

CCNA2018 WORK ORDER ____
IRC-1712
Wabasso Causeway Fishing Pier Demolition

This Work Order Number 3 is entered into as of this ____ day of _____, 201_, pursuant to that certain Continuing Consulting Engineering Services Agreement for Professional Services entered into as of this 17th day of April, 2018 (collectively referred to as the "Agreement"), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida ("COUNTY") and Atkins North America, 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:
ATKINS NORTH AMERICA, INC.

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

By: _____

By: _____

Print Name: Kenneth M. Good, P.E.

Bob Solari, Chairman

Title: Sr. Engineer, Project Mgr.

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

EXHIBIT A

Proposal to Provide Professional Engineering Services for IRC-1712 – Work Order 03 Additional Construction Services Wabasso Fishing Pier Demolition Wabasso, Florida

Indian River County (County) has requested continued services in support of the Wabasso Fishing Pier Demolition Project under the terms of the Continuing Contract Agreement for Continuing Engineering Services (dated April 17, 2018). The Wabasso Fishing Pier was significantly impacted by the passing of Hurricane Matthew in early October 2016, causing the loss of 100' from the 525' west span and 300' from the 475' east span. The County has requested an additional scope of services to assist with construction services for the full demolition of the Wabasso Fishing Pier.

It is anticipated that the demolition will include the following elements:

- West Pier
 - Removal of eight intact 50' pier span sections
 - Removal of one intact 25' pier span section (at abutment)
 - Removal of two damaged/displaced/submerged 50' pier span section
 - Removal of eleven intact pile pairs with caps
 - Removal of 150' of upland sidewalk
- East Pier
 - Removal of three intact 50' pier span sections
 - Removal of one intact 25' pier span section (at abutment)
 - Removal of six damaged/displaced/submerged 50' pier span section
 - Removal of five intact pile pairs with caps
 - Removal of five damaged/displaced/submerged pile pairs with caps
 - Removal of 100' of upland sidewalk

SECTION 1 SCOPE OF SERVICES

CONSTRUCTION SERVICES

The Engineer will provide daily observations during removal/lifting of the pier components from their current location (as identified on plan sheets V-102 and V-103), a review of components ready for deployment prior to deployment, and a review of the Contractor's lift plan.

The anticipated additional construction services shall include the following tasks:

A. Daily Construction Observations – Pier Component Removal

The Engineer will conduct daily site visits while pier segments are being removed from the water to observe and document the removal of each required component. Site visits will include observations of the demolition operations from the bridge or adjacent shore. Site visits will not include; observations from on the water or a vessel, diving or underwater observations, or

observations at the reef disposal site. These site visits are not intended to be exhaustive or to extend to every aspect of the work. The primary purpose of the visits and observations will be to verify and record/document the removal of the individual pier components. Each field visit will be documented via a daily observation report that will include an itemized list of each component removed during that day's work, photos of the daily operations, and a written record of any key observations.

It is anticipated that the Engineer will make at total of twenty such visits with each visit requiring up to twelve hours (longer work days expected during summer daylight). However, the actual number of days with removal activities and the length of each work day is dependent on the Contractor's schedule. The proposed not-to-exceed price for this additional work is based on the anticipated number of days and hours. It is understood that variation due to the Contractor's schedule, operations, and other factors outside the Engineer's control may necessitate a request for an amendment to this work order to be approved by the Indian River County.

B. Review of Pier Components Readied for Deployment

The Engineer will conduct up to three additional site visits to perform a review of the components readied for deployment, prior to their deployment. It is expected these visits will be coordinated with the USACE's pre-deployment evaluation. The primary purpose of this review will be to confirm railings, rebar, cables, and other metal have been removed and cut in accordance with the USACE permit, and that the required minimum component size is met. The review will be limited to what is visible and apparent during a walk-around visual observation. It is assumed this review will take place on a barge near the project area or at a staging yard within Indian River County, require no more than eight hours each, and the Contractor will provide access to the readied components, via boat or otherwise, to facilitate the review.

C. Review of Contactor's Lift Plan

The Engineer will review the Contractor's lift plan for the 50' (est 25 tons each) pier deck sections. This review will include, but is not necessarily limited to the following:

- Crane and barge certifications
- Operator qualifications
- Applicable licenses
- Crane and barge operating envelopes and capacities
- Proposed rigging arrangements and capacities

This is not intended to be a certification of the proposed plan. The ultimate responsibility for a safe lift lies with the Contractor. However, this review is intended to provide the County with a reasonable level of confidence that due diligence has been performed in preparing for the proposed lifts.

SECTION 2 ASSUMPTIONS AND EXCLUSIONS

1. The proposed fee for these additional services is based on the assumptions the project will be substantially complete within 60 days from the Notice to Proceed date, the days of lifting the components (where daily observation is provided) will not exceed twenty days or involve work days exceeding twelve hours, and the number of offshore deployments will not exceed three. In the event the project exceeds these assumptions, a request for an amendment to this work order, to be approved by Indian River County, should be submitted.

2. It is assumed the pedestrian bridge to be demolished is owned by the County, and that coordination with, or approvals from, FDOT will not be required for its removal.
3. It is assumed that the demolition work will be managed from the waterside (i.e. a barge) and that no work will be conducted from the highway bridge. If it is determined that work will be done from the highway bridge, coordination and approval from FDOT may be required. Such coordination and approval would be outside this scope of services and would be considered an additional service.
4. It is understood that the County obtained regulatory approval for disposal of the pier demolition debris at an offshore location. This work was done by internal County staff. Further, it is understood the County is responsible for any required direction, instruction, inspection, or observation involving transport to the placement site and activities at the placement site. The Engineer's responsibilities concerning the debris will end with the completion of the visual observation described in 5. B. above.
5. Seagrass monitoring and reporting is not included with this scope and fee.
6. Services associated with regulatory compliance for the offshore reef are not included with this scope. It is assumed that County staff will handle such service since they secured the reef approval directly. Atkins can provide assistance with the reef site as an additional service if requested.
7. Only those services specifically mentioned in Section 1 are included with this scope of services. Additional services can be provided at an agreed upon lump sum fee or at the standard hourly rates.
8. It is understood there are often unforeseeable conditions and events impacting the progress and cost of construction. No contingency has been provided for within this scope. Effort to address any unforeseen issues will be considered additional services to be negotiated on an as needed basis.

Any additional services will require a request for an amendment to this work order to be approved by Indian River County, prior to work being done.

SECTION 3 SCHEDULE & DELIVERABLES

The schedule for the completion of these service is dependent on, and will follow, the actual construction progress.

The following deliverables will be provided to the County:

- A. Observation reports (provided on a weekly basis)
- B. Lift plan review summary

SECTION 4 COMPENSATION

The proposed scope of services will be provided on a time and material not-to-exceed (NTE) basis administered pursuant to the provisions of our master contract dated April 17, 2018, and invoiced monthly.

Construction Services (NTE)

\$ 44,878

EXHIBIT B - MAN HOUR AND FEE ESTIMATE

Project:	Wabasso Fishing Pier Demo - IRC-1712 Work Order 03	DATE:	5/9/2019
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BY: **KMG**

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