

**IRC-1817**

**Indian River Boulevard Pedestrian and Bicycle Access Improvement Project**

**ENGINEERING SERVICES WORK ORDER 16**

This Work Order Number 16 is entered into as of this \_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, pursuant to that certain Continuing Contract Agreement, dated May 2, 2023, ("Agreement"), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida ("COUNTY") and Kimley-Horn & Associates, Inc. ("Consultant").

The COUNTY has selected the Consultant to perform the professional services set forth on Exhibit A (Scope of Work), attached to this Work Order and made part hereof by this reference. The professional services will be performed by the Consultant for the mutually agreed upon lump sum or maximum amount not-to-exceed professional fee. Any additional costs must be approved in writing, and at a rate not to exceed the prices set forth in Exhibit B of the Agreement (Rate Schedule) for RFQ 2023015, made a part hereof by this reference. The Consultant will perform the professional services within the timeframe more particularly set forth in Exhibit A (Time Schedule), attached to this Work Order and made a part hereof by this reference all in accordance with the terms and provisions set forth in the Agreement. Pursuant to paragraph 1.4 of the Agreement, nothing contained in any Work Order shall conflict with the terms of the Agreement and the terms of the Agreement shall be deemed to be incorporated in each individual Work Order as if fully set forth herein.

IN WITNESS WHEREOF, the parties hereto have executed this Work Order as of the date first written above.

CONSULTANT: Kimley-Horn & Associates, Inc.

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

BOARD OF COUNTY COMMISSIONERS OF INDIAN RIVER COUNTY:

By: \_\_\_\_\_  
Joseph E. Flescher, Chairman

BCC Approval Date: \_\_\_\_\_

By: \_\_\_\_\_  
John A. Titkanich, Jr., County Administrator

Approved as to Form and Legal Sufficiency:

By: \_\_\_\_\_  
Jennifer W. Shuler, County Attorney

Ryan L. Butler, Clerk of Court and Comptroller

Attest: \_\_\_\_\_  
Deputy Clerk

(SEAL)

**EXHIBIT #A**  
**Indian River Boulevard Pedestrian & Bicycle Access Improvements Project**  
**Construction Phase Services**  
**Project ID IRC-1817**

**PROJECT UNDERSTANDING**

The County desires to have construction phase services provided to support improving Indian River Boulevard to include dedicated bike lane and pedestrian facilities between US Highway 1 and 17<sup>th</sup> Street, approximately 9,200 linear feet. In addition, the County desires to modify the construction plans to improve the ten (10) transit bus stops located within the project limits. Also, the County desires to modify the 12<sup>th</sup> Street and Indian River Boulevard traffic signal to include a flashing yellow left-turn arrow. A study conducted by the National Cooperative Highway Research Program determined that drivers had fewer crashes with flashing yellow left-turn arrows than with traditional yield-on-green signal configurations.

**SCOPE OF SERVICES**

“SECTION III – SCOPE OF SERVICES” is being modified to incorporate the following:

**Task 1 - Construction Phase Services**

The Consultant will provide professional construction phase assistance as specifically stated below:

1. *Clarifications and Interpretations.* The Consultant will respond to reasonable and appropriate Contractor requests for information and issue necessary clarifications and interpretations of the Contract Documents to the COUNTY as appropriate to the orderly completion of Contractor's work. Any orders authorizing variations from the Contract Documents will be made by the COUNTY.
2. *Change Orders.* The Consultant may recommend Change Orders to the COUNTY and will review and make recommendations related to Change Orders submitted or proposed by the Contractor.
3. *Shop Drawings and Samples.* The Consultant will review and approve or take other appropriate action in respect to Shop Drawings and Samples and other data which Contractor is required to submit, but only for conformance with the information given in the Contract Documents. Such review and approvals or other action will not extend to means, methods, techniques, equipment choice and usage, sequences, schedules, or procedures of construction or to related safety precautions and programs. Shop drawings, samples or certifications are anticipated to be submitted related to the following:

- Roadway and Drainage elements
  - Signing and Marking elements
4. *Applications for Payment.* All applications for payment will be reviewed and approved by the COUNTY.
  5. *Final Notice of Acceptability of the Work.* The County will be responsible for project acceptance, as-built drawing review and permit certifications.
  6. *Limitation of Responsibilities.* The Consultant shall not be responsible for the acts or omissions of any Contractor, or of any of their subcontractors, suppliers, or of any other individual or entity performing or furnishing the Work. The Consultant shall not have the authority or responsibility to stop the work of any Contractor.
  7. *Record Drawing Review and Permit Certification.* The Consultant will review the Record Drawings as submitted by the Contractor. Based upon receiving acceptable Record Drawings from the Contractor, the Consultant will prepare and submit certifications to the following jurisdictional agencies:
    - Indian River County
  8. *Final Notice of Acceptability of the Work.* The Consultant will, promptly after notice from Contractor that it considers the entire Work ready for its intended use, in company with the COUNTY and Contractor, conduct a site visit to determine if the Work is substantially complete. Work will be considered substantially complete following satisfactory completion of all items with the exception of those identified on a final punch list. The Consultant will conduct a final site visit to determine if the completed Work of Contractor is generally in accordance with the Contract Documents and the final punch list so that the PROFESSIONAL may recommend, in writing, final payment to Contractor. Accompanying the recommendation for final payment, the Consultant shall also provide a notice that the Work is generally in accordance with the Contract Documents to the best of the Consultant's knowledge, information, and belief based on the extent of its services and based upon information provided to Consultant upon which it is entitled to rely.

