO EXECUTE AMENDMENT NO. 1; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, on June 1, 2016, the City Council approved an A/E Agreement between the City of St. Petersburg ("City") and Kimley-Horn and Associates, Inc. ("A/E") for A/E to provide professional engineering services related to the design and construction of Traffic Calming, Bicycle/Pedestrian and Development of Regional Impact Projects; and

WHEREAS, Task Order No. 16-06-KHA/T was approved by City Council under this A/E Agreement on March 2, 2017 in the amount of \$82,393.44; and

WHEREAS, Amendment No.1 in the amount of \$58,142.00 will provide funding for FDOT permit preparation and coordination, final design and construction plans for the left turn lane; and

WHEREAS, a supplemental appropriation in the amount of \$292,128 is necessary to provide the necessary funding for this task order and other project related costs such as City engineering services, contingency and other soft costs, and construction costs.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of St. Petersburg, Florida, that Amendment No. 1 to Task Order No. 16-06-KHA/T pursuant to the A/E Agreement dated March 2, 2017, between the City of St. Petersburg, Florida ("City") and Kimley-

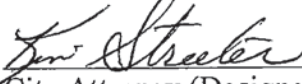
Horn and Associates, Inc. ("A/E") for A/E to provide professional engineering services for the final design and construction plans of the Southwest Water Reclamation Facility (SWWRF) Access Improvements Project in an amount not to exceed \$58,142.00, for a total amount not to exceed of \$140,535.44 (Engineering Project No. 17064-111; Oracle No. 15967) is hereby approved.

BE IT FURTHER RESOLVED by the City Council of St. Petersburg, Florida that there is hereby approved the following supplemental appropriation from the unappropriated balance of the Water Resources Capital Projects Fund (4003) for FY17 to provide the necessary funding for this Task Order and other project related costs such as city engineering services contingency and other soft costs and construction costs:

<u>Water Resources Capital Projects Fund (4003)</u>	
WRF SW Access Improve FY17 Project (15967)	\$292,084

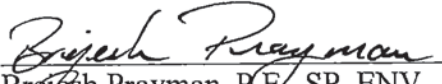
This resolution shall become effective immediately upon its adoption.

Approved by:




City Attorney (Designee)
00331608

Approved by:



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



Budget Director

**AMENDMENT NO. 1 TO TASK ORDER NO. 16-06-KHA/T
SWWRF ACCESS IMPROVEMENTS – FINAL DESIGN AND CONSTRUCTION PLANS FOR
DEDICATED LEFT TURN INTO ACCESS DRIVE
CITY PROJECT NO. 17064-111**

This Amendment No. 1 to Task Order No. 16-06-KHA/T is made and entered into this ____ day of _____, 201____, pursuant to the ARCHITECT/ENGINEERING AGREEMENT FOR MISCELLANEOUS PROFESSIONAL SERVICES FOR TRAFFIC CALMING, BICYCLE/PEDESTRIAN AND DEVELOPMENT OF REGIONAL IMPACT PROJECTS dated June 1, 2016 ("Agreement") between Kimley-Horn and Associates, Inc. ("A/E"), and the City of St. Petersburg, Florida ("City"), and upon execution shall become a part of the Agreement.

I. DESCRIPTION OF PROJECT

Under Task Order No. 16-06-KHA/T the CITY has authorized the A/E to undertake a comprehensive traffic study/analysis of this corridor, within the limits of the southbound I-275 off-ramp and the signalized intersection at Avenue of States Drive (Eckerd Drive), which provides access to Eckerd College. The expanded traffic study area will provide recommendations for a dedicated left turn lane, access improvements and associated modifications required for accommodating all traffic entering and leaving the South West Water Reclamation Facility (SWWRF).

Under Revision No. 1 to Task Order No. 16-06-KHA/T, the A/E conducted 72-hour counts as required by the FDOT and updated the technical memo for submittal to FDOT.

The A/E, under this Amendment No. 1 to Task Order No. 16-06-KHA/T, will prepare construction plans for the left turn lane into the SWWRF facility located at the west end of the I-275 off-ramp based on the approved left turn lane concept. Plans and construction permits will be coordinated and submitted to the City, SWRWMD and FDOT for approval.

II. SCOPE OF SERVICES

Task 9 – Data Collection

The A/E will perform a field visit to identify conflicts and the feasibility of the proposed design. The A/E will review existing available information and obtain previously prepared survey and utility information from FDOT's design consultant. The A/E will rely on the queueing analysis performed in the initial task work order to determine length of turn lane required. No further data collection is included in this scope of work.

