



STATEMENT OF WORK

PROJECT: GR 1503 PROCUREMENT & CONSTRUCTION SERVICES TO SUPPORT TRUMAN SEAWALL REPLACEMENT

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.
January 10, 2017





PROPOSAL / STATEMENT OF WORK

Tetra Tech will work with the City of Key West (City) to assemble the construction documentation needed to facilitate the upgrade of the existing (350 FT) seawall located adjacent to the boat ramp behind the Florida Keys National Marine Sanctuary (FKNMS) Key West Office, Key West, Florida.

ENGINEERING SERVICES TO SUPPORT DESIGN BUILD OF TRUMAN SEAWALL REPLACEMENT



Insert: Limits of Construction

3.05 Procurement Services

Tetra Tech will provide the following level of effort to support the City of Key west during the procurement process for the Truman seawall project. This phase of the project is expected to last approximately two (2) months and include the following:

1. Project management and administration
2. Sixty (60) hours for engineering support during pre-construction. This includes final review of City's RFP and the review of technical and cost proposals received from bidders and possible presentation to city commission.
3. Travel limited to three (3) trips to Key West during this phase.

Procurement Services Subtotal: \$ 18,700

3.06 Services During Construction

Tetra Tech will provide the following level of effort to support the City of Key west during the construction phase of the Truman seawall project. This phase of the project is expected to last approximately three (3) months and include the following:

1. Project management and administration
2. One hundred sixteen (116) hours for engineering support during construction. This includes the review of RAIs, shop drawings, specifications and the contractor's submittal register. It will also include the pre-final inspection, preparation of the project punch list and final-inspection.
3. Construction inspection is limited to seven (7) weekly trips to Key West during this phase.

Services During Construction Subtotal: \$29,000

TOTAL: \$ 47,700



Cost Model

City of Key West (NOAA Seawall)			Task 3.05		Task 3.06		TOTAL	
Assistance with Review of Technical and Cost Proposals, and Services During Construction			Procurement Services		Services During Construction			
BILLING CLASS	NAME	UNIT RATE	UNITS	COST	UNITS	COST	UNITS	COST
Tetra Tech Staff								
Tech Prof II	S. Stotler-Hardy	\$ 115.00	12	\$1,380	-		12	\$1,380
Tech Prof I	R. Garland	\$ 95.00	10	\$950	-		10	\$950
Tech Prof II	TBD-Procurement	\$ 115.00	8	\$920	-		8	\$920
Sr. Project Manager	S. McGahee	\$ 192.00	60	\$11,520	116	\$22,272	176	\$33,792
Sr. Tech Prof III	G. Contreras	\$ 179.00					-	
Sr. Tech Prof III	A. McDonald	\$ 179.00	6	\$1,074	-		6	\$1,074
Sr. Tech Prof II	P. Zuloaga	\$ 158.00					-	
Tech Prof I	M. Mendoza	\$ 95.00					-	
Sr. Tech Prof I	L. Canty	\$ 125.00					-	
Sr. Tech Prof III	G. Vince	\$ 179.00					-	
Tech Prof I	K. Gracie	\$ 95.00					-	
TOTAL LABOR COST			96	\$15,844	116	\$22,272	212	\$38,116
TRAVEL								
R/T Airfare	\$ 450.00	3	\$1,350	7	\$3,150	10	\$4,500	
Mileage/Gas	\$ 0.54	-				-		
Rental Car w/Fuel	\$ 60.00	6	\$360	14	\$840	20	\$1,200	
Misc Travel Costs	\$ 50.00	6	\$300	14	\$700	20	\$1,000	
Lodging	\$ 204.00	3	\$612	7	\$1,428	10	\$2,040	
Meals & IE	\$ 69.00	3	\$207	7	\$483	10	\$690	
TOTAL TRAVEL COSTS				\$2,829		\$6,601		\$9,430
OTHER DIRECT COSTS								
Shipping/Postage	\$ 5.00	2	\$10	8	\$40	10	\$50	
Reproduction - B&W	\$ 0.08	200	\$16	500	\$40	700	\$56	
Misc. Equip & Supplies	\$ 25.00						-	
Air fills	\$ 6.00						-	
Dive Equipment	\$ 35.00						-	
H/S Equipmnet	\$ 100.00						-	
TetraTech Truck	\$ 100.00						-	
Restoration materials	\$ 300.00						-	
Vessel	\$ 400.00						-	
TOTAL OTHER DIRECT COSTS				\$26		\$80		\$106
GRAND TOTAL				\$18,699		\$28,953		\$47,652
				18,700		29,000		47,700

