



**MARTIN COUNTY BOARD OF COUNTY COMMISSIONERS
CHANGE ORDER TO CONSULTANT AGREEMENT**

PROJECT NAME	Mooring Fields - Manatee	CHANGE ORDER#	2
PROJECT#	Pocket	CO DATE	1/14/2019
CONTRACT DATE	RFQ2017-2921		
	5/17/2017		


The Contract is changed as follows:

Description	Amount
Regulatory permitting and grant support more specifically described on Exhibit A attached.	\$ 26,535.00
Original Contract Sum	\$ 192,711.00
Net Change by Previously Authorized Change Orders	\$ 39,000.00
Contract Sum Prior to This Change Order	\$ 231,711.00
Amount of this Change Order	\$ 26,535.00
New Contract Sum	\$ 258,246.00

Contract Time Increase(calendar days)	0
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APPLIED TECHNOLOGY & MANAGEMENT

**BOARD OF COUNTY COMMISSIONERS
MARTIN COUNTY, FLORIDA**


Michael G. Jenkins, Ph.D., P.E.
Coastal Engineering Principal

Terry Rauth, P.E.
Public Works Director

Rv2 - January 28, 2019

Kathy Fitzpatrick, Coastal Engineer
Martin County
Board of Commissioners
2401 SE Monterey Road
Stuart, FL 34996

RE: Martin County Mooring Fields – Manatee Pocket Additional Services

Dear Ms Fitzpatrick:

Applied Technology and Management, Inc. (ATM) is pleased to provide you with this Scope of Services for the above referenced project. This effort will be conducted by ATM under the terms of our Professional Services Agreement with Martin County.

Introduction

ATM completed initial feasibility and public outreach services (together with our partner – The Firefly Group) including a draft RFP for the provision of landside facilities and management services by local private partners and a Letter of Interest (LOI) request that will further define what people would like to provide. Initial feasibility included preliminary mooring field layouts and initial business and operations plans.

Under this proposal ATM will provide regulatory permitting services and grant support in order to advance the Manatee Pocket field.

Scope of Services

The following is a description of the Tasks which will be conducted to satisfy the Scope of Services to be provided under this Work Proposal.

PHASE 2 – MANATEE POCKET MOORING FIELD

Task 1 – Permitting – Pre-Application Meetings

The Manatee Pocket Mooring Field will require a Section 10 Rivers and Harbors Act (RHA) permit from the US Army Corps of Engineers – Jacksonville District (CESAJ) and appears to be qualified to obtain a Noticed General Permit (NGP) from the Florida Department of

Environmental Protection (FDEP). The County will also be required to obtain a submerged lands lease from the state of Florida and a Florida Uniform Waterway Marker permit from the Florida Fish and Wildlife Conservation Commission (FWC). The US Coast Guard (USCG) will also issue a Private Aids to Navigation permit that must be renewed annually until the markers are installed.

ATM proposes to meet with both the local offices of CESAJ and FDEP for pre-application meetings to discuss plans for the mooring field and potentially affected ecological resources. Fees for this task include preparation of drawings and other materials for the meetings, coordination with the agencies and the County, participation in the meetings, and travel. ATM will also develop a memorandum summarizing the results of the meetings and the path forward. The pre-application meeting with FDEP is required as part of the NGP process.

Task 2 – Permitting – Application Packages

Following the pre-application meetings, ATM will prepare permit application packages for the Section 10 RHA permit from the Corps, the NGP from FDEP, the Florida Uniform Waterway Marker permit from FWC, and the Private Aids to Navigation Permit from the USCG. (It may be prudent to delay application for the USCG permit until the other permits are received and a solid timeline for design and construction of the field is known as this permit expires in a year from issuance.

The Corps of Engineers application package will include: the application form, permit drawings, and any supplemental information requested during the pre-application meeting. ATM believes that existing bathymetric survey information will be sufficient for use in the permit application packages and that the agencies will not require a benthic resource survey because sufficient information and mapping exists that does not indicate the presence of seagrasses or corals in these portions of Manatee Pocket. If additional bathymetry or ecological resource surveys are required, ATM will coordinate those activities with the County's preferred vendors.

In addition to the application form and permit drawings, FDEP will also require a Mooring Field Management Plan and supplemental information showing that the site(s) meet the requirements of the NGP. A sovereignty submerged lands lease will also be required from FDEP for the mooring field areas. ATM will coordinate with the County's selected Professional Surveyor and Mapper to complete the required lease documentation. It is assumed that the County will

contract directly with the surveyor. If additional bathymetry or ecological resources surveyors are required, ATM will coordinate those activities as well.

Task 3 – Grant Support

ATM will assist Martin County with the development of grant applications from the Florida Fish and Wildlife Commission (FWC) and the Florida Inland Navigation District (FIND) under FWC's Florida Boating Improvement Program (FBIP) and FIND's Waterways Assistance Program (WAP). Grant support is expected to include: engineering cost estimates, drawings and other illustrations, applications review, and technical descriptions.

