



APTIM  
6401 Congress Avenue, Suite 140  
Boca Raton, FL 33487  
Tel: +1 561 391 8102  
www.aptim.com

February 2, 2022

Andy Miller  
Collier County Coastal Zone Management  
2685 S. Horseshoe Drive  
Naples, FL 34104

**Re: 2023-2024 Local Government Funding Request (LGFR) Preparation**

Dear Andy:

This letter is in response to Collier County's (County) request for a proposal for Aptim Environmental & Infrastructure, LLC (APTIM) to support the County with submittal of the 2023-2024 Local Government Funding Requests (LGFR). APTIM will assist the County with preparation of the 2023-2024 LGFR for Collier County's: South Marco Island Beach Renourishment Project, North County Beach Renourishment program including Doctors Pass, and the County's inlet project at Wiggins Pass.

Included as Exhibits are; the Scope of Work (Exhibit A), Estimated Fee Proposal (Exhibit B), and the Rates Schedule (Exhibit C). APTIM proposes to provide these services on a time and materials basis not-to-exceed \$26,052 under the terms and conditions of the existing Contract No. 18-7432-CZ dated March 10, 2020 and as amended May 7, 2020. Barring any unforeseen circumstances, all work will be completed within 180 days of receiving the Notice to Proceed.

Sincerely,

A handwritten signature in blue ink, appearing to read "Nicole S. Sharp".

Nicole S. Sharp, P.E.  
Coastal Restoration & Modeling Program Manager  
Aptim Environmental & Infrastructure, LLC

\_\_\_\_\_  
Client Authorized Signature

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

cc: Steve Keehn, P.E., APTIM  
Erica E. Carr-Betts, APTIM



**Exhibit A**  
**Scope of Work**



**2023-2024 Local Government Funding Requests (LGFR)  
Collier County, Florida  
Scope of Work**

## **Introduction**

In order to distribute state funds for shore protection and inlet management projects, the Florida Department of Environmental Protection (FDEP) requests that local sponsors submit an annual Local Government Funding Request (LGFR) for their projects. This scope of work details the tasks required to assist the County with preparing and submitting the 2023-2024 LGFRs to the FDEP and responding to both the FDEP's Application Review and Project Assessment for Collier County's South Marco and North County Beach Renourishment projects, and inlet maintenance projects at Doctors Pass, and Wiggins Pass. Once a draft of the LGFR applications have been completed, a copy will be provided to Collier County for review and comment prior to submittal to the FDEP.

Following application submission, the FDEP will review the applications in detail and provide initial project rankings and initial project assessments. APTIM will perform a review of the initial project assessment on behalf of Collier County and, if warranted, provide the County with a draft letter to the FDEP identifying the areas within the applications that may provide additional points to the County.

### **1. South Marco Beach LGFR Application**

APTIM will assist the County with preparation of the 2023-2024 LGFR for Collier County's South Marco Island Renourishment Project. Building upon past LGFR applications, APTIM will update the application response to account for updates to the project. All the elements of the projects as they apply to the 62B-36 Rule and the LGFR application and guidance document will be evaluated to optimize FDEP ranking and cost sharing opportunities where practical. Additionally, maps will be updated and the FDEP's application response will be reviewed and, if required, a response to the draft assessment will be completed.

### **2. North County Beaches & Doctors Pass LGFR Application**

APTIM will assist the County with preparation of the 2023-2024 LGFR for Collier County's North County beaches (Vanderbilt, Park Shore, and Naples Beach) and Doctors Pass projects. Building upon past LGFR applications, APTIM will update the application response to account for current project status and cost information. Currently, the FDEP is reviewing the eligibility and associated cost share percentage for the North County Beaches based on parking and access. APTIM will review the Department's calculations to confirm appropriate cost share percentages. Doctors Pass inclusion will continue to be evaluated for inclusion as a sand source for the beach nourishment projects. All the elements of the projects as they apply to the 62B-36 Rule and the LGFR application and guidance document will be evaluated in order to optimize FDEP ranking and cost sharing opportunities where practical. Additionally, maps will be updated and the FDEP's application response will be reviewed and, if required, a response to the draft assessment will be completed.

### **3. Wiggins Pass LGFR Application**

APTIM will assist the County with preparation of the 2023-2024 LGFR for Collier County's Wiggins Pass inlet maintenance project. The inclusion of Wiggins Pass will be evaluated for inclusion as a sand source for the beach nourishment projects. All the elements of the project as they apply to the 62B-36 Rule, LGFR application, and guidance document will be evaluated in order to increase FDEP ranking and cost sharing opportunities where practical. Additionally, maps will be updated and the FDEP's application response will be reviewed and, if required, a response to the draft assessment will be completed.



