

**EXHIBIT A**

**INDIAN RIVER COUNTY PARKS DIVISION  
PROPOSED CIVIL ENGINEERING AND SURVEYING SCOPE / BUDGET  
JONES' PIER CONSERVATION AREA WETLAND RESTORATION PROJECT  
May 2018**

This proposal is based on the narrative and preliminary drawings within the Jones' Pier IRLNEP Grant "Draft Statement of Work" that the County provided on April 20, 2018

**TASK 1 –PRELIMINARY PLANNING**

Attend coordination meetings with INDIAN RIVER COUNTY Parks Division staff and consultants to develop stormwater management and wetland restoration plan. Attend site visit to observe existing conditions of site and drainage flow patterns. Provide recommendation(s) for addressing off-site runoff from development south of the property. Verify areas needed for additional topographic information provided in task 2 below. Prepare conceptual site plan of stormwater management and wetland restoration master plan. Attend pre-application meeting with permitting agencies. Provide preliminary volume quantities from proposed pond areas to verify sufficient fill is available, as determined by others, for proposed site developments.

**Fees for Task 1 services are estimated @ ..... \$3,900.00.**

**TASK 2 - SITE SURVEYS**

Perform Topographic Survey on-site and immediately off-site for additional information needed along the southern property line between Jungle Trail and hammock area. Locate contributory runoff areas from properties alongside Morningside Drive. Field verify conditions along north property line and spot check grades on-site.

**Fees for Task 2 services are estimated @ ..... \$3,100.00.**

**TASK 3 –STORMWATER CALCULATIONS**

Prepare stormwater management report for site to include flood routings, pond sizing, discharge calculations, and drawdown analysis. Design and model pump station to mimic high tide/low tide cycles or a continuous cycle. Investigate collection and treatment of off-site stormwater runoff from portions of adjacent Morningside Drive neighborhood into proposed stormwater management plan or alternative bypass.

**Fees for Task 3 services are estimated @ ..... \$7,900.00.**

**TASK 4 – CONSTRUCTION PLANS AND SPECIFICATIONS**

Develop drainage and grading plans for stormwater collection system and wetland restoration areas. Provide details for wetland/upland preservation and creation. Coordinate with County Staff for wetland planting plan. Develop detail sheets, cross-sections, and prepare project specifications sufficient for bidding. Provide pump station performance criteria for manufacturing design and construction. Prepare preliminary engineer’s cost estimate for construction.

**Fees for Task 4 services are estimated @ ..... \$5,800.00.**

**TASK 5 - PERMITTING**

Prepare application documents to obtain the following permits:

- St. Johns River Water Management District Environmental Resource Permit.
- Army Corp of Engineers
- Indian River County Wetlands Permit

**Fees for Task 5 services are estimated @ ..... \$6,400.00.**

**TASK 6 - BID DOCUMENTS**

It is assumed INDIAN RIVER COUNTY will prepare a contract for construction, including bidding requirements and general conditions. ENGINEER will provide technical specifications and project plans in sufficient detail to define the scope and requirements for the stormwater management and wetland restoration plan. ENGINEER will assist INDIAN RIVER COUNTY in bidding the project by attending a pre-bid meeting and by addressing inquiries from potential bidders regarding the scope of the proposed work. ENGINEER will assist the County during project bid review and provide a letter summarizing our recommendations regarding contract award.

Fees for Task 6 services are estimated @ ..... \$2,400.00.

**TASK 7 - CONSTRUCTION SERVICES**

Review contractor’s material submittals and scheduling. Construction inspection services will be provided for the duration of construction in order to ensure that the contractor’s work conforms to the requirements of the project design drawings and specifications. Provide certifications upon completion of construction and review of contractor provided as-builts.

Fees for Task 7 services are estimated @ ..... \$6,800.00.

**TASK 8 – REIMBURSABLE EXPENSES**

Reimbursable expenses, such as postage, long distance calls, mileage, fax transmittals, prints, copies, vellum, etc.

