

INDIVIDUAL PROJECT ORDER NUMBER 44

Describing a specific agreement between Kimley-Horn and Associates, Inc. (“Kimley-Horn”), and Board of Sumter County Commissioners (“the County”) in accordance with the terms of the Master Agreement for Continuing Professional Services dated September 22, 2020, which is incorporated herein by reference.

Identification of Project:

Project: Sumter County Firing Range and SIU

Client: Board of Sumter County Commissioners

Project Manager: Gary Levensgood, P.E.

Project Understanding:

Under a separate Agreement with Harvard Jolly Architecture, Kimley-Horn will prepare design and permit applications at the Sheriff’s Office Training Facility, a ±24-acre portion of existing Sumter County owned Parcel J21-005. This Project Order includes surveying services, geotechnical investigation and permitting services to be procured by the County directly through the Master Agreement for Continuing Professional Services.

Specific Scope of Basic Services:

Task 1 – Boundary and Topographic Survey

- A. Through a local subconsultant, Kimley-Horn will provide Topographic information for the Project Area. State Plane Coordinates will be referenced to Florida West State Plane Coordinate System, NAD-83, 2011 adjustment. The survey will include the following:
- 1) Horizontal data will meet or exceed Standards of Practice as set forth by the Florida Board of Professional Surveyors and Mappers in Chapter 5J-17.050-052, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes
 - 2) Indicate whether or not the property is located in a flood zone(s). Indicate the FEMA flood zone map(s) reference and the specific flood hazard zone in which the property is located (Zone A, B, C, etc.). If property has multiple flood zone classifications, show, and identify each flood zone and mark the contour lines of each flood zone on the survey.
 - 3) Show measurements and bearings (metes and bounds) to accurately close boundary in clockwise orientation.
 - 4) Locate and provide topography at all above ground improvements
 - 5) Locate existing conditions along contiguous roadways
 - 6) Vertical datum will be on NAVD 1988
 - 7) Tree locations 10” and larger
 - 8) Contours will be shown on a 1’ for minor, and 5’ for major
 - 9) State Plane Coordinates
 - 10) All easements depicted on survey as furnished by client or platted

- 11) Contours will be collected on a 100' grid
- 12) Topographic data to include 50' overlap on all surrounding parcels
- 13) Locate all above ground utilities (gate valves, water meters, etc.)

Task 2 – Geotechnical Engineering Services

- A. Through a local subconsultant, Kimley-Horn will provide the following geotechnical engineering services. The Subconsultant will explore the subsurface conditions present on the Project site by:
 - 1) Performing 2 standard penetration test (SPT) borings to the depth of 25-feet in the area of the proposed structures.
 - 2) Performing 7 SPT borings at the depth of 20 feet with permeability tests in the area of the proposed stormwater ponds.
 - 3) Performing 11 hand augers to the depth of 5 feet in the proposed parking and drive areas.
- A. Each sample encountered will be removed from the sampler in the field and then examined and visually classified by the crew chief. Representative portions will be sealed and packaged for transportation to a laboratory for further analysis as required.
- B. Routine laboratory visual classification will be performed on all samples retrieved. Selected samples will be subjected to testing (i.e. sieve analysis, Atterberg limits, and organic contents, etc.) as deemed necessary to assist in the classification of the soil and to determine the physical and engineering characteristics of the soils for use in our evaluation.
- C. Engineering analysis of all data obtained will be made to provide recommendations. Recommendations together with all data collected during the exploration, will be submitted in a written report upon conclusion of the study.

Task 3 – Natural Resource Assessment

- A. Kimley-Horn will conduct a Natural Resource Assessment (NRA) to identify the limits of wetlands and surface waters and upland habitats (including potential sensitive habitats) on-site and will evaluate the potential for usage by listed species. Kimley-Horn will review previously prepared environmental documentation and conduct field reconnaissance on-site. In preparing the NRA, the Consultant will conduct the following tasks:
 - 1) Review readily available natural resource documentation, previous environmental studies (provided by client), readily available permits and listed species information.
 - 2) Review existing GIS databases including the Florida Natural Areas Inventory (FNAI) and the Florida Fish and Wildlife Conservation Commission (FWC) regarding known occurrences of listed species on and near the subject property.
 - 3) Review aerial photography, soils maps, and mapping of existing wetland and surface water features on-site.
 - 4) Review of FEMA FIRM map.
 - 5) Review of Florida Master Site File data for known historic or archaeological resources.
 - 6) Conduct site reconnaissance to review the site and ground-truth the findings from the database searches.