Task 10 – 90% Turn Lane Plans and Opinion of Probable Cost

The A/E shall prepare 90% construction plans for the turn lane improvements and associated signing and pavement marking plans. The 90% plans and opinion of probable cost will be submitted to FDOT and the City for review. The 90% plans will be sent out to all utility providers with facilities along the corridor as identified by Sunshine One-Call. Upon review of the plans the City and FDOT will submit any comments in writing to the A/E. At which time the A/E will respond to comments and make required revisions to the plans.

The A/E will attend and document the following anticipated meetings:

- (One) 90% utility coordination meeting
- (One) Comment review meeting with City/FDOT staff if required
- (One) SWFWMD Pre-Application
- (One) FDOT Pre-Application

The construction plans will consist of the following sheets

- One key sheet
- One signature sheet
- One summary of pay items sheet
- Summary of quantities sheets (up to 4 anticipated)
- One typical section
- One general notes sheet
- Plan sheets
- Drainage structure section sheet
- Cross section sheets
- Temporary traffic control plan
- One signing and pavement marking key sheet
- One tabulation of quantities sheet (SAPM)
- One signing and pavement marking general notes
- Signing and pavement marking plan sheets

The A/E assumes that the pavement design for the widening and resurfacing improvements currently underway by FDOT will be sufficient for these turn lane improvements.

Task 11 – Permit Coordination

A). SWFWMD Coordination

The A/E will prepare preliminary plans for use in coordination with SWFWMD. It is anticipated that these turn lane improvements will qualify under as an exemption as the turn lane is less than 0.25 miles in length. The A/E will attend a pre-application meeting and will submit a permit application or letter of exemption and a set of plans to SWFWMD to obtain approval for the turn lane improvements.

B). FDOT Coordination

The A/E will prepare preliminary plans for use in coordination with FDOT. It is anticipated that these turn lane improvements will require an Access Management and a Drainage Connection permit or letter of exemption. The A/E will attend a pre-application meeting and will submit a permit application or letter of exemption and a set of plans to FDOT to obtain all the necessary approvals required by FHWA and FDOT.

Task 12 – 100% Turn Lane Plans and Opinion of Probable Cost

The A/E will then bring the plans and opinion of probable cost to 100% level of completion. The A/E will include pertinent utility information obtained through coordination with utility providers. Once completed, the 100% plans will be resubmitted to the City and FDOT for concurrence and final comment. After resolving any final comments the plans will be prepared for bidding.

The A/E will attend the following anticipated meetings:

- (One) 100% utility coordination meeting (If required)
- (One) Comment review meeting with City/FDOT staff (If required)

Task 13 – Project Administration

During the execution of this project, the A/E shall provide all project management and administration functions, including QA/QC, supervision, coordination, attendance at required project meetings, preparation of meeting minutes, and management of schedule/budget.

III. SCHEDULE

The A/E shall provide the services described in the above Scope of Services based on the following schedule from the issuance of the Notice to Proceed (NTP) and assuming a two-week review and turnaround time from FDOT, FHWA and the CITY:

Task 9 – Data Collection	1 week
Task 10 – 90% Turn Lane Plans and Opinion of Probable Cost	5 weeks
Task 11 – SWFWMD and FDOT Coordination	1 weeks
Task 12 – 100% Turn Lane Plans and Opinion of Probable Cost	6 weeks
Task 13 - Project Administration	Ongoing
TOTAL TIME FROM NTP TO CONST.	13 weeks (includes reviews & meetings)

IV. A/E'S RESPONSIBILITIES

The A/E shall provide the services described in the above Scope of Services.

V. CITY'S RESPONSIBILITIES

The CITY's participation under this Task Order is anticipated to include, but not limited to, to the following:

- Review and comment on the A/E's deliverables.
- Participation in any required utility coordination meetings

VI. DELIVERABLES

Deliverables for this Task Order will consist of the following:

- 90% construction plans and opinion of probable cost

- 100% construction plans and opinion of probable cost
- Final Bid Plans

VII. A/E'S COMPENSATION

For work under Tasks 9 through 13, the CITY shall compensate the A/E in a lump sum amount of **\$48,142.00** for services provided and expenses incurred, based on the Task Breakdown shown in the attached Appendix B.

This Task Order establishes an allowance in the amount of **\$10,000.00** for additional services not identified in the Scope of Services. Additional services may be performed only upon receipt of prior written authorization from the City and such authorization shall set forth the additional services to be provided by the A/E. The cost of any additional services shall not exceed the amount of the allowance set forth in this Task Order.

The total for Tasks 9 through 13 and the Allowance is **\$58,142.00**.

VIII. PROJECT TEAM

Work under this amendment will be completed by the A/E. This task work order is not anticipated to require a sub-consultant at this time.

