

ST. PETERSBURG CITY COUNCIL

Consent Agenda

Meeting of June 7, 2018

TO: The Honorable Lisa Wheeler-Bowman, Chair and Members of City Council

SUBJECT: A Resolution authorizing the Mayor or his designee to execute Amendment No. 1 to Task Order No. 16-10-KH/T ("Task Order"), as revised, to the Architect/Engineering Agreement between the City of St. Petersburg, Florida and Kimley-Horn & Associates, Inc. (A/E), dated June 1, 2016, for A/E to provide professional engineering services related to the Pier Approach - 2nd Avenue NE Connection to the Pier Project in an amount not to exceed \$132,551.52, providing that the total Task Order, as revised and amended, shall not exceed \$180,135.22; approving a transfer in the amount of \$153,301.52 from the unappropriated balance of the Downtown Redevelopment District Fund (1105) to the General Capital Improvement Fund (3001) to provide funding for Pier Gateway design and Engineering costs; authorizing a supplemental appropriation in the amount of \$153,301.52 from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from the above transfer to the Pier Gateway Project (16604) (Engineering Project No. 18096-112 and Oracle Nos. 16146 and 16604); and providing an effective date.

EXPLANATION: Second Avenue NE provides connectivity for vehicles, bicycles, and pedestrians from the downtown business district to the pier. Second Avenue NE, from Beach Drive NE to Bayshore Blvd, needs to be reconfigured in order to provide a safe and efficient thoroughfare to service the increased traffic demands of the new pier. This is an asset expansion Project.

On June 1, 2016, the City of St. Petersburg, Florida ("City") and Kimley-Horn & Associates ("A/E") entered into an architect/engineering agreement for A/E to provide miscellaneous professional services for traffic calming, bicycle/pedestrian and development of regional impact projects.

On March 19, 2018, Engineering & Capital Improvements Department ("ECID") administratively approved Task Order No. 16-10-KH/T in the amount of \$47,583.70 which provided for professional engineering services including but not limited to Preliminary analysis and 30% plans for the 2nd Ave NE Improvements. The \$47,583.70 included an allowance of \$5,000. City Council received the Preliminary analysis report via email on April 20, 2018 which recommended a roundabout for the intersection of 2nd Avenue NE and Bayshore Blvd. as a better alternative to moving the existing signal structures due to the roundabout's better ability to maintain traffic flow and improve safety.

On May 7, 2018, ECID administratively approved Revision No. 1 to Task Order No. 16-10-KH/T in the amount of \$1,513.78 from the \$5,000 allowance to provide concept renderings.

Amendment No. 1 to Task Order No. 16-10-KH/T in the amount of \$132,551.52 shall provide professional engineering services, included but not limited to, final design for roadway, signalization and landscape improvements and permitting, for the construction of the 2nd Avenue NE approach to the New St. Pete Pier™. This includes an allowance of \$10,000.

Task Order No. 16-10-KH/T, Revision No. 1 and Amendment No. 1 includes the following phases and associated not to exceed costs respectively:

| | | | | |
|-----------------|---|-----------|-------------------|------------|
| 16-10-KH/T | Planning and Preliminary Engineering | \$ | 26,002.64 | (Approved) |
| | Preliminary Design Improvements (30%) | \$ | 16,581.06 | (Approved) |
| | Allowance | \$ | 5,000.00 | (Approved) |
| Revision No 1 | Concept Renderings | \$ | 1,513.78 | (Approved) |
| | Allowance | \$ | (1,513.78) | (Approved) |
| Amendment No. 1 | Final Design | \$ | 122,551.52 | (New) |
| | Allowance | \$ | 10,000.00 | (New) |
| | Contract Administration/ Inspection/Misc. | \$ | 20,750.00 | |
| | Total A/E | \$ | 166,649.00 | |
| | Total Allowance (Remaining) | \$ | 13,486.22 | |
| | Total Contract Administration/ | | | |
| | Inspection/Testing/Misc. | \$ | 20,750.00 | |
| | Total Project Cost | \$ | 200,885.22 | |

A/E services during the construction phase will be provided to Council for approval as an Amendment to this Task Order.

On August 24, 2017, City Council approved Ordinance No. 292-H adopting amendments to the Intown Redevelopment Plan (IRP) to delete reference to “mixed-use transportation facility” and reallocate its \$14,000,000 in allowable project cost that can be funded by Tax Increment Financing (TIF) such that up to \$10 million may be spent on the Enhancements to the “Municipal Pier Project” and/or “Enhancements to the Downtown Waterfront Master Plan Improvements in the Pier District”. The Pinellas County Commission approved the amendments to the IRP and the Interlocal Agreement on September 14, 2017.

The \$10 million in Enhancements to the “Municipal Pier Project” and/or “Enhancements to the Downtown Waterfront Master Plan Improvements in the Pier District” included several structures, facilities and improvements that were designed to be completed as part of the construction of the Pier Approach. This includes a category for the Pier Gateway estimated at \$1,000,000. The amount being requested from the Pier Gateway category is \$153,301.52 to complete the design services for this feature including this Amendment No. 1 to Task Order No. 16-10-KH/T in the amount of \$132,551.52 and additional Engineering and Capital Improvement project management costs related to this project in the amount of \$20,750.00.