Fees for Task 8 services are estimated @..... **\$500.00.**

**TOTAL ENGINEERING BUDGET**

**FOR TASKS 1 THRU 8 NOT TO EXCEED A FEE OF..... \$36,800.00.**

**ENGINEERING SCOPE ASSUMPTIONS:**

In developing this Scope of Services, ENGINEER represents to the INDIAN RIVER COUNTY that the following assumptions have been made and that deviation from these assumptions may require additional work and compensation on behalf of INDIAN RIVER COUNTY to the ENGINEER.

1. This proposal specifically excludes all application and/or impact fees, which shall be the responsibility of the INDIAN RIVER COUNTY.
2. This Scope of Services specifically excludes preparation of legal documents, easement descriptions, structural, mechanical, electrical, landscape, and architectural work.
3. Preparation and submittal of a formal site plan to be reviewed and approved by the Indian River County Technical Review Committee is not included.
4. Surveying for location of wetland or jurisdictional flagging is not included with this proposal.
5. Wetland planting design drawings and installation will be provided by others.
6. Permitting for disposal of any existing on-site hazardous or industrial waste material, or any other underground, unforeseen issues is not included with this proposal.
7. It is understood that existing geotechnical soil testing has already been performed for this project. Additional soil testing if required is not included in this proposal.
8. Construction stakeout and as-builts are not included with this proposal.



**CARTER ASSOCIATES, INC.**

**FEBRUARY 2018**

**FEE SCHEDULE**

| <b><u>Staff Type:</u></b> | <b><u>Hourly Rates</u></b> |
|---------------------------|----------------------------|
| Engineer (Principal)      | \$165.00                   |
| Engineer I                | \$140.00                   |
| Engineer II               | \$125.00                   |
| Engineer III              | \$115.00                   |
| Engineer IV               | \$105.00                   |
| Engineer V                | \$ 95.00                   |
| Surveyor (Principal)      | \$165.00                   |
| Surveyor (Sr. Consultant) | \$140.00                   |
| Surveyor I                | \$140.00                   |
| Surveyor II               | \$125.00                   |
| Surveyor III              | \$105.00                   |
| CAD/GIS Tech I            | \$115.00                   |
| CAD/GIS Tech II           | \$110.00                   |
| CAD/GIS Tech III          | \$105.00                   |
| CAD/GIS Tech IV           | \$ 95.00                   |
| CAD/GIS Tech V            | \$ 85.00                   |
| Administrative Staff      | \$ 60.00                   |
| Expert Witness            | \$300.00                   |
| 4 Man Survey Crew         | \$175.00                   |
| 3-Man Survey Crew         | \$150.00                   |
| 2-Man Survey Crew         | \$135.00                   |
| 1-Man Survey Crew         | \$110.00                   |
| Inspector                 | \$ 65.00                   |

**SPECIALIZED EQUIPMENT:**

|                                   |                 |
|-----------------------------------|-----------------|
| Leica HD P40 Scanner              | \$175.00/Hour   |
| Aluminum Boat                     | \$500.00/Day    |
| All-Terrain Vehicle (ATV)/Trailer | \$250.00/Day    |
|                                   | \$1,000.00/Week |

**REIMBURSABLE EXPENSES:**

|                                  |                   |
|----------------------------------|-------------------|
| Postage, Express Mail, etc.      | Cost              |
| Blueprints/Blackline (24" x 36") | \$2.00/Each       |
| Color Prints (24"x36)            | \$5.00/Each       |
| Mileage                          | IRS Standard Rate |
| Mylar                            | \$7.00/Each       |
| Photocopies:                     |                   |
| 8.5" x 11"                       | 15¢/Each          |
| 8.5" x 14"                       | 25¢/Each          |
| 11" x 17"                        | 35¢/Each          |
| Concrete Monuments               | \$20.00/Each      |
| Rebar                            | \$ 2.50/Each      |
| Laths                            | \$ 0.75/Each      |
| Hubs                             | \$ 1.00/Each      |

**Sub-Consultants**

Cost + 10%

Note: These hourly billing rates will remain effective for the duration of this Agreement.