IX. MISCELLANEOUS

In the event of a conflict between this Amendment No. 1 to Task Order No. 16-06-KHA/T and the Agreement, the Agreement shall prevail.

IN WITNESS WHEREOF the Parties have caused this Amendment No. 1 to Task Order No. 16-06-KHA/T to be executed by their duly authorized representatives on the day and date first above written.

ATTEST

CITY OF ST. PETERSBURG, FLORIDA

By: _____
Chandrasana Srinivasa
City Clerk

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

(SEAL)

DATE: _____

APPROVED AS TO FORM FOR CONSISTENCY
WITH THE STANDARD TASK ORDER.
NO OPINION OR APPROVAL OF THE SCOPE
OF SERVICES IS BEING RENDERED BY
THE CITY ATTORNEY'S OFFICE

By: _____
City Attorney (Designee)

KIMLEY-HORN AND ASSOCIATES, INC.

(Company Name)

By: Wayne White
(Signature)
Wayne White Associate
(Printed Name and Title)

Date: 6/9/2017

WITNESSES:

By: [Signature]
(Signature)

CHARLENE GIBSON, P.E.
(Printed Name)

By: [Signature]
(Signature)

Heather Hartz
(Printed Name)

APPENDIX B
Work Task Breakdown
CITY of St. Petersburg SWWRF Left Turn Lane Construction Plans

I. Manpower Estimate: All Tasks

Direct Labor Rates Classifications		Project Manager	Principal	Senior Engineer	Project Engineer	Engineering Intern	Engineering Intern	Designer	Admin Professional	Total Hours	Labor Cost
Project Role		Project Manager	Quality Assurance	Drainage	Roadway	Analysis	Analysis	Cadd Production	Project Admin		
Employee Name		Hutton	Nadeau	Paquet	Leep	Strasheim	Reid	Donahue	Johnson		
Direct Salary		\$ 71.16	\$ 80.78	\$ 61.54	\$ 49.28	\$ 33.42	\$ 31.26	\$ 43.28	\$ 20.92		
Overhead 192.16%		\$ 136.75	\$ 155.23	\$ 118.26	\$ 83.17	\$ 64.22	\$ 60.07	\$ 83.17	\$ 40.20		
Profit 12%		\$ 24.95	\$ 28.33	\$ 21.58	\$ 15.18	\$ 11.72	\$ 10.96	\$ 15.18	\$ 7.34		
2016/2017 Billing Rates ¹		\$ 232.86	\$ 264.34	\$ 201.38	\$ 141.63	\$ 109.36	\$ 102.29	\$ 141.63	\$ 68.46		
TASK											
9	Data Collection				8		10		2	20	\$ 2,292.86
10	90% Turn Lane Plans and Opinion of Probable Cost	4		6	32	32	16	32	2	124	\$ 16,477.12
11A	SWFWMD Coordination	2		2					2	6	\$ 1,005.40
11B	FDOT Driveway Connection Permitting	6			24	12	12		2	56	\$ 7,473.00
12	100% Turn Lane Plans and Opinion of Probable Cost	4		4	38	24	16	24	2	112	\$ 14,916.22
13	Project Administration	8	12	4					2	26	\$ 5,977.40
Totals		24	12	16	102	68	54	56	12	344	\$ 48,142.00

II. Fee Calculation

Task	Labor Cost	Expenses ²	Subconsultant Services	Mark-up on Subconsultant Services ⁴	Allowance ³	Total Cost Without Allowance	Total Cost With Allowance
9	\$ 2,292.86	\$ -	\$ -	\$ -	As shown in Item III below	\$ 2,292.86	As shown in Item III below
10	\$ 16,477.12	\$ -	\$ -	\$ -		\$ 16,477.12	
11A	\$ 1,005.40	\$ -	\$ -	\$ -		\$ 1,005.40	
11B	\$ 7,473.00	\$ -	\$ -	\$ -		\$ 7,473.00	
12	\$ 14,916.22	\$ -	\$ -	\$ -		\$ 14,916.22	
13	\$ 5,977.40	\$ -	\$ -	\$ -		\$ 5,977.40	
Total ⁽²⁾	\$ 48,142.00	\$ -	\$ -	\$ -		\$ 48,142.00	

III. Fee Limit

Lump Sum Cost	\$48,142.00
Allowance	\$10,000.00
Total:	\$58,142.00

IV. Notes:

1. Rate x overhead + profit (per contract).
2. No separate expenses. Expenses included with rates [1.]
3. Allowance to be used only upon City's written authorization.
4. Includes 10 percent markup of SUBCONSULTANT (per contract).