Contractor costs for the improvements will be provided to Council for approval as a separate Agreement along with the requested transfer from the balance of the Pier Gateway element.

From the referenced \$14,000,000 of previously approved TIF funding, City Council designated \$4,000,000 towards transportation and/or parking infrastructure projects within the Intown district. From this category, \$2,000,000 has been proposed for BRT infrastructure and \$1,000,000 for parking infrastructure in the proposed FY 2019 CIP budget. Administration recommends that the remaining \$1,000,000 be used as a resource to fund the roundabout and other roadway improvements as necessary to augment the Pier Gateway budget already established. The roundabout will improve transportation operations and safety

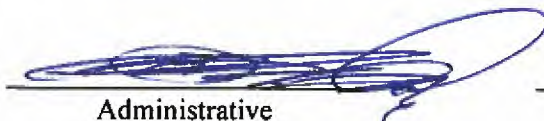
while helping the Central Avenue Trolley and future Downtown Circulator maintain on-time performance. Contractor costs for both the Gateway and Roundabout improvements will be provided to Council for approval as a separate Agreement(s) along with the requested transfers from the balance of the respective Pier Gateway and TIF Transportation elements.

RECOMMENDATION: Administration recommends authorizing the Mayor or his designee to execute Amendment No. 1 to Task Order No. 16-10-KH/T ("Task Order"), as revised, to the Architect/Engineering Agreement between the City of St. Petersburg, Florida and Kimley-Horn & Associates, Inc. (A/E), dated June 1, 2016, for A/E to provide professional engineering services related to the Pier Approach - 2nd Avenue NE Connection to the Pier Project in an amount not to exceed \$132,551.52, providing that the total Task Order, as revised and amended, shall not exceed \$180,135.22; approving a transfer in the amount of \$153,301.52 from the unappropriated balance of the Downtown Redevelopment District Fund (1105) to the General Capital Improvement Fund (3001) to provide funding for Pier Gateway design and Engineering costs; authorizing a supplemental appropriation in the amount of \$153,301.52 from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from the above transfer to the Pier Gateway Project (16604) (Engineering Project No. 18096-112 and Oracle Nos. 16146 and 16604); and providing an effective date.

COST/FUNDING/ASSESSMENT INFORMATION: A portion of the funding has been previously appropriated in the Multimodal Impact Fees Fund (3071), Complete Streets Project (16146). Additional funds will be available after the transfer in the amount of \$153,301.52 from the unappropriated balance of the Downtown Redevelopment District Fund (1105) to the General Capital Improvement Fund (3001) and a supplemental appropriation in the amount of \$153,301.52 from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from the above transfer to the Pier Gateway Project (16604); (Engineering Project No. 18096-112 and Oracle Nos. 16146 and 16604).

ATTACHMENTS: Resolution
Amendment No. 1 to Task Order No. 16-10-KH/T
Map
Concept Rendering

APPROVALS:


Administrative


Budget

RESOLUTION 2018-_____

A RESOLUTION AUTHORIZING THE MAYOR OR HIS DESIGNEE TO EXECUTE AMENDMENT NO. 1 TO TASK ORDER NO. 16-10-KH/T ("TASK ORDER"), AS REVISED, TO THE ARCHITECT/ENGINEERING AGREEMENT BETWEEN THE CITY OF ST. PETERSBURG, FLORIDA AND KIMLEY-HORN & ASSOCIATES, INC. (A/E), DATED JUNE 1, 2016, FOR A/E TO PROVIDE PROFESSIONAL ENGINEERING SERVICES RELATED TO THE PIER APPROACH - 2ND AVENUE NE CONNECTION TO THE PIER PROJECT IN AN AMOUNT NOT TO EXCEED \$132,551.52; PROVIDING THAT THE TOTAL TASK ORDER, AS REVISED AND AMENDED, SHALL NOT EXCEED \$180,135.22; APPROVING A TRANSFER IN THE AMOUNT OF \$153,301.52 FROM THE UNAPPROPRIATED BALANCE OF THE DOWNTOWN REDEVELOPMENT DISTRICT FUND (1105) TO THE GENERAL CAPITAL IMPROVEMENT FUND (3001) TO PROVIDE FUNDING FOR PIER GATEWAY DESIGN AND ENGINEERING COSTS; AUTHORIZING A SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$153,301.52 FROM THE INCREASE IN THE UNAPPROPRIATED BALANCE OF THE GENERAL CAPITAL IMPROVEMENT FUND (3001), RESULTING FROM THE ABOVE TRANSFER TO THE PIER GATEWAY PROJECT (16604) (ENGINEERING PROJECT NO. 18096-112; ORACLE NOS. 16146 AND 16604); AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of St Petersburg, Florida ("City") and Kimley-Horn & Associates, Inc. ("A/E") entered into an architect/engineering agreement on June 1, 2016 for A/E to provide miscellaneous professional services for Traffic Calming, Bicycle/Pedestrian and Development of Regional Impact Projects; and

