



November 2, 2017
Tetra Tech Project: 194-5363 **Task 20.2**

Karen Olson

Deputy Director
Port and Marine Services
City of Key West
3140 Flagler Avenue
Key West, FL 33040

Reference: **Ferry Terminal**, Key West, Florida
Subject: Services during construction

Dear Karen:

Please find attached the scope of work for the Services during construction phase of the Ferry Terminal extension. Work will be completed under our current Environmental Engineering Services Contract using previously agreed upon terms and conditions. The task budget will not be exceeded without written authorization.

Summary of Budget

Task	Task Title/Task Function	Amount
20.2	Services During Construction	\$ 53,118
	Total Time & Material Estimate	\$ 53,118

If you have any questions or require any additional information, please contact me at 772.200.5113.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Stuart McGahee', written over a blue circular stamp.

Stuart McGahee PE
Project Engineer

cc: Shauna Stotler, Tetra Tech



SCOPE OF WORK

FERRY TERMINAL EXTENSION SERVICES DURING CONSTRUCTION

Key West, FL

This proposal has been prepared in accordance with executed General Environmental Engineering Services Agreement between the City of Key West and Tetra Tech, Inc. dated January 13, 2015. The work described herein will be performed on a Time & Expense basis in accordance with the fee schedule established in this agreement. Fees shall be not-to-exceed unless approved in writing by the City of Key West.

Prepared by: TETRA TECH, Inc.
November 2, 2017



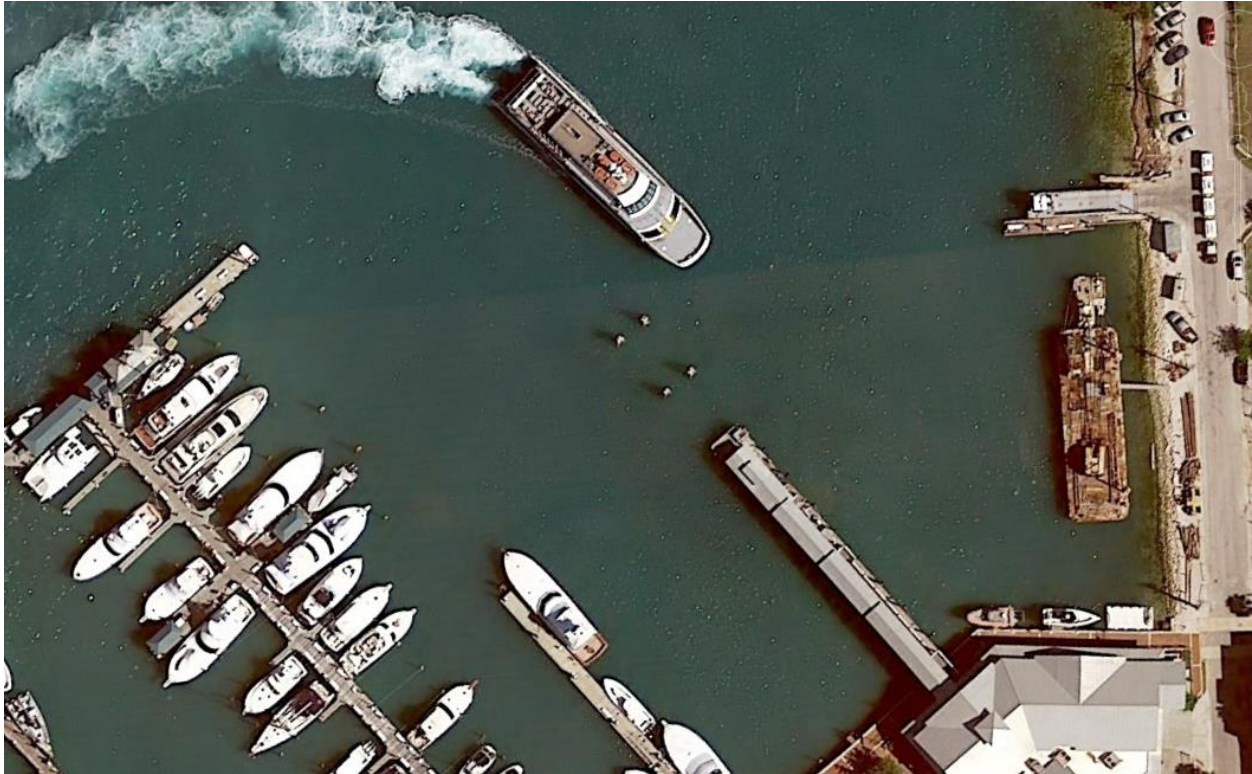
759 South Federal Highway, Suite 314 Stuart, FL 34994
Tel 772.781.3400 Fax 772.781.3411 www.tetrattech.com



