

AMENDMENT NUMBER 1 TO WORK ORDER NUMBER 5

**Indian River County Conservation / Public Access for Jones Pier – (FTC No.: 05-039-FF)
New Pavilion and Restroom Building Architectural Services**

This Amendment 1 to Work Order Number 5 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 MBV Engineering, 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:
MBV Engineering, Inc.

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

By: 
Title: Vice President

By: _____
, Chairman

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 - SCOPE OF WORK

It is our understanding that the COUNTY intends to construct an approximately 1,040 SF open pavilion with bathrooms at the Jones Pier Historic parcel located at 7770 Jungle Trail, Vero Beach, FL.

The proposed improvements will consist of architectural design services, survey services and civil coordination for the design, permitting and CA services for the structures. As such, Donadio & Associates, Architects, P.A. will be retained by MBV Engineering, Inc. to provide the necessary architectural design services for the pavilion and bathroom structure and as further described below in the Scope of Services. MBV Engineering, Inc. will provide the necessary project oversight, additional civil coordination and plan revisions for the watermain as necessary to support the architectural plans development and permitting of this structure. A description for each service is provided in below in further detail.

Design Services

1. Architectural Design

- Establishment of design criteria for the development of the proposed new 1040 SF Pavilion.
- On-site visit for field verification of the existing site conditions.
- Preparation of architectural construction documents consisting of floor plans, elevations, roof plans and details, life safety plan, code review, schedules, general/construction details, notes and specifications.
- Coordination with MEP and Structural.
- Coordination with Owners Civil Engineer.
- Preparation of Documents for Building Permit Submittal.
- Responding to Building Permit review comments.
- Preparation of (1) Cost Estimate for each building

2. Mechanical / Electrical Engineering (MEP) Design

- Coordination with Donadio & Associates, Architects, P.A.
- Establish design criteria for ventilation, electrical and plumbing.
- Construction documents and specifications for electrical and plumbing, which include but are not limited to: floor plans, schedules, electrical and plumbing risers, electrical panels, reflected ceiling plans, details, etc.
- Utility coordination for new electrical service.
- Preparation of Documents for Building Permit Submittal.
- Responding to Building Permit review comments.

3. Structural Design

- Coordination with Donadio & Associates, P.A.
- Establish structural design criteria
- Review of soil investigative reports as provided by Owner.
- Design and preparation of the following:
 - Foundation plans and sections based on a conventional shallow foundation system with a minimum allowable soil bearing pressure of 2,000 psf.
 - Roof framing plan and sections.
 - Wind design pressures.
- Structural specifications in short format on plans.

- Building and Wall Sections, Roof Framing Plans, Details and Specifications.
- Preparation of Documents for Building Permit Submittal.
- Responding to Building Permit review comments.

4. Civil Design and Oversight

Consultant will provide design services to support Architect in development of structures as stated under Task 2. Items associated with this task are listed below:

- Coordination with project Architect and MEP
- Coordination with IRC Parks Division
- (1) Revision to previously designed Civil documents for relocation and / or reorientation of open pavilion / restroom building should Architect and IRC Parks Division deem appropriate
- Modification to Civil documents to incorporate off-site 6" Watermain design and Fire Hydrant and Fire Hydrant permitting
- Provide overall project oversight throughout project timeline
- Bidding Assistance and Coordination

This Work Order assumes the proposed pavilion structure will be in conformance with the pavilion structure as depicted in the Phase I Civil documents and not increase in size by more than 15%.

The Consultant will not be responsible for any permit fees associated with the project.

5. Surveying and Mapping Services

Route Survey of a portion of the east side of Jungle Trail and the north side of Morningside Drive/77th Place along Lots 1, 3, 5, 7, 9 and 11, Riverside Estates Sub (PBI5-50) as shown on furnished sketch: Establish Horizontal and Vertical Control; Establish Subdivision control; establish east right of way of Jungle Trail and north right of way/south lot lines of Morningside Drive (along lots list previously); observe topographic features, improvements, trees and vegetation in this area from centerline of road to 20± feet north; locate well, water service (if visible) for each residence and identify house number

6. County Reviews

The Consultant will coordinate with the COUNTY staff during design development and conduct reviews at 30, 60 and 90 completion phases. COUNTY Parks Division staff shall provide review comments to Consultant in order for Consultant to be able to incorporate into the design plans package.

7. Construction Cost Estimate

The Consultant will prepare one Conceptual Cost Estimate to assist COUNTY with preliminary budget assistance.

BIDDING PHASE

The COUNTY shall be responsible for setting the providing the front-end bid documents, bid opening date, advertisement of the bid, scheduling the pre-bid meeting, and scheduling the bid opening. The Consultant will provide the following:

- Preparation of Documents for Bidding
- Attendance at Pre-Bid Meeting and Pre-Construction Meeting

All construction specifications will be on the applicable plans in lieu of specifications manual. The Consultant will prepare a pdf file of the final bid package for the COUNTY's use in distribution to prospective bidders via Demandstar.

CONSTRUCTION PHASE

The Consultant will provide the following scope of services during the construction phase:

Architecture

- Shop Drawing review of Architectural items
- Response to Request for Information
- (2) visits during construction

MEP

- Shop Drawing review of MEP items
- Response to Request for Information
- (2) visits during construction

Structural

- Shop Drawing review of Structural items
- Response to Request for Information
- (5) visits during construction

DELIVERABLES

The Consultant shall provide the COUNTY with the following:

- Two (2) hard copies 11" x 17" and 24" x 36" formats of the plans
- One (1) electronic version of the plans in pdf format
- Technical responses for one (1) addenda, as required for clarifying responses from the pre-bid meeting

EXHIBIT B - FEE SCHEDULE

The COUNTY agrees to pay and the Consultant agrees to accept for services rendered, pursuant to this Agreement, fees inclusive of expenses in accordance with the following:

Task	Fee
1. Architecture Design	\$ 7,000
2. MEP Design	\$ 2,250
3. Structural Design	\$ 4,000
4. Civil Design and Oversight	\$ 4,750
5. Surveying and Mapping	\$ 2,740
Bidding Phase	\$ 500
Construction Phase	
Architecture	\$ 1,800
MEP	\$ 450
Structural	\$ 1,350
Amendment 1 Total	\$ 24,840

ADDITIONAL SERVICES

When required by the COUNTY or the Contract Documents, where circumstances exist beyond the Consultant's control, Consultant shall provide or obtain from others, as circumstances required, those additional services not listed as part of the Work Order, the Consultant shall notify the COUNTY promptly prior to commencing said Additional Services, and if agreed upon, will be paid for by County in accordance with the Master Agreement, Professionals and vendor intended to provide additional services shall first be approved by the COUNTY, in writing, by the COUNTY's Project Manager.

The COUNTY has selected the Consultant to perform the professional services set forth on this Work Order. The professional services will be performed by the Consultant for the fee schedule set forth in this Work Order. The Consultant will perform the professional services within the timeframe more particularly set forth in this Work Order 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.

EXHIBIT C - SCHEDULE

Upon authorization to proceed by the COUNTY, the above described services will be provided based on the following schedule:

- Permit-ready Design Plans 45 days from NTP
- Addressing of Permit Agency Comments 14 days from receipt of comments