WHEREAS, on March 19, 2018, Administration approved Task Order No. 16-10-KH/T ("Task Order") for A/E to provide professional engineering services including but not limited to preliminary analysis and 30% plans for the Pier Approach - 2nd Avenue NE Connection to the Pier Project ("Project") in an amount not to exceed \$47,583.70; and

WHEREAS, on May 7, 2018, Revision No. 1 to Task Order was administratively approved in an amount not to exceed \$1,513.78 from the previously approved allowance, to provide a revised concept plan outside the original scope of services; and

WHEREAS, Administration desires to issue Amendment No. 1 to the Task Order, as revised, to provide funding for final design for roadway, signalization and landscape improvements and permitting, for the construction of the 2nd Avenue NE approach to the New St. Pete Pier™.

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. 16-10-KH/T ("Task Order"), as revised, to the Architect/Engineering Agreement between the City of St. Petersburg, Florida and Kimley-Horn & Associates, Inc. (A/E), dated June 1, 2016, for A/E to provide professional engineering services related to the Pier Approach - 2nd Avenue NE Connection to the Pier Project in an amount not to exceed \$132,551.52 providing that the total Task Order shall not exceed \$180,135.22.

BE IT FURTHER RESOLVED that the total Task Order, as revised and amended, shall not exceed \$180,135.22.

BE IT FURTHER RESOLVED that there is hereby approved the following transfer for FY18:

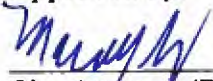
| | |
|--|--------------|
| <u>Downtown Redevelopment District Fund (1105)</u> | |
| Transfer to: General Capital Improvement Fund (3001) | \$153,301.52 |

BE IT FURTHER RESOLVED that there is hereby approved from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from the above transfer, the following supplemental appropriation for FY18:

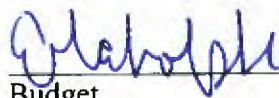
| | |
|--|--------------|
| <u>General Capital Improvement Fund (3001)</u> | |
| Pier Gateway Project (16604) | \$153,301.52 |

This resolution shall become effective immediately upon its adoption.

Approved by:




City Attorney (Designee)
00377340



Budget

Approved by:



~~Brejesh Prayman, P.E., SP, ENV~~
Engineering & Capital Improvements Director
Claude D. Tankersley, P.E.
Public Works Administrator

MEMORANDUM

CITY OF ST. PETERSBURG

Engineering and Capital Improvements Department

TO: The Honorable Lisa Wheeler-Bowman, Chair, and City Councilmembers

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

RE: Consultant Selection Information
Firm: Kimley-Horn and Associates, Inc.
Task Order No. 16-10-KH/T in the amount of \$180,135.22

This memorandum is to provide information pursuant to City Council Policy and Procedures Manual, Chapter 3, Section I(F.) for agenda package information.

1. Summary of Reasons for Selection

The project involves final design and permitting of roadway safety improvements and is a continuation of the conceptual and preliminary design.

Kimley-Horn and Associates, Inc. has satisfactorily completed preliminary analysis and conceptual design.

Kimley-Horn and Associates, Inc. has satisfactorily completed similar work under, and is familiar with the City Standards. Kimley-Horn and Associates, Inc. is also familiar with the design parameters for the New St. Pete PierTM.

Kimley-Horn and Associates, Inc. has significant experience in the design, permitting and construction phase activities of roadway and pedestrian safety improvements.

This is the first Amendment to the tenth Task Order issued under the 2016 Master Agreement.

2. Transaction Report listing current work – See Attachment A

ATTACHMENT A

Transaction Report
for
Kimley-Horn and Associates, Inc.
Miscellaneous Professional Services for Traffic Calming, Bicycle/Pedestrian Projects
A/E Agreement Effective - June 1, 2016
A/E Agreement Expiration - May 4, 2020