## **Task 2 – Transit Stop Improvements**

The GoLine transit service has ten (10) stops identified along Route 4 between US Highway 1 and 17<sup>th</sup> Street. The approximate location of the existing transit stops are the following:

- Bridge Water Medical Offices (2 stops)
- Indian River Apartments (2 stops)
- 12<sup>th</sup> Street intersection (2 stops)

- 8<sup>th</sup> Street intersection (2 stops)
- Mullinax Ford dealership (1 stop)
- Vista Gardens (1 stop)

### **Task 3 - Signalization Modification Plans**

To improve corridor safety, the COUNTY desires to modify the following traffic signals:

- 12<sup>th</sup> Street and Indian River Boulevard

The existing traffic signal will be modified to include a flashing yellow arrow signal indication. A study conducted by the National Cooperative Highway Research Program determined that drivers had fewer crashes with flashing yellow left-turn arrows than with traditional yield-on-green signal configurations. A flashing yellow arrow must use a separate four section head positioned over the center of the left turn lane.

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**EXHIBIT B – FEE SCHEDULE**

The COUNTY agrees to pay and the Consultant agrees to accept for services rendered pursuant to this Agreement fees inclusive of expenses in accordance with the following:

A. Professional Services Fee

The basic compensation mutually agreed upon by the Consultant and the COUNTY is as follows:

*Cost Plus Max Tasks*

<u>Task</u>	<u>Labor Fee</u>
Task 1 - Construction Phase Services	\$ 141,980

*Lump Sum Tasks*

<u>Task</u>	<u>Labor Fee</u>
Task 2 – Transit Stop Improvements	\$ 63,660
Task 3 – Signalization Modification Plans	\$ 19,560

**Total Project Cost = \$ 225,200**

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## **EXHIBIT C – TIME SCHEDULE**

Upon authorization to proceed by the COUNTY, the services identified above are anticipated to extend through the duration of project construction, which is estimated to be approximately 20 months.

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Summary

**Project Name**

Indian River Boulevard Post Design Services

**Task Summary**

Manhours for project

<i>Task</i>	<i>Principal</i>	<i>Senior Professional</i>	<i>Registered Professional</i>	<i>Professional II</i>	<i>Professional I</i>	<i>Support Staff</i>	<i>Remarks</i>
	\$300	\$270	\$210	\$160	\$130	\$75	
<b>Post Design Services</b>	8	242	120	284	0	48	
<b>Transit Stop Improvements</b>	12	88	0	160	80	4	
<b>Signal Modification</b>	8	28	0	60	0	0	
<b>Total Hours =</b>	28	358	120	504	80	52	
<b>Labor Fee =</b>	\$8,400	\$96,660	\$25,200	\$80,640	\$10,400	\$3,900	
<b>Total Labor Fee =</b>	\$225,200						

Post Design Services

Activity: Post Design Services

Task	Principal	Senior Professional	Registered Professional	Professional II	Professional I	Support Staff	Remarks
<b>Contract File</b>		4				4	
<b>Pre-Construction Mtg</b>		6		12		4	Digital File Preparation for Contractor & Records
<b>Request for Information</b>	8	80	120	120		8	
<b>Shop Drawing Review</b>							
Roadway & Drainage Elements		40		40		4	
Signing & Marking Elements		8		20		4	
<b>Project Coordination</b>		80		80		20	est. 20 months construction duration
<b>Project Certifications</b>							
County		12		12		4	
<b>Project Management</b>		12					
<b>Subtotal</b>	8	242	120	284	0	48	



Transit Stop Improvements

Activity: Transit Stop Improvements

Task	Principal	Senior Professional	Registered Professional	Professional II	Professional I	Support Staff	Remarks
Transit Stop Improvements		40		80	80		
Quantity Adjustment		20		40			
Plan Revisions		20		40			cover, summary of pay items, etc.
Project Coordination	4	4				4	
QA/QC	8						
Project Management		4					
<b>Subtotal</b>	12	88	0	160	80	4	

Signal Modificaiton

Activity: Signal Modification

Task	Principal	Senior Professional	Registered Professional	Professional II	Professional I	Support Staff	Remarks
<b>Signal Mod.</b>							
12th St & IRB		20		60			
<b>Project Coordination</b>	4	4					
<b>QA/QC</b>	4						
<b>Project Management</b>		4					
<b>Subtotal</b>	8	28	0	60	0	0	