

Wabasso Fishing Pier

This Work Order Number ___ is entered into as of this ___ day of _____, 201_, pursuant to that certain Continuing Contract Agreement for Professional Services, dated November 15, 2011, and that certain Extension and Amendment of Continuing Contract Agreement for Professional Services entered into as of this 4th day of November, 2014 (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 A (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 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:

Atkins North America, Inc.

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

By:



By:

_____, **Chairman**

Title:

Kenneth M. Good, PE
Sr. Eng. III / Proj. 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
Indian River County – GEC Work Order 05
Phase 1 – Data Collection and Preliminary Planning
Wabasso Fishing Pier Demolition
Wabasso, Florida**

Indian River County (County) has requested services in support of the Wabasso Fishing Pier Demolition Project under the terms of Continuing Contract Agreement for Professional Services (dated November 15, 2011) and Contract renewal (dated November 4, 2014). The Wabasso Fishing Pier was significantly damaged 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 services to assist in the environmental filed surveys, engineering planning and design, permitting, bidding, and 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 40' 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 300' of upland sidewalk
- East Pier
 - Removal of three intact 50' pier span sections
 - Removal of one intact 30' 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 300' of upland sidewalk

These services are expected to be completed in three phases. This Task Order is for Phase 1 – Data Collection and Preliminary Planning. Phase 2 will include design, permitting and bidding. The Phase 2 scope and fee will be developed near the completion of Phase 1, after the disposal site is secured and the FEMA funding parameters are identified. Phase 3 will include construction related services. The Phase 3 scope and fee will be developed near the completion of Phase 2, after the design and permitting are complete and the FEMA funding parameters are set.

At the request of the County, Atkins (Engineer) has prepared this Phase 1 scope of services as follows:

SECTION 1 PHASE 1 SCOPE OF SERVICES

TASK 1: FIELD DATA COLLECTION

The Engineer shall complete a field assessment of the project to locate and map submerged resources (seagrass), and to locate and map debris from the pier damage. The objective of the seagrass

investigation is to delineate the distribution sea grasses prior to demolition operations. The objective of the debris mapping is to develop an inventory and location map of the submerged debris for use in preparation of the demolition plans and bid documents. Location information will be collected using a handheld GPS unit capable of sub meter accuracy. Locations will be considered approximate, and are not intended to be considered a formal survey meeting the State's Minimum Technical Standards.

These field data collection services shall include the following tasks:

- A. The sea grass survey will cover an area of approximately eleven acres, roughly described as follows.
 - o Bounded on the northwest by the highway bridge
 - o Extending southwest of the highway bridge approximately three-hundred feet
 - o Running the length of the highway bridge (approximately 1,300 feet.
 - o Including the area around the boat ramp
- B. The debris mapping will cover the areas directly adjacent to the damaged pier sections, roughly described as follows.
 - o A 100' by 30' area covering the two damaged spans on the west pier
 - o A 300' by 45' area covering the six damaged spans on the east pier
- C. A brief report discussing the findings of the seagrass survey and debris mapping will be prepared. The report will include maps of the submerged resources and the debris field, and the mapped information will also be used in the demolition plans.

TASK 2: PRELIMINARY PLANNING

The Engineer shall develop a preliminary demolition plan to meet the County's intended purpose while following generally accepted engineering standards and anticipated permitting requirements.

The planning and construction document preparation services shall include the following tasks:

- A. Participate in one meeting with the County to facilitate the planning process. The meeting shall be held at the project site or the County's offices. The following is the anticipated meeting:
 - o Draft preliminary plan review meeting
- B. Conduct phone inquiries with up to three marine contractors to gather information on expected contractor means and methods for use in demolition planning and permitting.
- C. Conduct phone inquiries with USACE and FDEP to assess likely permitting mechanisms and requirements.
- D. The Engineer shall make one plan submittal to the County during the design development process. Following the completion of the kickoff meeting, and field data collection, the Engineer shall prepare a preliminary plan set. This plan set shall contain a level of detail and information typically required for the FDEP and USACE permitting process. It will also contain a level of detail sufficient for preparing a cost estimate to be used in the FEMA funding pursuit. The preliminary plans set will be produced in 8 ½ x 11 size to meet permitting agency requirements, and in a manner that will facilitate scaling up to 17 x 22 size for easier review. A preliminary opinion of probable cost will be prepared upon the completion of, and included with, the preliminary plan set. The County will have the opportunity to review and comment on the preliminary plan set. The Engineer will incorporate reasonable comments into the plan set.

SECTION 2 ASSUMPTIONS AND EXCLUSIONS

1. Application fees, impact fees and any other fees required by regulatory agencies are considered a direct expense to the County and are not included in this scope and fee.
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 is pursuing regulatory approval for disposal of the pier demolition debris at an offshore location. This work is being done by internal County staff and assistance from the Engineer is not included in this scope of services.
5. The ultimate decisions related to regulatory approvals and finding assistance lie outside of the Engineer's control. The Engineer cannot guarantee regulatory approvals or funding assistance.
6. Only those services specifically mentioned in Section 1 are included with this scope of services. Additional services, if required, can be provided at an agreed upon lump sum fee or at the standard hourly rates.
7. FEMA assistance is excluded from this scope of services. It is understood that County staff is currently working with FEMA personnel to determine the best approach to funding assistance for the pier demolition work. FEMA assistance can be added to subsequent task orders if requested by the County.

SECTION 3 SCHEDULE & DELIVERABLES

The following schedule is anticipated for the completion of each task (week number measured from receipt of a notice to proceed):

Task 1: Field Data Collection	Week 8
Task 2: Preliminary Planning	Week 12

The following deliverables will be provided to the County:

- A. Field Data Collection Report (via electronic file transfer – pdf).
- B. Preliminary Plan Set and Cost Estimate (via electronic file transfer – pdf).

SECTION 4 COMPENSATION

The proposed scope of services will be provided on a lump sum basis administered pursuant to the provisions of our master contract and invoiced monthly based on the percentage of completion of the overall project. Invoices will also include an hourly break down of cost for FEMA reimbursable Direct Administrative Costs.

Task 1: Field Data Collection	\$ 29,650.00
Task 2: Preliminary Planning	<u>\$ 19,550.00</u>
TOTAL	\$ 49,200.00