| Task Order No. | Project No. | Project Title | NTP Issued | Authorized Amount |
|----------------|-------------|--|--|--|
| 01 | 16018-111 | SWWF Drainage Improvements & DRC | 07/12/16 | 29,615.00 |
| 02 | Transp | Complete Streets Implementation Plan Revision No. 1 - Extend Project Completion Date | 12/02/16 12/06/17 | 194,700.00 -0- |
| 03 | 17069-112 | Reduced Speed Zone Review 1 | 02/15/17 | 13,000.00 |
| 04 | 16096-122 | 4th A/N Lane Reduction Study | 01/11/17 | 28,400.00 |
| 05 | 17041-112 | 5th A/N to 4th S/N Lane Reduction Study Rev. No. 1 - Task 4-6 | 12/08/16 06/27/17 | 26,000.00 2,723.60 |
| 06 | 17064-111 | SWWRF Access Improvements - Traffic Study Rev. No. 1 - 72-Hour Tube Counts Amend. No. 1 - Data Collection, Permit, etc. Rev. No. 2 - Justification Summary Memo & Probable Cost | 03/07/17 06/19/17 08/04/17 10/23/17 | 72,393.44 1,985.97 48,142.00 9,705.20 |
| 07 | | Cancelled - Not Used | | |
| 08 | 17103-112 | St. Pete Innovation District Design Services for District Definition, 4th Street and 5th Street | 11/13/17 | 254,134.70 |
| 09 | TRANSP | Traffic Study and Simulation for MLK Resurfacing Concepts Revision No. 1 - Task 8 | 01/17/18 01/30/18 | 17,025.52 9,775.28 |
| 10 | 18096-112 | Pier Approach - 2nd Ave NE Preliminary Analysis Revision No. 1 - Revised Concept Plan Amendment No. 1 | 03/19/18 05/07/18 Pending | 42,583.70 |
| | | | Total: | 750,184.41 |

AMENDMENT NO. 1 TASK ORDER NO. 16-10-KH/T
PIER APPROACH - 2ND AVENUE NE IMPROVEMENTS
TRAFFIC CALMING, BICYCLE/PEDESTRIAN AND DEVELOPMENT OF REGIONAL IMPACT
PROJECTS CITY PROJECT NO. 18096-112

This Amendment No. 1 to Task Order No. 16-10-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

The City desires to identify roadway and intersection improvements along 2nd Avenue NE from Beach Drive NE to Bay Shore Boulevard as part of the connection to the Pier Approach. The A/E performed planning phase services for the roadway improvements. Under the initial Task Order, the City requested that the A/E provide preliminary analysis services for the roadway improvements that include the reconstruction of 2nd Avenue NE with the addition of a linear park, a single-lane roundabout at Bay Shore Boulevard, and traffic signal modifications at Beach Drive NE.

At the City's request, the A/E was authorized under Revision No. 1 to prepare a photorealistic 3D digital illustrative model of the proposed roundabout at Bay Shore and 2nd Avenue NE.

For this Amendment No. 1 to the Task Order, the A/E will complete the design package for the project as described in the Scope of Services.

II. SCOPE OF SERVICES

Task 3 – 2nd Avenue Roadway Design Improvements

The A/E will prepare a complete Streetscape Design Package as described below. This work effort includes the roadway and drainage, utility adjustment/relocations, needed to prepare a set of Roadway Plans, Drainage Plans, Traffic Control Plans, Traffic Signal Plans, Signing and Pavement Markings, Utility, Environmental Permits (exemptions) and other necessary documents.

A. General/Project Administration

Project administration activities will be undertaken throughout the project that will include the following:

- Project Setup: The A/E will establish project files, project work plan, initiating

accounting system.

- **Kick-off Meeting:** The A/E will participate in a kick-off meeting with the City and the project team.
- **Monthly Progress Meetings:** The A/E will meet with the City to review the progress of work, to conduct project reviews and to coordinate with utility companies. The A/E will maintain the project schedule and review/update the schedule at each progress meeting. Six (6) monthly meetings are budgeted for this project.
- **Progress Reports and Invoices:** The A/E will prepare a monthly progress report to be included with the monthly invoice.

B. Streetscape Roadway Design Improvement Plans

The A/E will prepare roadway design plans on 11"x17" sheets depicting the needed streetscape improvements. The streetscape improvement design plans will consist of the following sheets:

1. **Key Sheet.**
2. **General Notes.**
3. **Typical Sections** – Roadway typical section sheets will be prepared to illustrate the recommended roadway improvements based upon the conceptual plan.
4. **Drainage Map** – An overall drainage map depicting contributing basin areas, flow directions and existing and proposed collection system will be presented.
5. **Streetscape Improvement Plan / Profile Sheets** – The plan / profile sheets will detail geometric design requirements, pavement resurfacing, pavement widening, turn lane additions, turnouts for intersecting streets/driveways, sidewalk, hardscape and re-alignment in areas of pavement widening, drainage structure modifications, and erosion control measures. Plan sheets will include individual property owner names and addresses for each parcel located along the corridor.
6. **Intersection Details** – Where needed, the detailed grading improvements to intersections will be provided.
7. **Drainage Structure Sections and Tabulation** – Construction plan sheets providing a tabular listing of drainage structure ID's, FDOT Index references, pipe inverts and pavement elevations and Drainage structure sections for each drainage structure proposed for the project.
8. **Cross Sections** – Roadway cross sections will be developed at 50-foot intervals.
9. **Miscellaneous Detail sheets**
10. **Traffic Control Plan** - The A/E will design a safe and effective (Level II) Traffic Control Plan to move vehicular and pedestrian traffic during all phases of construction. The design will include construction phasing of roadways ingress and egress to existing property owners and businesses, routing, signing and pavement markings, and detour quantity tabulations, roadway pavement, drainage structures, ditches, front slopes, back slopes, drop offs within clear zone, and traffic monitoring sites. Special consideration will be given to the construction of the drainage system when developing the construction phases. Positive drainage must be maintained at all times. Maintenance of Traffic requirements for the construction of this project will be provided through the use of typical sections, detailed plans, general notes and reference to the appropriate FDOT Design Standards (600 Series). In addition, a conceptual MOT phasing plan depicting

detour routes and phase segments of pavement lane closures and traffic shifts will be prepared.

