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June 22, 2022

Eric Charest  
Coastal Division  
Indian River County Public Works  
1801 27th Street  
Vero Beach, FL 32960

**Subject: Indian River County, FL  
Amendment No. 1 to Work Order 2018008-03  
Sebastian Inlet Technical Advisory Committee Sediment Budget Analysis**

Dear Eric:

This proposal is in response to a work order amendment request for Aptim Environmental & Infrastructure, LLC (APTIM) to provide technical assistance to the County in the review and development of a sediment budget for the Technical Advisory Committee (TAC) meetings for the Sebastian Inlet. This additional work will be added to the current scope of work as Task 3.

### **Task 3: Sediment Budget Development**

APTIM will develop a sediment budget to detail sediment transport through two additional cells within Indian River County. APTIM will utilize the County's database of historic survey data to develop the sediment budget to support discussions in regards to potential inlet impacts at the third TAC meeting. APTIM will review and utilize the Sebastian Inlet District's consultants previously developed sediment budget as needed throughout the analysis.

#### *Deliverable*

A detailed sediment budget in the form of a figure will be developed showing pathways of sediment transport within Indian River County. The sediment budget will be finalized prior to the third TAC meeting.

#### *Schedule & Assumptions*

The sediment budget will be finalized prior to the third TAC meeting currently schedule for August 24, 2022.

#### *Cost*

The total lump sum cost to perform the additional work described herein is \$7,620. The scope and fee were developed following the provisions of the Continuing Services Contract Agreement for Continuing Engineering Services 2018008 (dated April 17, 2018 and amended May 18, 2021) between Indian River County and APTIM.

Thank you for the opportunity to serve Indian River County. Please do not hesitate to call if you have any questions.

Sincerely,



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

**EXHIBIT A**

REV20.1



**Work Order 2018008-04**  
**Sebastian Inlet Technical Advisory Committee Sediment Budget Analysis**  
**Indian River County, FL**

**Summary of Cost by Task**

Task Number	Task Name	Labor	Sub-contractors	Mobilization/Travel	Totals
Task 1	Sediment Budget	\$ 7,620.00	\$ -	\$ -	\$ 7,620.00
<b>Totals =</b>		<b>\$ 7,620.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,620.00</b>

Submitted By: Nicole Sharp  
Submitted To: Indian River County, FL  
Submission Date: 6/8/2022



2020 - REV20.1

**Work Order 2018008-04**  
**Sebastian Inlet Technical Advisory Committee Sediment Budget Analysis**  
**Indian River County, FL**

**Summary of Labor Hours and Cost**

Labor Title	Labor Bill Rate	Sediment Budget Analysis		Totals	
		Task 1		Labor Hours	Cost
		Labor Hours	Cost		
Principal Engineer	\$ 295.00		\$ -	-	\$ -
Program Manager	\$ 215.00	8	\$ 1,720.00	8	\$ 1,720.00
Sr Coastal Engineer/Proj Mngr	\$ 195.00		\$ -	-	\$ -
Coastal Engineer III	\$ 165.00	20	\$ 3,300.00	20	\$ 3,300.00
Coastal Engineer II	\$ 130.00		\$ -	-	\$ -
Coastal Engineer I	\$ 105.00		\$ -	-	\$ -
Coastal Modeler II	\$ 130.00	20	\$ 2,600.00	20	\$ 2,600.00
Senior CAD Operator	\$ 185.00		\$ -	-	\$ -
CAD Operator	\$ 110.00		\$ -	-	\$ -
GIS Operator	\$ 120.00		\$ -	-	\$ -
Clerical	\$ 90.00		\$ -	-	\$ -
Technician	\$ 70.00		\$ -	-	\$ -
Mobilization/Travel					\$ -
Sub-Contractors			\$ -		\$ -
<b>TOTAL</b>		<b>48</b>	<b>\$ 7,620.00</b>	<b>48</b>	<b>\$ 7,620.00</b>

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