

CCNA2018 WORK ORDER 45
AMENDMENT NO. 1
Automated Scale System

This Amendment No. 1 to Work Order Number 45 is entered into as of this ____ day of _____, 2022, pursuant to that certain Continuing Consulting Engineering Services Agreement for Professional Services entered into as of the 17th day of April, 2018, as renewed and amended as of the 18th day of May, 2021 (the "Agreement"), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida ("COUNTY") and Kimley-Horn and 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 fee schedule set forth in Exhibit B (Fee Schedule), attached to this Work Order and made a part hereof by this reference. The Consultant will perform the professional services within the timeframe more particularly set forth in Exhibit C (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 and Associates, Inc.

**BOARD OF COUNTY COMMISSIONERS
OF INDIAN RIVER COUNTY**

By:

Brian A. Good, P.E.

By:

Peter D. O'Bryan, Chairman

Print Name:

Title:

Senior Vice President

BCC Approved Date:

Attest: Jeffrey R. Smith, Clerk of Court and Comptroller

By:

Deputy Clerk

Approved:

Jason E. Brown, County Administrator

Approved as to form and legal sufficiency:

Dylan T. Reingold, County Attorney

AMENDMENT NO. 1
WORK ORDER NUMBER 45
AUTOMATED SCALE SYSTEM
EXHIBIT A
SCOPE OF WORK

PROJECT UNDERSTANDING

Indian River County (County) solid waste disposal district (SWDD) operates a Class I municipal solid waste landfill, that utilizes a single entrance scale for monitoring and tracking incoming loads and tonnages of material delivered. Deliveries include a combination of private (residential) drop-offs, commercial haulers (ex. landscaping contractors) and municipal haulers that service the unincorporated County and municipalities. The County is proposing to add an automated, unmanned, inbound bypass scale that would allow the municipal haulers and commercial haulers that have accounts set up with SWDD to automatically weigh in, drop off and then exit, with the net weight delivered calculated off of pre-recorded tare weight for that particular truck.

At the 30 percent design milestone, SWDD indicated a preference to reconfigure the entrance to place the bypass lane between the two inbound scales, rather than to the north of the new scale. Partial redesign was required to accommodate the change. Amendment No. 1 provides for this redesign, as well as an assessment of automated terminal configuration options, coordination with the scale provider to reflect the change in the terminal configuration and additional construction services to advance the installation of the scale concurrently with the bidding of the balance of the project.

Kimley-Horn (Consultant) will provide the amended Scope of Services, as follows.

SCOPE OF SERVICES

Task 1: Preliminary Design Activities

No change.

Task 2: Design Services

Subtask 2.2 is amended as outlined below.

Subtask 2.1 – 30 Percent Design

No change.

Subtask 2.2 – 60 Percent Design

The Consultant will coordinate with the scale manufacturer to revise the configuration of the new scale and automated terminal to accommodate the center bypass lane. The 30 percent design documents will be revised to reflect the change. The additional guardrail

and bollards required to protect the scale equipment will result in minor redesign of the grading and drainage plans in the immediate vicinity.

Subtask 2.3 – 90 Percent Design and Final Bid Package

No change.

Task 3: Permitting Services

No change.

Task 4: Bidding Services

No change.

Task 5: Construction Phase Services (Not-to-Exceed)

The Consultant will provide additional construction phase services to advance the installation of the scale (pre-purchased by SWDD) while the procurement package for the balance of the project is being advertised. It is anticipated that this will require an additional 45 days of construction duration, with periodic site visits by the Consultant.

Task 6: Record Drawings

No change.

EXHIBIT B

AMENDED FEE SCHEDULE

The Consultant will provide these services in accordance with our Continuing Consulting Engineering Services Agreement for Professional Services dated May 18, 2021, by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida (“COUNTY”) and Kimley-Horn and Associates, Inc., (“Consultant”).

Kimley-Horn will perform Tasks 1 through 6 for the total lump sum fee as detailed below. Individual task amounts are informational purposes only. All permitting, application, and similar project fees will be paid directly by the County.

ESTIMATE FOR ENGINEERING SERVICES

PROJECT: Automated Scale System										
CLIENT: Indian River County										
ESTIMATOR: JTG										
	DIRECT LABOR (MAN-HOURS)					AMENDMENT 1				
TASK	Senior Project Manager	Senior Civil Engineer	Senior Structural Engineer	Civil Engineer	Structural Engineer	KHA Labor Subtotal	Dir Exp (5%)	Amendment 1 Total	Previous Authorization	Amended Total
Task 1 - Preliminary Design	0	0	0	0	0	\$ -	\$ -	\$ -	\$ 10,850	\$ 10,850
<i>Scale Coordination</i>	0	0	0	0	0	\$ -	\$ -	\$ -	\$ 3,150	\$ 3,150
<i>Survey</i>	0	0	0	0	0	\$ -	\$ -	\$ -	\$ 3,850	\$ 3,850
<i>Geotech</i>	0	2	2	0	0	\$ -	\$ -	\$ -	\$ 3,850	\$ 3,850
Task 2 - Design	14	20	4	0	0	\$ 8,550	\$ 428	\$ 8,978	\$ 24,320	\$ 33,298
<i>2.1 - 30%</i>	0	0	0	0	0	\$ -	\$ -	\$ -	\$ 8,050	\$ 8,050
<i>2.2 - 60%</i>	12	16	2	0	0	\$ 6,750	\$ 338	\$ 7,088	\$ 9,120	\$ 16,208
<i>2.3 - 90% and Final Bid Package</i>	2	4	2	0	0	\$ 1,800	\$ 90	\$ 1,890	\$ 7,150	\$ 9,040
Task 3 - Permitting	0	0	0	0	0	\$ -	\$ -	\$ -	\$ 7,540	\$ 7,540
Task 4 - Bidding	0	0	0	0	0	\$ -	\$ -	\$ -	\$ 6,300	\$ 6,300
Task 5 - Construction Services	2	4	2	4	8	\$ 3,660	\$ 183	\$ 3,843	\$ 21,720	\$ 25,563
Task 6 -Record Drawings	0	0	0	0	0	\$ -	\$ -	\$ -	\$ 2,700	\$ 2,700
TOTALS	16	24	6	4	8	\$ 12,210	\$ 611	\$ 12,821	\$ 73,430	\$ 86,251

Lump sum fees will be invoiced monthly based upon the overall percentage of services completed. Payment will be due per the contract terms.

ADDITIONAL SERVICES

The following services are not included in the Scope of Services for this project but may be required depending on circumstances that may arise during the execution of this project. Additional services may include, but not be limited to the following:

- Environmental Services (surface water impacts, gopher tortoise relocation, etc.)
- Instrumentation design, integration, testing or training
- Irrigation system relocation design (County to complete) for piping affected by the widening of the entry road

EXHIBIT C

TIME SCHEDULE

Task 1 Deliverables: No Change
Task 2 Deliverables: 30 Percent Design – Additional 4 Weeks
60 Percent Design – Additional 4 Weeks
90 Percent Design – No Change
Final Bid Documents – No Change
Task 3 Deliverables: PERMITS TBD
Task 4 Deliverables: Advertise – Upon Site Plan Approval
Open Bids – 4 weeks from Advertisement
Award of Contract – 4 weeks from Bid Opening
Task 5 Duration: Approximately 4 Months
Task 6 Deliverables Record Drawings – 4 weeks from Completion of Construction