11. **Erosion Control / SWPPP Plans** – Erosion control plans will be prepared depicting site specific erosion control measures, as well as general notes, details and specifications for additional erosion control measures that may be needed depending on site conditions. It is assumed that these plans will constitute the Storm Water Pollution Prevention Plan (SWPPP) that the contractor will utilize during construction.
12. **Utility Adjustment Plans** – Based on information provided by the various wire utility providers in the corridor, proposed utility adjustments will be detailed in plan view on these sheets.
13. **Quantities** – Not included, will be provided by Contractor.
14. **Submittals** – The A/E will submit up to five (5) copies of the roadway plans at 90% and 100% completion stage to the City. In addition, The A/E will submit two (2) copies of the roadway plans at 90% to affected utility companies. Interim plan submittals will provide information generally consistent with the Plans Preparation Manual Checklist for interim submittals. An electronic copy will be provided at the Final plan submittal.
15. **Signing and Marking Plans** - Signing and pavement marking plan sheets, details, signing and General Notes sheet will be provided in accordance with City and MUTCD standards.

C. Roundabout Design Plans

The A/E will prepare design plans for a single-lane roundabout including the approach geometry for each of the four legs based upon the concept plan for the intersection of Bay Shore Drive.

The design of the roundabout will be in accordance with the current edition of NCHRP 672. The design services for the roundabout will include the following:

- Roundabout typical sections
- Roundabout layout, including: Dimensions for all major geometric components including splitter islands, circulatory roadway, truck apron, central island, landscape buffers, sidewalks, cross walks, bicycle bail-out ramps, and lighting.
- Swept Path of the Design Vehicle (truck turning templates for each maneuver) in accordance with NCHRP 672 Section 6.7.2
- Fastest Path Speed Check in accordance with NCHRP 672 Section 6.7.1
- Sight Distance Check in accordance with NCHRP 672 Section 6.7.3
- Roundabout grading plan
- Utility adjustment/relocation coordination and plan.
- Roundabout signing and pavement marking plan

D. Signalization Plans

If requested, the A/E will develop a traffic signalization plan to modify the existing traffic signal at Beach Drive based upon the new configuration of 2nd Avenue NE with new

mast arm pole. Design shall include structural design for the new signal mast arm pole. The plan set will include the following sheets:

- Key sheet
- Notes (Note - tabulation of quantities not included, this will be done by Contractor)
- Signal plans
- Overhead street sign details
- Mast Arm Tabulation and structure tables

The signalization plan will specify the controller and controller peripherals, phasing and initial timings, cabinet location, electrical service, detector amplifiers, loops and lead-ins, conduit, cabling, pull boxes, vehicular signal displays, and pedestrian displays and detector stations, if appropriate.

E. Landscaping, Hardscape and Irrigation Plans

A/E will prepare landscape architecture construction documents consisting of:

- Landscape architecture hardscape plans, with dimensioning/horizontal control for hardscape, furnishings, signage, and other relevant component locations and dimensions.
- Landscape planting plans.
- Landscape irrigation plans.
- Detail sheets for key components.

Documents prepared under this task will be of sufficient detail for bidding, permit applications, and implementation purposes. Details will describe materials, finishes, systems, equipment, workmanship, quality and performance criteria. These documents will be submitted to the Client for review at approximately the 60% stage. Comments received at the 60% stage will be incorporated into the final 100% bid documents.

F. Utility Coordination

The A/E will be responsible for coordinating the proposed design with the affected utility companies in order to minimize utility conflicts. The individual utility owners will designate the existing utilities within the project limits and assist the utilities during the design phase.

Each utility provider will be responsible for the design of their respective utilities for this project. These designs will be provided to the A/E by the utility provider in CADD format for inclusion into the Streetscape Improvement Plans for this project. The A/E will be responsible for coordinating with the utility providers for the proposed construction elements such that utility conflicts are minimized or avoided.

The A/E will provide to the utility owners, electronic PDF files of plans for each of the 90% and 100% submittals. The A/E cannot be responsible for the accuracy of the CADD files after they are provided to the Utility owners, if requested. The A/E will, prior to and during design, obtain available data from the Utility Owners that may be needed to determine the actual location and depth of the underground utilities. The A/E will prepare for and attend up to three (3) utility coordination meetings.

Task 4 – Stormwater Design Services

It is anticipated that stormwater improvements will only be required as needed to modify the existing system to accommodate the new lane configuration/alignment and no additional treatment is needed. It is anticipated that no stormwater permitting will be required for this project since it has been permitted as part of the Pier Approach Project, therefore it is not included in this scope of work.

