

September 9, 2024

Eric Charest Indian River County Department of Natural Resources 1801 27th Street Vero Beach, FL 32960-3388 Email: <u>echarest@indianriver.gon</u>

Subject:Proposal to Indian River County for Development of an Indian River Lagoon
Management Plan – Public Outreach- Amended to Include Story Map
Development

Dear Mr. Charest:

Tetra Tech, Inc. (Tetra Tech) is pleased to provide Indian River County (IRC) with an amendment to the proposal for services to carry forward the development of a comprehensive Indian River Lagoon (IRL) Management Plan and assist IRC by providing outreach services. The amendment will include the preparation of Story maps and assisting the county with publishing the story maps to the county website.

BACKGROUND

IRC is located along the IRL, which is one of the nation's most ecologically diverse estuaries and an important ecosystem in the state of Florida. The local governments and state agencies have been working together to restore this system, which is impaired by excessive nutrient inputs that are causing algal blooms and low dissolved oxygen conditions.

IRC has been collecting data on its portion of the IRL and providing regular updates to the County Commission on research areas since 2019. Based on the information provided, the Commission asked IRC staff to begin preparing a Lagoon Management Plan.

Tetra Tech has been working with IRC to develop the Lagoon Management Plan since 2018. In 2019, IRC hired an IRL Plan Environmental Specialist, and this position has taken the lead on preparing the plan with support from Tetra Tech. As part of plan development, IRC would like to include opportunities for public workshops and meetings with specific interest groups to gather input and feedback on the Lagoon Management Plan.

Tetra Tech completed the outreach outlined in this Task Order, and on September 26, 2023, The IRC Board of County Commissioners approved the IRL Lagoon Management Plan. There is a residual budget of approximately \$39,000 on this Task Order.

ORIGINAL SCOPE OF WORK

Task 1: One-on-One Meetings with Commissioners

Tetra Tech will work collaboratively with IRC staff during plan development to prepare presentations to each of the five County Commissioners on a one-on-one basis to update them on the progress with IRC's IRL Management Plan and to identify areas, topics, and projects that each commissioner would like to include (or exclude as the case may be) to the Plan. One meeting will be held with each commissioner. Tetra Tech will prepare an agenda, facilitate each meeting, take notes, and log comments from each commissioner. These meetings will be held inperson at the IRC office in a single day to minimize travel time and costs. Tetra Tech will assist IRC staff to ensure that the commissioners' comments are included in the draft Lagoon Management Plan.

Task 2: Facilitation and Support for Two Public Workshops

Tetra Tech will work collaboratively with IRC staff during plan development to prepare for two public workshops. At least one of these workshops will be held in the evening hours. Tetra Tech will assist in preparing a presentation summarizing the draft Lagoon Management Plan. The workshops will seek input for data gaps, projects, and topics for the draft plan. Tetra Tech will prepare an agenda, facilitate each meeting, take notes, and log comments. In addition, Tetra Tech can assist with providing online tools to allow for virtual participation in the workshops if IRC desires.

The public comment and review period for the draft Lagoon Management Plan will be open for 30 days during which time Tetra Tech will work with IRC staff to gather additional comments. All comments received will be tracked in an Excel document that notes the commenter, location in draft plan, and comment. Tetra Tech will work with IRC to provide a response to each comment, which will include noting how the plan was revised, if applicable.

Task 3: Meetings with Specific Interest Groups

Tetra Tech will also support IRC staff in 6 to 8 meetings with specific interest groups in the County. These meetings will be held with individual groups to discuss the draft Lagoon Management Plan and obtain input. IRC staff will identify the key interest groups to meet with, such environmental organizations and homeowner's associations, and provide contacts for each group. Tetra Tech will work with IRC staff to set up these meetings, facilitate each meeting, take notes, and log comments received. Tetra Tech will participate in half of these meetings in-person and half of the meetings virtually.

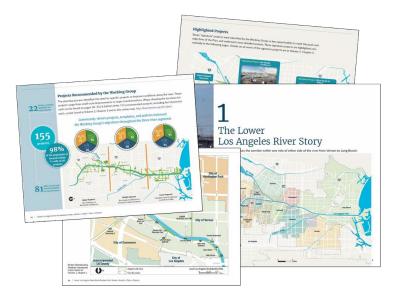
ADDITIONAL SCOPE OF WORK - AMENDMENT

Task 4: Development, Preparation, and implementation of Story Maps

Tetra Tech will assist with the creation of story maps. An initial meeting with Tetra Tech management and GIS support staff and IRC staff will determine concepts for story maps. create story maps as interactive maps incorporating technical and financial information, GIS data, and

photographs to showcase success stories for IRC projects. Once the concepts are identified, Tetra Tech can lead or assist with the ArcGIS Collector forms and methods.

Tetra Tech manages monthly collection of harmful algal bloom (HAB) data for updating the EPA Tracking Harmful CyanoHABs Story Map. Similar story maps may be prepared to update data sets in IRC collected and prepared by IRC, DEP, and/or other groups to continually update records monthly and spatially display data in ArcGIS online web map.



PROJECT SCHEDULE

The approximate duration noted for each task is based on our current understanding and best estimates of time required to perform the basic services and may be subject to change upon agreement between IRC and Tetra Tech.