Grant support is expected to include development of technical narratives for the application, cost estimates, drawings and other illustrations, and coordination.

Compensation

This effort will be conducted on a Time and Materials Not to Exceed Basis consistent with ATM's current Professional Services Agreement with Martin County for a total cost of **\$25,325 (labor)** plus estimated expenses at **\$1,210** for a total project cost of **\$26,535**. Task costs are summarized below.

Cost Breakdown By Task

TASK	ATM Labor	Expenses	TOTAL
PHASE 2 MANATEE POCKET MOORING FIELD			
Task 1 – Permitting – Pre-Application Meetings	\$7,250	\$1,210	\$8,460
Task 2 – Permitting – Application Packages	\$11,195		\$11,195
Task 3 – Grant Support	\$6,880		\$6,880
TOTAL	\$25,325	\$1,210	\$26,535

Schedule

TASK	Time to Complete
PHASE 2 MANATEE POCKET MOORING FIELD	
Task 1 – Permitting – Pre-Application Meetings	2 weeks
Task 2 – Permitting – Application Packages	3 weeks*
Task 3 – Grant Support	4 weeks*

*A portion of this task can be completed concurrently with previous tasks.

We sincerely appreciate the opportunity to provide you with this proposal. Should you have any questions, please feel free to contact me at your convenience.

Sincerely,
Applied Technology & Management, Inc.

A handwritten signature in blue ink, appearing to read 'R. H. Semmes', with a long horizontal flourish extending to the right.

Robert H Semmes, MS
ATM Associate Principal

ATTACHMENT "A"
MARTIN COUNTY
ENGINEERING SERVICES RELATED TO MANATEE POCKET MOORING FIELD
Detailed Costs and Expenses
1/28/2019

TASK	Task Description and Breakdown	Coastal Principal	Project Manager/Sr. Engineer	Staff Engineer	Junior Engineer/ Engineer Tech.	Operations Specialist (Mark Leslie)	Survey Technician	AutoCAD/ GIS Tech.	Admin./ Clerical	ATM Total Labor	Sub- Consultant	Internal Direct Expenses*	Total Task Budget
		\$200.00	\$185.00	\$160.00	\$120.00	\$130.00	\$85.00	\$90.00	\$80.00				
	PHASE 1 - JENSEN BEACH MOORING FIELD												
Task 1	Permitting - Pre-Application Meetings												
	Meeting Planning & Coordination	2.0	4.0			2.0				\$1,400.00			\$1,400.00
	Optimize & Update Mooring Field Plans		4.0		6.0	2.0				\$1,720.00			\$1,720.00
	Travel		10.0			4.0				\$2,370.00		\$1,210.00	\$3,580.00
	CESAJ Meeting		2.0			2.0				\$630.00			\$630.00
	FDEP Meeting		2.0			2.0				\$630.00			\$630.00
	Summary Memorandum		2.0			1.0				\$500.00			\$500.00
	Coordination									\$0.00			\$0.00
	Total Cost - Task 1	2.0	24.0	0.0	6.0	13.0	0.0	0.0	0.0	\$7,250.00	\$0.00	\$1,210.00	\$8,460.00
Task 2	Permitting - Application Packages												
	CESAJ Application		4.0			1.0				\$870.00			\$870.00
	FDEP Application		4.0			1.0				\$870.00			\$870.00
	FWC Application		1.0			4.0				\$705.00			\$705.00
	USCG Application		1.0			4.0				\$705.00			\$705.00
	Drawings		4.0		8.0	2.0				\$1,960.00			\$1,960.00
	Coordination - Submerged Lands Lease Application		6.0		2.0	1.0				\$1,480.00			\$1,480.00
	Coordination - Bathy, Benthic		4.0							\$740.00			\$740.00
	Mooring Field Management Plan Revisions		2.0			4.0				\$890.00			\$890.00
	RAIs		7.0		4.0	4.0			3.5	\$2,575.00			\$2,575.00
	Coordination & Oversight	2.0								\$400.00			\$400.00
										\$0.00			\$0.00
	Total Cost - Task 2	2.0	33.0	0.0	14.0	21.0	0.0	0.0	3.5	\$11,195.00	\$0.00	\$0.00	\$11,195.00
Task 3	Grant Support												
	ATM Services		10.0		7.0	14.0				\$4,510.00			\$4,510.00
	Edits & Revisions		6.0		4.0	6.0				\$2,370.00			\$2,370.00
										\$0.00			\$0.00
	Total Cost - Task 3	0.0	16.0	0.0	11.0	20.0	0.0	0.0	0.0	\$6,880.00	\$0.00	\$0.00	\$6,880.00
	Total Task Order Costs	4.0	73.0	0.0	31.0	54.0	0.0	0.0	3.5	\$25,325.00	\$0.00	\$1,210.00	\$26,535.00