Included in this scope of work is submittal to SWFWMD for an exemption.

Task 5 – Geotechnical Investigation

A/E's subconsultant, Arehna, will conduct a Geotechnical Study. The purpose of the geotechnical study is to obtain information on the general subsurface conditions at the proposed signal pole locations. The subsurface materials encountered will then be evaluated with respect to the available project characteristics. In this regard, our deliverable will be a written report along with standard Report of Core Boring Sheets in accordance with FDOT standards.

The following services will be performed to achieve the above-outlined objectives:

- Coordinate utility location services and Sunshine State One-Call.
- Obtain Right of Way permit if needed. We assume that the cost of the permit will be waived.
- Access the intersection with truck or track-mounted drilling equipment. We assume that the boring location may be accessed during normal business hours and may require some minimal maintenance of traffic.
- Perform one Standard Penetration Test (SPT) boring to a depth of 25 feet at the proposed signal pole location. Samples will be collected and Standard Penetration Test resistances will be measured at approximate intervals of two feet for the top ten feet and at approximate intervals of five feet thereafter.
- Visually classify and stratify soil samples in the laboratory using the Unified Soil Classification System and conduct a limited laboratory testing program as needed for stratification.
- Report the results of the field exploration, lab testing, and engineering analysis. The results of the subsurface exploration will be presented in a written report, signed and sealed by a professional engineer specializing in geotechnical engineering. The data obtained will be summarized on standard Report of Core Boring Sheets.

Task 6 – Subsurface Utility Engineering

A/E's subconsultant, OMNI, will be designating (SUE Level B) the proposed signal pole foundations and (SUE Level A) investigate with non-destructive vacuum excavation to verify that no utilities or underground structures exist. OMNI will designate the horizontal position of all utilities detected using electromagnetic and ground penetrating radar (GPR) equipment in 1 quadrant on 2nd Avenue northeast at Beach Drive northeast. OMNI will provide electronic deliverable in AutoCAD or Microstation format and a signed and sealed Surveyors Report. Omni will locate and survey all test holes and designation performed during the investigations and provide X, Y and Z. It is the Client's responsibility to provide project control.

Task 7 – Lighting Design

A/E's subconsultant, Arup, developed a lighting design and construction plans for the Pier Approach project. Under this task Arup will modify the design to comply with the proposed improvements associated with this task order including the roundabout at Bay Shore Drive.

Task 8 – Electrical Design

A/E's subconsultant, Voltair, developed the electrical design and construction plans for the Pier Approach project. Under this task Voltair will modify the design to comply with the proposed improvements associated with this task order including the roundabout at Bay Shore Drive.

III. SCHEDULE

Work under this Task Order shall begin no later than 10 days from Notice to Proceed.

| | |
|--------------|---------|
| 30% Comments | 14 Days |
| 90% Plans | 75 Days |
| 90% Comments | 14 Days |
| 100% Plans | 45 Days |

IV. A/E'S RESPONSIBILITIES

The A/E shall provide the services described in Section II, 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:

- Setup meetings with pertinent City staff and stakeholders.
- Review and distribute designs to project team, receive comments and

consolidate and resolve any conflicting comments. Responses will be provided within three weeks after receiving deliverables.

- Review and provide comments on plans in a timely manner.

VI. DELIVERABLES

The A/E will provide copies of the required documents as listed below. These are the anticipated printing requirements for the project. This tabulation will be used for estimating purposes, and the Project Manager will determine the number of copies required prior to each submittal. Five (5) copies will be submitted to the City and additional copies will be submitted to the regulating agencies as required for review and approval.

1. 90% Roadway Plans and Calculations,
2. 100% Roadway Plans and Calculations.

VII. A/E'S COMPENSATION

The A/E was authorized the lump sum amount of \$42,583.70 under the original Task Order for Tasks 1 and 2 (a separate Allowance of \$5,000.00 was not authorized).

Revision No. 1 to the Task Order authorized the A/E the lump sum amount of \$1,513.78 (from the Allowance) for revised Task 1.B.

For this Amendment No. 1 to the Task Order, the city shall compensate the A/E the lump sum amount of **\$122,551.52** for Tasks 3 through 8.

Amendment No. 1 to the Task Order establishes an Allowance 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 for any additional services shall not exceed the amount of the allowance set forth in this Amendment No. 1 to the Task Order.

The total amount for Amendment No. 1 to the Task Order is **\$132,551.52**, per Appendix A.

The total available Allowance including Revision No. 1 and Amendment No. 1 is **\$13,486.22**.

The total Task Order amount including Revision No. 1 and Amendment No. 1 shall not exceed **\$180,135.22**.

VIII. PROJECT TEAM

Prime consultant - Kimley-Horn and Associates, Inc.

This Task Order will utilize the following sub-consultants:

- Arehna Engineering, Inc. – Geotechnical Engineering Services
- Omni Communications, LLC – Subsurface Utility Locates
- Arup – Lighting Design
- Voltair – Electrical Design

IX. MISCELLANEOUS

In the event of a conflict between this Amendment No. 1 to Task Order 16-10-KH/T and the Agreement, the Agreement shall prevail.