Task	Timeline
Notice to Proceed (NTP)	June 15, 2023
Meetings with IRC Commissioners	July 2023
Public Workshops	August 2023
Meetings with Specific Interest Groups	August – September 2023
Development, Preparation, and	September 2024 –
implementation of Story Maps	September 2025

ASSUMPTIONS

Tetra Tech's scope of services and project costs were developed with the following assumptions:

- Tetra Tech shall be entitled to rely upon any information, data and documentation concerning the project provided to it by IRC or other parties or that is generally available, as well as any statements and representations made by IRC concerning the project or the services. In relying on such information, Tetra Tech shall have no obligation to investigate or independently verify the accuracy or completeness of such information.
- No field sampling, analysis, or design services will be conducted by Tetra Tech.
- Services are limited to only items included in the Scope, and any items not included in the scope shall be considered additional services subject to additional compensation and a time extension.

• In recognition of the relative risks and benefits of the project to both the Client and Tetra Tech, the risks have been allocated. The Client agrees to limit the liability of Tetra Tech for all claims related to the Project the contract value of \$68,956.02.

PROJECT COST

The TO costs were based on the understanding of the project requirements and best estimates of level of effort required to perform the basic services and were subject to change upon agreement between IRC and Tetra Tech. The remaining budget under the Task Order is approximately \$39,000. This proposal is for a no cost time extension and scope amendment, and our time and materials price proposal includes labor hours and travel costs in the amount of \$68,956.02, as originally awarded in TO 1.

Tetra Tech will invoice IRC each month for services rendered during the previous calendar month based on work completed for each task. Tetra Tech shall be paid for all invoices within 30 days of an approved submittal.

PERIOD OF PERFORMANCE

Tetra Tech anticipates commencing project activities upon receipt of a task order authorization from IRC. This project is anticipated to be completed by September 30, 2025.

Tetra Tech looks forward to providing these additional services in support of the Lagoon Management Plan and Story Maps. We are available to discuss our approach with you in detail at your convenience. Should you have any questions regarding this proposal, please contact me at (321) 961-5627.

Sincerely,

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Matthew D. Shelton Project Manager

Cc: Marcy Frick, Tetra Tech

EXHIBIT B SCHEDULE OF CURRENT HOURLY BILLING RATES TETRA TECH, INC. INDIAN RIVER COUNTY CONTINUING CONSULTING ENGINEERING SERVICES (RFQ 2023015)

Job Classification	Hourly Rate			
Management	ф <u>оог оо</u>			
Project Manager 1	\$ 205.00			
Project Manager 2	\$ 227.00			
Project Manager 3	\$ 248.00			
Sr Project Manager	\$ 292.00			
Engineers				
Engineering Technician	\$ 86.00			
Engineer 1	\$ 124.00			
Engineer 2	\$ 140.00			
Engineer 3	\$ 157.00			
Engineer 4	\$ 178.00			
Project Engineer 1	\$ 200.00			
Project Engineer 2	\$ 227.00			
Sr Engineer 1	\$ 259.00			
Sr Engineer 2	\$ 281.00			
Sr Engineer 3	\$ 300.00			
Architects and Scientists (Geologists, Biologists, Chemists, Environmental Scientists)				
Field Technician	\$ 81.00			
Architect/Scientist 1	\$ 103.00			
Architect/Scientist 2	\$ 119.00			
Architect/Scientist 3	\$ 135.00			
Architect/Scientist 4	\$ 151.00			
Architect/Scientist 5	\$ 167.00			
Senior Architect/Scientist 1	\$ 189.00			
Senior Architect/Scientist 2	\$ 205.00			
Architect/Scientist Manager	\$ 221.00			
Sr Architect/Scientist Manager	\$ 243.00			
Surveying				
Survey Tech 1	\$ 81.00			
Survey Tech 2	\$ 119.00			
Survey Tech 3	\$ 124.00			
Survey Crew Chief	\$ 135.00			
Surveying Specialist	\$ 151.00			
Land Surveyor	\$ 162.00			
Sr Land Surveyor	\$ 205.00			

EXHIBIT 2 SCHEDULE OF CURRENT HOURLY BILLING RATES TETRA TECH, INC. INDIAN RIVER COUNTY CONTINUING CONSULTING ENGINEERING SERVICES (RFQ 2023015)

Job Classification	Ηοι	Hourly Rate	
Computer Aided Design (CAD)			
CAD Technician 1	\$	86.00	
CAD Technician 2	\$	103.00	
CAD Technician 3	\$	119.00	
CAD Designer	\$	135.00	
Sr CAD Designer 1	\$	167.00	
Sr CAD Designer 2	\$	184.00	
Geographic Information Systems (GIS)			
GIS Analyst 1	\$	86.00	
GIS Analyst 2	\$	119.00	
Sr GIS Analyst	\$	146.00	
GIS Application Developer	\$	157.00	
Sr GIS Application Developer	\$	194.00	
Project Administration			
Project Assistant 1	\$	81.00	
Project Assistant 2	\$	92.00	
Project Administrator	\$	124.00	
Sr Project Administrator	\$	140.00	

Above rates are current rates for the initial 3-year term of the continuing services contract.