- 7) Conduct a 15% gopher tortoise survey.
- B. Following site reconnaissance and database review, a Technical Memorandum will be prepared summarizing the results of the data collection efforts as well as additional surveys required, if applicable, such as detailed listed species surveys. A summary of federal, state, and local environmental permitting requirements will be prepared as well as a discussion of federal, state, and local jurisdiction of environmental features and a brief discussion of potential mitigation requirements. The following exhibits will be prepared:
- 1) A land cover map classifying the habitats on-site based on the Florida Land Use, Cover, and Forms Classification System (FLUCFCS) and showing approximate acreage of each land cover. The acreage of habitats shown will be approximate based on aerial interpretation.
 - 2) Wetland/Surface Water Map,
 - 3) USGS 7.5 Minute Quadrangle Map,
 - 4) Soils map,
 - 5) Location map,
 - 6) Listed species map/maps, if applicable.

Task 4 –Permit Application Fee Allowance

- A. At the request of the County, Kimley-Horn has included an amount to be utilized as a governmental permit fee expense reimbursement. Up to the amount noted in Table A, Kimley-Horn will provide application fee checks to the permit agencies noted in the above Scope of Services. Because this task is an estimate only, if for any reason any fees beyond the amount noted are required for the Project, the County will execute a contract amendment for those additional amounts prior to Kimley-Horn expending the funds.
- B. At this time, we expect the following permit application fees to be needed for this Project:
- 1) Southwest Florida Water Management ERP
 - 2) Sumter County DOH (On-Site Septic Permit)

Additional Services if Required:

Services not specifically stated in the scope of services above are not included. Compensation for additional services will be agreed to prior to their performance.



Schedule:

Kimley-Horn will provide the services described in the Scope of Services in an expeditious manner based on an agreed upon schedule. The design and permit application submittals will be completed as expeditiously as possible.

Method of Compensation:

Kimley-Horn will provide the Scope of Services for the lump sum fee of \$32,903.00. Please refer to Table A for a breakdown by task of the lump sum fee.

Services provided under this IPO will be invoiced monthly. All invoices will include a description of services provided.

Attachments: TABLE A

BOARD OF SUMTER COUNTY COMMISSIONERS

KIMLEY-HORN AND ASSOCIATES, INC.

BY: _____

BY:  _____

Richard V. Busche, P.E.

TITLE: _____

TITLE: Senior Vice President _____

DATE: _____

DATE: January 18, 2023 _____



**TABLE A
FEE ESTIMATE FOR PROFESSIONAL SERVICES**

PROJECT: SUMTER COUNTY FIRING RANGE & SIU	FILE NO.
CLIENT: BOARD OF SUMTER COUNTY COMMISSIONERS	DATE: JANUARY 2023
KHA PM: GARY LEVENGOOD, P.E.	
BASIS FOR ESTIMATE: 2022 APPROVED RATES PER RFQ 030-0-2020/RS	

TASK NO.	DESCRIPTION	DIRECT LABOR (MAN-HOURS)				
		Project Engineer	Engineering Intern	LABOR HOURS	SUB (\$)	LABOR TOTAL
		\$151	\$118	--	--	--
1.0	BOUNDARY AND TOPOGRAPHIC SURVEY	2	4	6	\$ 14,300.00	\$ 15,074
2.0	GEOTEHCNICAL ENGINEERING SERVICES	2	4	6	\$ 7,070.00	\$ 7,844
3.0	NATURAL RESOURCE ASSESSMENT	15	40	55		\$ 6,985
4.0	PERMIT APPLICATION FEE ALLOWANCE			0	\$ 3,000.00	\$ 3,000
TOTALS		19	48	67	\$ 24,370.00	\$ 32,903.00