IN WITNESS WHEREOF the Parties have caused this Amendment No. 1 to Task Order 16-10-KH/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: _____
(Signature)

SCOTT W. GELNER, PE VP
(Printed Name and Title)

Date: _____
5/10/2018

WITNESSES:

By: _____
(Signature)

JOHN SEALS
(Printed Name)

By: _____
(Signature)

DAWN DOOGUE
(Printed Name)

APPENDIX A
Work Task Breakdown
Pier Approach - 2nd Avenue NE Improvements
Project No. 18096-112

I. Manpower Estimate: All Tasks

| Direct Labor Rates Classifications | Principal | Project Manager | Senior Engineer/ Senior Planner | Senior Landscape Architect | Project Engineer/ Project Planner | Project Landscape Architect | Engineer Intern | Admin Clerical | Total Hours | Labor Cost |
|---|-----------|-----------------|------------------------------------|-------------------------------|--------------------------------------|--------------------------------|-----------------|----------------|----------------|---------------|
| | | | | | | | | | | |
| Direct Salary | \$84.62 | \$73.56 | \$57.22 | \$49.52 | \$46.64 | \$92.22 | \$51.98 | \$20.00 | | |
| Multiplier/Overhead 152.16% | \$162.61 | \$141.36 | \$109.96 | \$95.16 | \$89.63 | \$181.92 | \$61.46 | \$36.44 | | |
| Profit 12% | \$29.67 | \$25.80 | \$20.07 | \$17.37 | \$16.36 | \$33.30 | \$11.22 | \$7.02 | | |
| 2017 Billing Rates | \$276.90 | \$240.72 | \$187.25 | \$162.05 | \$152.63 | \$305.44 | \$104.66 | \$65.46 | | |
| TASK | | | | | | | | | | |
| 3. Task 3 - 2nd Avenue Roadway Design Improvements | | | | | | | | | | |
| A. General/Project Administration | | | | | | | | | | |
| Project Setup | | | | | | | | | 0 | \$ - |
| Kick-off Meeting | | | | | | | | | 0 | \$ - |
| Monthly Progress Meetings (6 - 30 min conf calls) | | 3 | | | | | | | 3 | \$ 722.16 |
| Progress Reporting/Invoicing | | 4 | | | | | | 8 | 12 | \$ 1,486.56 |
| B. Streetscape Roadway Design Plans | | | | | | | | | | |
| Horizontal/vertical master design | | | 12 | | 20 | | | | 32 | \$ 5,299.60 |
| Cross Section Design | | | 2 | | 16 | | | | 18 | \$ 2,616.58 |
| Traffic Control analysis/Design | | 3 | 8 | | 12 | | | | 23 | \$ 4,051.72 |
| Key Sheet | | | | | | | 1 | | 1 | \$ 104.66 |
| General Notes | | | 1 | | | | 4 | | 5 | \$ 605.89 |
| Typical Sections | | | 3 | | | | 8 | | 11 | \$ 1,399.03 |
| Plan and Profiles | | | 3 | | | | 20 | | 23 | \$ 2,654.95 |
| Survey reference sheet | | | | | | | 2 | | 2 | \$ 209.32 |
| Cross Section sheets | | 1 | 2 | | | | 8 | | 11 | \$ 1,452.50 |
| Traffic Control Plans/detours | 2 | | 8 | | 16 | | 32 | | 58 | \$ 7,843.00 |
| Erosion Control/SWPPP plan | | | | | 2 | | 6 | | 8 | \$ 935.22 |
| Signing and Pavement Marking Plan | | | | | 4 | | 16 | | 20 | \$ 2,285.08 |
| Utility Adjustment Sheet | | | | | 2 | | 10 | | 12 | \$ 1,351.86 |
| Utility Plan and Profile | | | 2 | | 16 | | 10 | | 28 | \$ 3,643.18 |
| QA/QC | 2 | 4 | | | | | | | 6 | \$ 1,516.68 |
| C. Roundabout Design Plans | | | | | | | | | 0 | \$ - |
| Horizontal/vertical master design | | 4 | 12 | | 48 | | | | 64 | \$ 10,136.12 |
| Cross Section Design | | | 3 | | 15 | | 8 | | 26 | \$ 3,682.48 |
| Typical Sections | | | 4 | | 18 | | | | 22 | \$ 3,496.34 |
| Roundabout Plan sheet | | | 6 | | 12 | | 24 | | 42 | \$ 5,466.90 |
| Sweepth path vehicle turning templates | | | 2 | | 6 | | | | 8 | \$ 1,290.28 |
| Fastest path speed check | | | 2 | | 8 | | | | 10 | \$ 1,595.54 |
| Sight Distances/light triangle assessment | | | 1 | | 4 | | | | 5 | \$ 797.77 |
| Grading Sheet | | | 2 | | | | 20 | | 22 | \$ 2,467.70 |

