

**SPECIFIC AUTHORIZATION NO. 2**

**CITY OF FORT PIERCE INDIAN HILLS RECREATION AREA PROJECT –  
FLORIDA SHARED-USE NONMOTORIZED TRAIL NETWORK AGREEMENT**

**SCOPE OF SERVICES**

Pursuant to the provisions contained in the “RFQ No. 2013-005 – Professional Services Agreement” between The City of Fort Pierce (hereinafter referred to as “CITY”) and Kimley-Horn and Associates, Inc. (hereinafter referred to as “ENGINEER”) dated the \_\_\_\_\_ 5th \_\_\_\_\_ day of \_\_\_\_\_ January \_\_\_\_\_ 2015, CITY authorizes the ENGINEER to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The CITY desires additional services related to the improvement of the recreational trails at the Indian Hills Recreation Area, hereinafter referred to as the “Project”.

This Project is not an FDOT funded project.

**Section 1 - Scope of Work and Schedule of Services**

ENGINEER will provide the following services in accordance with this AUTHORIZATION:

Professional consultant services are required for the preparation of bid documents and specification package to support the design and bidding of improvements to the recreational trails within the Indian Hills Recreation Area. The engineer will prepare the bid and specification packages to meet the requirements established by FDOT for the SUN Trail Network. The Project is more particularly described in Exhibit “A”, attached hereto and incorporated by reference herein.

**Section 2 - Deliverables**

ENGINEER shall provide the following deliverables to the CITY as listed below and as described in Exhibit “A”, attached hereto and incorporated by reference herein:

Construction Documents	3 Month from NTP
Bid Specification Package	3 Month from NTP

**Section 3 - Method and Amount of Compensation**

CITY will compensate ENGINEER for services under this AUTHORIZATION in accordance with the payment method as set forth in the attached Exhibit “B”, attached hereto and incorporated by reference herein.

The budget (or fee) for the services is not to exceed \$55,400.00

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**Section 4 - CITY's Responsibilities**

CITY hereby designates City Engineer or designee as CITY's representative pursuant to Section 8 of the AGREEMENT.

**Section 5 - Other Provisions**

All applicable portions of the AGREEMENT not specifically modified herein shall remain in full force and effect and are incorporated by reference herein. Please note that the following services are not included in our proposal:

**IN WITNESS WHEREOF**, this AGREEMENT, consisting of eight pages has been fully executed on behalf of the ENGINEER by its duly authorized officer, and the CITY has the same to be duly executed in its name and in its behalf, effective as of the date herein above written.

**CITY OF FORT PIERCE, FLORIDA:**

By: \_\_\_\_\_  
Linda Hudson, Mayor

Date: \_\_\_\_\_

Attest: \_\_\_\_\_  
City Clerk

**~~KIMLEY HORN~~ & ASSOCIATES, INC.**

By: \_\_\_\_\_  
Brian Good, P.E, Senior Vice President

Date: 3/7/17

**APPROVED AS TO FORM & CORRECTNESS:**

By: \_\_\_\_\_  
City Attorney

Date: \_\_\_\_\_

**EXHIBIT "A"**  
**DETAILED DESCRIPTION OF THE PROJECT**  
**AND**  
**ENGINEER SCOPE OF SERVICES**

**CITY OF FORT PIERCE INDIAN HILLS RECREATION AREA PROJECT – FLORIDA**  
**SHARED-USE NONMOTORIZED TRAIL NETWORK AGREEMENT**

**OVERVIEW:**

As authorized under Florida Statute 339.81, the FDOT is directed to make use of its expertise in efficiently providing transportation projects to develop a statewide system of paved non-motorized trails as a component of the Florida Greenways and Trails System (FGTS). As such, the City of Fort Pierce and the Florida Department of Transportation (FDOT) have entered into an agreement to cooperatively improve portions of the existing recreational trail constructed within the Indian Hills Recreation Area. The improved recreational trails within the Indian Hills Recreational Area are intended to be a component of the larger Florida Shared-Use Nonmotorized (SUN) Trail Network.

**PROJECT DESCRIPTION:**

Professional consultant services are required for the preparation of construction documents and specification package to support improving recreational trails within the Indian Hills Recreation Area to meet the requirements established by FDOT for the SUN Trail Network. The improved trail limits within the Indian Hills Recreation Area are as depicted on the following page.

The multi-use trail is proposed to be constructed from rigid pavement, and will be typically 12 feet wide, but may commonly vary from 10 feet to 14 or more feet depending upon constraints or volume of use. In some areas of extreme constraints such as at bridges or in environmentally sensitive areas, the trail may be as narrow as eight feet. The goal is to construct a 12-foot-wide trail.

