RESOLUTION 21-155

A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING A TASK ORDER WITH TETRA TECH FOR THE GATHERING OF SUPPLEMENTAL SITE MONITORING INFORMATION ASSOCIATED WITH A PERMIT MODIFICATION AT THE CONSERVATION PARK FOR THE BASIC AMOUNT OF \$11,000.

BE IT RESOLVED that the appropriate officers of the City are authorized to accept and deliver on behalf of the City that certain Task Order to that General Wastewater Facilities and Reclaimed Facilities Continuing Engineering Services Agreement between the City and Tetra Tech, Inc., dated December 29, 2013, relating to the gathering of supplemental site monitoring associated with a City permit modification, in the basic amount of Eleven Thousand Dollars (\$11,000), in substantially the form attached and presented to the Council today, draft dated January 19, 2021, with such changes, insertions or omissions as may be approved by the City Manager and whose execution shall be conclusive evidence of such approval.

THIS RESOLUTION shall be effective immediately upon passage.

PASSED in regular session this 13 day of May, 2021.

CITY OF PANAMA CITY BEACH

Mark Sheldon, Mayor

ATTEST:

Lynne Fasone, City Clerk



January 19, 2021

Mark Shaeffer, P.E. Utilities Engineer 116 South Arnold Road Panama City Beach, FL 32413

PROPOSED SCOPE OF WORK

SUPPORT OF THE DEVELOPMENT OF SITE SPECIFIC ALTERNATIVE CRITERIA (SSAC) FOR pH OF REUSE WATER DISCHARGE FROM WWTP #1 TO RECEIVING WETLANDS IN

PANAMA CITY BEACH, FLORIDA

The scope of this project includes additional task in support of the following:

Wetland Condition Index and Stream Condition Index sampling plan development/FDEP approval, sample collection, lab analysis and data management, to support of the development of SSAC for the pH of reclaimed water discharge from the City of Panama City Beach (CPCB) Waste Water Treatment Plant #1 (WWTP #1) into permitted receiving wetlands within a 3,000-acre Wetland Conservation Area.

This scope of amendment includes the following task.

Task:

I. Re-installation of surface water recorder and staff gauges in West Laird Creek:

- A. Provide stage recorder, staff gauges and miscellaneous material needed for instillation of stage recorder(stage/conductance) and staff gauges for monitoring surface water in West Laird Creek at SCI sampling location and St Joe Bridge:
- B. Install stage recorder (1) at St Joe Bridge and staff gauges (2) at St Joe Bridge and SCI monitoring location:
 - 1. Install one In-Situ electronic stage recorder at the bridge crossing over West Laird Creek downstream from SCI monitoring site.

- 2. Install one staff gauge at West Laird Creek Bridge and one staff gauge at the West Laird Creek SCI monitoring location.
- Instruct City personnel how to download and service In-Situ stage recorder on City provided laptop computer through In-Situ, Win-Situ software provided in data logger packaging.
- 4. Instruct on data collection at staff gauges and other observations needed for project success.

Period of Performance - December 2020, to December 2021

Assumptions

- The City will provide staff assistance in the installation of the electronic stage and conductance recorder at the West Laird Creek Bridge and West Laird Creek SCI monitoring locations
- Tt Ardaman & Associates staff (David Scarboro) will provide installation and setup of In-Situ stage recorder and staff gauges. Instruct City personnel how to utilize Win-Situ software and what observations are needed to be completed during routine monitoring.
- Invoicing from Tt NUS will be generated monthly and billed as percent-complete. Invoicing from Tt Ardaman will be handled as per terms and conditions of separate ISA contracts with Tt IER Orlando Office.

TASK ACTIVITIES	Amount	Cost/Unit	Units	Est. Price
TASK III:			Ontes	DSt. Title
Install surface water stage/conductance recorder (1) and staff gauges (3) in West Laird Creek				
Project Director:				
Douglas Dufresne	11	\$192,00	hour	\$192.00
GIS Analyst III:	,			0172.00
Environmental Scientist III:	- 1	\$131.00	hour	\$131,00
Dave Scarboro	40	\$111.00	hour	\$4440.40
Environmental Scientist III:				3440.40
David Carlee	4	\$101.75	hour	\$407.00
ODCs (field supplies, shipping, etc.)	1	\$4738.00	event	\$4738.00
Travel Expenses (lodging, per diem, transportation, fuel)	1	\$1086.00	event	\$1068,00
Total Fees				\$11,000,00
TOTAL ESTIMATED PRICE				\$11,000.00

Approval:

Mark Shaeffer, P.E. Utilities Engineer