| Cross Section sheets | | | | | | | | | |
|---|---|---|---|----|----|----|----|----------|--|
| QA/QC | 4 | 8 | 1 | 2 | 12 | 15 | \$ | 1,748.43 | |
| D. Signalization Plan | | | | | | | | | |
| Master design file | | | 3 | 16 | | 19 | \$ | 3,003.83 | |
| Field review | | | 4 | | | 4 | \$ | 749.00 | |
| Structural design of mast arm (1) | 4 | | | 4 | | 8 | \$ | 1,718.12 | |
| Quantities | | | 1 | 4 | | 5 | \$ | 797.77 | |
| Key Sheet | | | | | | 2 | \$ | 209.32 | |
| Signal Plan Sheet | | | 1 | | | 9 | \$ | 1,024.53 | |
| Mast Arm Tabulation sheet | | | 1 | 3 | | 4 | \$ | 645.14 | |
| Overhead street name sign details | | | 1 | 3 | | 4 | \$ | 645.14 | |
| QA/QC | | 4 | | | | 4 | \$ | 962.88 | |
| E. Landscape, Hardscape, and Irrigation Plans | | | | | | | | | |
| Sheet set up | | | | | | 0 | \$ | - | |
| Site review | | | | | 4 | 4 | \$ | 421.76 | |
| Notes and details | | | 2 | | 4 | 6 | \$ | 745.86 | |
| Landscape layout | | | 2 | | 6 | 8 | \$ | 956.74 | |
| Irrigation schematic layout | | | 3 | | 8 | 11 | \$ | 1,329.67 | |
| Site furnishings and hardscape details | | | 8 | | 14 | 22 | \$ | 2,772.56 | |
| Hardscape layout | | | 2 | | 8 | 10 | \$ | 1,167.82 | |
| Specifications | | | 2 | | 12 | 14 | \$ | 1,589.38 | |
| QA/QC | | 4 | 3 | | | 3 | \$ | 486.15 | |
| F. Utility Coordination | | | | | | | | | |
| Meetings with City Utility Departments (1) | | 2 | 3 | 12 | 12 | 27 | \$ | 3,649.23 | |
| | | | | 2 | | 4 | \$ | 786.70 | |
| | | | | | | 0 | \$ | - | |
| 4 Task 4 - Stormwater Design Services | | | | | | 0 | \$ | - | |
| A. Stormwater Design Coordination/Permitting | | | | | | | | | |
| Drainage Design Analysis | | | | | | 0 | \$ | - | |
| SWP/MD Coordination | | 2 | | 2 | | 0 | \$ | - | |
| Drainage Design Report | | | 1 | 1 | | 4 | \$ | 786.70 | |
| | | | | | | 1 | \$ | 152.63 | |
| | | | | | | 0 | \$ | - | |
| 5 Task 5 - Geotechnical Investigation | | | | | | 0 | \$ | - | |
| | | | | | | 0 | \$ | - | |
| 6 Task 6 - Subsurface Utility Engineering | | | | | | 0 | \$ | - | |
| | | | | | | 0 | \$ | - | |
| 7 Task 7 - Lighting Design | | | | | | 0 | \$ | - | |
| 8 Task 8 - Electrical Design | | | | | | 0 | \$ | - | |

[illegible]

| Task | Labor Cost | Expenses ² | Subconsultant Services | Mark-up on Subconsultant Services ³ | Total Cost Without Allowance |
|-------|-------------|-----------------------|------------------------|--|------------------------------|
| 3 | \$97,341.19 | \$1,000.00 | \$0.00 | \$0.00 | \$98,341.19 |
| 4 | \$959.33 | \$150.00 | \$0.00 | \$0.00 | \$1,089.33 |
| 5 | \$0.00 | \$0.00 | \$2,500.00 | \$125.00 | \$2,625.00 |
| 6 | \$0.00 | \$0.00 | \$4,500.00 | \$225.00 | \$4,725.00 |
| 7 | \$0.00 | \$0.00 | \$7,700.00 | \$385.00 | \$8,085.00 |
| 8 | \$0.00 | \$0.00 | \$7,320.00 | \$366.00 | \$7,686.00 |
| Total | \$98,260.52 | \$1,150.00 | \$22,020.00 | \$1,101.00 | \$127,531.52 |

| | |
|------------------------|--------------|
| Lump Sum | \$122,551.52 |
| Allowance ⁴ | \$10,000.00 |
| Total: | \$132,551.52 |

1. Rate x overhead = profit (per contract).
2. Includes expenses for: Plotting and local mileage
3. Includes 5 percent markup of SUBCONSULTANT (per contract).
4. Allowance to be used only upon City's written authorization.



ENGINEERING AND CAPITAL
IMPROVEMENTS DEPARTMENT
CITY OF ST PETERSBURG

APPROVED BY:

DATE

5/10/2018

Roadway Improvements - 2nd Ave NE Connection to Pier
Project No. 18096-112