INDIAN HILLS  
GOLF COURSE



GRAPHIC SCALE IN FEET  
0 50 100 200



**PROPOSED FLORIDA SHARED USE  
NON-MOTORIZED TRAIL NETWORK  
IMPROVEMENT LIMITS**

PUBLIC WORKS DRIVE

VANNAH ROAD

SAVANNAH ROAD

FLORIDA EAST COAST RAILWAY

SOUTH INDIAN RIVER DRIVE

## **DESCRIPTION OF TASK DELIVERABLES:**

The ENGINEER agrees to perform professional roadway design and related services in connection with the project as required and set forth in the following:

### A. General:

1. The ENGINEER will endeavor not to duplicate any previous work done on the project. After issuance of written authorization to proceed, the ENGINEER shall consult with the CITY to clarify and define the requirements for the project and review available data.
2. The ENGINEER will attend conferences with the CITY and its representatives upon reasonable request.
3. In order to accomplish the work described under this Task Order in the time frames and conditions set forth, the ENGINEER will observe the following requirements:
  - a. The ENGINEER will complete his work on the project within the time allowed by maintaining an adequate staff of registered engineers, draftsmen, and other employees on the work.
  - b. The ENGINEER will design the project in such a manner as to be in reasonable conformance with applicable federal, state and local laws, and shall comply with the Florida Department of Transportation's Plans Preparation Manual Design Criteria, latest edition.
  - c. The ENGINEER will prepare all necessary sketches and completed application forms to accompany the CITY's applications for required federal, state, or local permits.
  - d. The ENGINEER will cooperate with the CITY in order that all phases of the work may be properly scheduled and coordinated.
  - e. The ENGINEER will send a complete preliminary set of construction plans to any city, county, state, regional or federal regulatory agency from which a permit or other approval is required prior to final approval of the design by the City Engineer, and will coordinate the project design with all applicable agencies.
4. Compensation to the ENGINEER for basic services shall be in accordance with

Section IV – Compensation, of this Agreement, as mutually agreed upon by the ENGINEER and CITY.

B. Construction Documents:

The ENGINEER will develop construction documents to adequately define the horizontal and vertical location of the proposed trail improvements. The construction documents will consist of the following:

*Construction Documents:*

The ENGINEER will prepare engineering plans, profiles and cost estimates utilizing the survey data collected by the ENGINEER. The design shall be consistent with Federal, State and County standards for construction of a drainage system and conform to the County Land Development Regulation's Standards and Codes, where applicable. The ENGINEER will develop the construction cost estimate utilizing construction line items, quantities, unit prices and individual line item totals. Preliminary engineering plans will be submitted to City staff at the time of 60% completion and consist of the following, but not limited to:

- Cover Sheet
- Civil Abbreviations, Index and Legend Sheet
- General Notes and Specifications Sheet
- Key Map and Site Plan Sheet
- Paving, Grading and Drainage Plan Sheet (minimum scale 1"=20' on 24"x36" sheets)
- Detail Sheets

The ENGINEER will furnish two full size (24"x36") copies and two half size (11"x17") copies of the preliminary engineering plans, cost estimate and preliminary calculations to City staff at the predetermined deliverable date. All deliverables shall also be submitted in PDF format. The ENGINEER will submit plans to the City Staff at the 60% design milestone. Based upon comments provided by the City regarding the preliminary engineering plans (60% submittal), the ENGINEER will prepare final construction design plans and an updated construction cost estimate for bidding and construction. Final plans and calculations will be submitted to City staff and all necessary permit agencies for review and permitting. All changes resulting from comments will be addressed by the ENGINEER to finalize the engineering plans and construction cost estimate.

The ENGINEER shall include the City's boiler plate general agreement and conditions to the contract document and specifications and is to submit, for review and approval, a completed contract document to the City. The ENGINEER will

furnish two full size (24"x36") copies and two half size (11"x17") copies of the final design plans and construction cost estimate to City.

C. Bid & Specification Packages:

The ENGINEER will prepare the City's Standard Unit Price Construction Contract, inclusive of the project specification package and bid blank form (pay items and quantities) necessary to competitively bid the contemplated scope of work.

**TIME OF PERFORMANCE:**

Construction Documents	3 months from NTP
Bid and Specification Package	3 months from NTP

**EXHIBIT "B"**

**COMPENSATION**

The CITY agrees to pay and the ENGINEER agrees to accept for services rendered pursuant to fees in accordance with the following:

- A. Professional Services Fee: The basic compensation mutually agreed upon by the ENGINEER and the CITY follows:

Lump Sum Tasks

<u>Task Description</u>	<u>Fee</u>
Supplemental Design Survey	\$ <u>5,500</u>
Construction Documents	\$ <u>41,250</u>
Bid & Specification Package	\$ <u>8,650</u>
<b><u>Grand Total</u></b>	<b>\$ <u>55,400</u></b>

Compensation will be computed at the hourly rates of

Project Manager	\$	165.00
Assistant Project Manager	\$	140.00
Senior Engineer	\$	125.00
Engineer	\$	105.00
Engineering Technician	\$	90.00
Draftsperson	\$	85.00
Registered Land Surveyor	\$	120.00
Survey Technician	\$	75.00
Survey Crew	\$	95.00
Secretary	\$	50.00