SCOPE OF WORK

Tetra Tech will work with the City of Key West (City) Port & Marine Services to perform on-site construction observations and construction services associated with the Ferry Terminal extension in Key West, Florida.

PHOTO OF FERRY APPROACHING THE TERMINAL



Insert: Photo of Key West Bight Ferry Terminal taken on March 18, 2017

Task 20.2 Services During Construction

Tetra Tech will provide limited services during the construction of the Key West Ferry Terminal pier extension. The services during construction will include the following:

1. Review of contractor submitted shop drawings and coordination with the EOR for responses
2. 5-days of pile monitoring: Monitor pile driving (blow counts) for 15 concrete piles. Production estimate is 3-piles per day for a total of 5 consecutive days of pile driving observations.
3. Three construction inspection days: 1-electrical, 1-mechanical electrical fuel, 1-structural
4. Three substantial completion inspections: 1-each for electrical, mechanical-plumbing-fuel, structural
5. One specialty fuel inspections
6. Final inspection

NOT TO EXCEED ESTIMATE: \$ 53,118





PROPOSAL COST ESTIMATE

City of Key West			Task 20.2	
194-5363 / Task 20 / CoKW Ferry Terminal Extension			Services During Construction	
BILLING CLASS	NAME	UNIT RATE	UNITS	COST
Tetra Tech Staff				
Tech Prof II	S. Stotler-Hardy	\$ 115.00		
Tech Prof I	R. Garland	\$ 95.00		
Tech Prof II	C. Warren - Procurement	\$ 115.00		
Sr. Project Manager	S. McGahee	\$ 192.00	16	\$3,072
Sr. Tech Prof III	A. McDonald	\$ 179.00		
Sr. Tech Prof I	L. Canty	\$ 125.00		
Tech Prof I	F. Martinez	\$ 95.00	64	\$6,080
Sr. Tech Prof II	D. Frodsham	\$ 158.00	-	
TOTAL LABOR COST			80	\$9,152
Internal Subs (IER is a Tetra Tech Company)				
Engineer IV	David Burger	\$ 192.00	92	\$17,664
Engineer II	Mike Sutherland	\$ 158.00	44	\$6,952
Engineer II	Alex Garde	\$ 158.00	40	\$6,320
TOTAL INTERNAL SUBCONTRACTOR				\$30,936
TRAVEL				
R/T Airfare		\$ 300.00	10	\$3,000
Mileage/Gas		\$ 0.54	-	
Rental Car w/Fuel		\$ 60.00	25	\$1,500
Misc Travel Costs		\$ 50.00	15	\$750
Lodging		\$ 311.00	15	\$4,665
Meals & IE		\$ 69.00	35	\$2,415
TOTAL TRAVEL COSTS				\$12,330
OTHER DIRECT COSTS				
H/S Equipmnet		\$ 100.00	2	\$200
TetraTech Truck		\$ 100.00	5	\$500
TOTAL OTHER DIRECT COSTS				\$700
GRAND TOTAL				\$53,118

Tetra Tech, Inc.
Proprietary Data - for use in evaluation of this proposal only.

