

CARTER ASSOCIATES, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS

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October 2, 2020

Ms. Elizabeth Powell
Assistant Director, Parks & Conservation Resources
Indian River County
5500 77th Street
Vero Beach, Florida 32967

**RE: Jones' Pier Conservation Area Project
Extended Construction Administration Services
CAI Project No. 18-39.7 E**

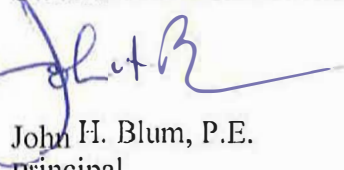
Dear Beth:

It is our pleasure to present for your acceptance, the following proposal for Civil Engineering services associated with the above referenced project. Please find attached an ENGINEER's scope of services and fee schedule. Additional services required, but not included in the estimate, will be provided at our hourly rates, a copy of which is attached.

Thank you for giving us the opportunity to submit a proposal for our services. We look forward to working with you on this project. Should you have any questions or need additional information, please do not hesitate to contact me at our office.

Sincerely,

CARTER ASSOCIATES, INC.



John H. Blum, P.E.
Principal

**PROPOSAL TO PROVIDE
PROFESSIONAL ENGINEERING SERVICES
for
INDIAN RIVER COUNTY PARKS & CONSERVATION RESOURCES
JONES' PIER CONSERVATION AREA PROJECT
EXTENDED CONSTRUCTION ADMINISTRATION SERVICES**

SECTION 1: SCOPE OF SERVICES

The following scope of services is based on a construction duration of six months (i.e. ending February 28, 2021).

- Attend additional pre-construction meetings with the contractor and Indian River County representative(s) regarding installation of culverts under Jungle Trail.
- Attend weekly progress meetings for the remaining duration of construction (through February 28, 2021).
- Monitor construction progress and coordinate with contractor to provide schedule updates for duration of construction. Provide schedule updates to Indian River County.
- Coordinate with other design consultants (MBV, Dansco, Donadio) for required inspections or plan clarifications.
- Respond to contractor Request for Information (RFI's) and provide construction clarifications as needed.
- Review contractor's submittals and shop drawings and make recommendations.
- Review density tests and geotechnical reports.
- Consult with Indian River County for any change order requests.
- Review Pay Requests from the contractor and submit to the Indian River County following approval.
- Coordinate with contractor for MOT plan during Jungle Trail closing.
- Conduct periodic construction observations/inspections to verify that the construction is proceeding in accordance with the plans and specifications.
- Attend pump station start-up.
- Conduct final inspection(s) and prepare punch list of work deficiencies.
- Review as-built survey (to be provided by contractor) for compliance with approved plans.

SECTION 2: 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 INDIAN RIVER COUNTY.
2. Building inspections related to the restroom/pavilion or any other building structure is not included and assumed to be the responsibility of the ARCHITECT.
3. Construction stakeout and as-builts are not included with this proposal.

SECTION 3: COMPENSATION

The proposed scope of services will be provided on a NOT TO EXCEED basis and invoiced monthly based on work performed to date for each task.

Extended Construction Administration Services..... \$20,450.00.

CARTER ASSOCIATES, INC.

JANUARY 2020

FEE SCHEDULE

<u>Staff Type:</u>	<u>Hourly Rates</u>
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