**Exhibit B**  
**Estimated Fee Proposal**

**ESTIMATED FEE PROPOSAL FOR**

**2023-2024 LOCAL GOVERNMENT FUNDING REQUEST (LGFR) PREPARATION  
COLLIER COUNTY, Contract No. 18-7432-CZ**

**February 2, 2022**

**PREPARED BY:**

**Aptim Environmental & Infrastructure, LLC**

**ESTIMATED FEE PROPOSAL FOR**

**2023-2024 LOCAL GOVERNMENT FUNDING REQUEST (LGFR) PREPARATION  
COLLIER COUNTY, Contract No. 18-7432-CZ**

Prepared By APTIM

<b>LABOR RATES (HOURLY)</b>	<b>Standard Hourly Rate</b>
Principal	\$231
Senior Project Manager	\$203
Project Manager	\$160
Senior Engineer	\$177
Engineer	\$130
Senior Inspector	\$126
Inspector	\$93
Senior Planner	\$150
Planner	\$120
Senior Designer	\$140
Designer	\$105
Environmental Specialist	\$120
Senior Environmental Specialist	\$167
Scientist/Geologist	\$115
Senior Scientist/Geologist	\$153
Marine Biologist/Hydrogeologist	\$120
Senior Marine Biologist/Hydrogeologist	\$145
Senior GIS Specialist	\$155
GIS Specialist	\$115
Clerical/ Administrative	\$73
Senior Technician	\$103
Technician	\$83
Surveyor and Mapper	\$125
CADD Technician	\$107
Survey Crew - 2 man	\$145
Survey Crew - 3 man	\$180
Survey Crew - 4 man	\$215
Senior Architect	\$160
Architect	\$125
<b>EQUIPMENT RATES (DAILY)</b>	
Survey Boat 24'	\$790
Truck (Road Use per mile)	\$0.45
RTK GPS	\$495
GPS Integrated Underwater Video Camera	\$435
SCUBA Tanks (Nitrox)	\$19
Dive Equipment and Insurance	\$75
Heave, Pitch & Roll Compensator	\$215
Speed of Sound Velocity Meter	\$63
Hypack/ Hysweep Navigation System	\$260
Odom Hydrotrac Sounder	\$165
Edgetech X-Star Chirp Seismic System	\$1,150
Thermal Seismic Printer	\$130
Edgetech Sidescan Sonar System	\$695
G-881 Magnetometer	\$215
Enclosed 18' Trailer	\$78
Level	\$65
Digital Camera	\$10
John Deer Gator	\$105
Sonar Wizard Seismic Data Processing Package	\$155
Subconsultant Handling Fee	1.05

**ESTIMATED FEE PROPOSAL FOR  
2023-2024 LOCAL GOVERNMENT FUNDING REQUEST (LGFR) PREPARATION  
COLLIER COUNTY, Contract No. 18-7432-CZ**

February 2, 2022

Task Item	Cost	Senior Project Manager  (Hours)	Senior Engineer  (Hours)	Engineer  (Hours)	GIS Specialist  (Hours)	Clerical/ Administrative  (Hours)
1 South Marco Beach LGFR Application	<b>\$8,208.00</b>	8	24	8	10	2
2 North County Beaches & Doctors Pass LGFR Application	<b>\$9,636.00</b>	8	28	10	14	2
3 Wiggins Pass LGFR Application	<b>\$8,208.00</b>	8	24	8	10	2
	Total Hours =	24	76	26	34	6
	Rate =	\$203	\$177	\$130	\$115	\$73
	Cost =	\$4,872	\$13,452	\$3,380	\$3,910	\$438
<b>TOTAL</b>	<b>\$26,052.00</b>					



**Exhibit C**  
**Rate Schedule**



\* \* \* \* \*

**SCHEDULE B-ATTACHMENT 1**  
**RATE SCHEDULE**

Title	Hourly Rate
Principal	\$231
Senior Project Manager	\$203
Project Manager	\$160
Senior Engineer	\$177
Engineer	\$130
Senior Inspector	\$126
Inspector	\$93
Senior Planner	\$150
Planner	\$120
Senior Designer	\$140
Designer	\$105
Environmental Specialist	\$120
Senior Environmental Specialist	\$167
Scientist/Geologist	\$115
Senior Scientist/Geologist	\$153
Marine Biologist/Hydrogeologist	\$120
Senior Marine Biologist/Hydrogeologist	\$145
Senior GIS Specialist	\$155
GIS Specialist	\$115
Clerical/Administrative	\$73
Senior Technician	\$103
Technician	\$83
Surveyor and Mapper	\$125
CADD Technician	\$107
Survey Crew - 2 man	\$145
Survey Crew - 3 man	\$180
Survey Crew - 4 man	\$215
Senior Architect	\$160
Architect	\$125

The above hourly rates are applicable to Time and Materials task(s) only. The above list may not be all inclusive. Hourly rates for additional categories required to provide particular project services shall be mutually agreed upon by the County and firm, in writing, on a project by project basis, as needed, and will be set forth in the Work Order agreed upon by the parties.

**Grant Funded:** The above rates are for purposes of providing estimate(s), as required by the grantor agency.

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