

June 24, 2026

Becky Serra
Tetra Tech CES

Subject: Charter Boat Row Seawall Replacement — Fee Proposal for Design Services

Dear Mrs. Serra

Tetra Tech WTR is pleased to provide this proposal for the services identified below for the project entitled "Charter Boat Row Seawall Replacement."

SCOPE

90% and 100% Drawings and Specifications

WTR will perform the following tasks:

- Review the existing 60% set of drawings and project data.
- Develop the documents to a 90% submittal by adding necessary details, member sizes, connection details, material callouts, calculations, and construction-level information required for permitting and construction pricing.
- Mechanical engineering will provide potable water piping design from the water mains to the locations on the dock; sewer piping from the pump-out stations to the sewer connection; and piping to supply all fire hydrant and hose reels based on information from the fire protection engineer on the locations and required flow rates to comply with local fire codes.
- Prepare construction specifications for the 90% submittal using the Client's specification format or SpecsIntact as agreed.
- After the Client reviews the 90% submittal and returns consolidated comments, WTR will incorporate those revisions and produce the 100% submittal (approved for construction).
- Prepare construction specifications for the 100% (approved for construction) submittal.
- Provide CAD production for all drawings, up to twenty-four (24) sheets.
- Coordinate and attend a bi-weekly one (1) hour virtual meeting throughout this phase to discuss progress and review issues.
- Electrical Engineer and Mechanical Engineer will both participate in one (1) site visit during design for an utility investigation. Each staff person will require travel time to the site, one (1) day for a site visit, and then travel time back to the office.
- Electrical engineer will provide marine power design from the power source to the locations on the dock, lighting, and convenience outlets.

Deliverables:

- 90% drawing set (CAD) with accompanying 90% specifications.
- 100% (approved for construction) drawing set (CAD) incorporating Client comments, with accompanying final specifications.

- PDF copies of the 90% and 100% drawings and specifications.
- Participation in weekly one (1) hour virtual progress/coordination meetings.
- One (1) site visit by two (2) WTR engineers.

Assumptions:

- WTR will receive the complete existing 60% drawings and any other relevant data and documentation necessary to develop the 90% submittal. WTR can rely on the 60% drawings that were prepared by CES
- WTR is entitled to rely upon any information, data, and documentation concerning the project provided to it by the Client or other parties or that is generally available, as well as any statements and representations made by the Client concerning the project or work. In relying on such information, WTR has no obligation to investigate or independently verify the accuracy or completeness of such information.
- There are no major design changes required to progress from 90% to 100%.
- Client will provide one (1) consolidated set of comments on the 90% submittal.
- Permitting status will be verified.
- Other than assisting with obtaining power for the site, electrical permitting will be completed by others.
- Marine sanitary pump-out stations will be an off the shelf product and will not require a custom design. Sewer hydrants will have a shutoff at each location and the hydrant size will be verified.
- Water flow and pressures will be provided by the Client or local utility.
- Sewer locations will match existing locations.
- All drawings will be provided in 2D AutoCAD.

Support During Bid Phase

WTR will respond to bidder inquiries and prepare drawing and specification amendments as required during the bid period.

Deliverables:

- Respond to up to ten (10) bid inquiries.
- Prepare and issue up to three (3) drawing/specification amendments.
- Coordinate and attend bi-weekly one (1) hour virtual meetings throughout this phase to discuss progress and review issues.

Assumptions:

- The City of Key West will submit consolidated written questions.
- WTR will not be required to meet every individual bidder in person.

Engineering Support During Construction

WTR will provide remote engineering support during construction, respond to Requests for Information (RFIs) arising from the contract documents, and review contractor submittals for conformance with the contract documents and design intent. During construction, the Structural Engineer and the Electrical Engineer will each make one (1) site visit. Each staff person will require travel time to the site, one (1) day for a site visit, and then travel time back to the office.

Deliverables:

- Respond to up to ten (10) RFIs.
- Review up to ten (10) contractor submittals.

Assumptions:

- RFI responses and submittal reviews will be provided within mutually agreed turnaround times (typical turnaround to be defined in the contract).
- WTR will not provide a full-time or part-time resident engineer on site. All support will be provided remotely.

Exceptions

- Permitting is out of scope (permits have already been obtained).
- On-site construction administration or full-time resident engineering is out of scope unless separately contracted.
- Cultural resources work, material testing services, or other specialty consultant services are excluded unless otherwise specified and agreed.
- Geotechnical investigations, environmental permitting, and specialty surveys are out of the scope as these were completed under the assessment task order.
- Any work beyond the explicitly listed limits for bid inquiries, amendments, RFIs, and submittal reviews will be considered additional services and billed accordingly.
- No site visit is included for the fire suppression engineer.

Fees

The project will be completed on a time and materials basis using the approved contract rates. The total not to exceed cost is **\$265,537** as shown in the table below. While each task has an estimated cost, funding can be moved from one task to another, depending on the level of effort needed. These costs assume the project will be completed by March, 2027. If this project extends beyond this date, Tetra Tech may need additional funding.

Position	Hourly Rate	Hours	Total Cost
Senior Consultant III	\$255	163	\$41,565
Senior Consultant I (Geotechnical)	\$232	53	\$12,296
Senior Staff V (Coastal)	\$177	39	\$6,903
Senior Staff V (Accounting)	\$177	4	\$708
Senior Staff V (CAD Structural)	\$177	124	\$21,948
Senior Staff IV (Structural)	\$168	63	\$10,584
Senior Staff III (QA/QC)	\$160	12	\$1,920
Senior Consultant I (Mechanical)	\$232	120	\$27,840
Senior Staff IV (Mechanical)	\$168	114	\$19,152

Position	Hourly Rate	Hours	Total Cost
Senior Staff II (CAD mechanical)	\$151	80	\$12,080
Principal III (Electrical)	\$298	132	\$39,336
Senior Staff III (Electrical)	\$160	92	\$14,720
Senior Staff II (CAD electrical)	\$151	83	\$12,533
Senior Staff IV (Specs Expert Electrical & Mech)	\$168	85	\$14,280
Senior Staff II (CAD fire suppression)	\$151	26	\$3,926
Manager III (Fire Suppression)	\$204	75	\$15,300
Labor subtotal	-	-	\$255,091
Travel (4 trips including flights, rental car, hotel, meals)	-	-	\$10,446
Travel subtotal	-	-	\$10,446
TOTAL			\$265,537

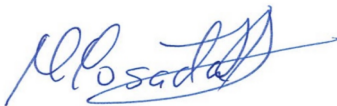
Breakdown by Task:

Task Summary		
Task 1	Review and Design development to 90%	\$102,061.00
Task 2	100% Submittal	\$55,532.00
Task 3	Bid Phase Support	\$29,474.00
Task 4	Construction Phase Support	\$38,710.90
Task 5	Meetings	\$8,148.00
Task 6	QA/QC	\$8,336.00
Task 7	Site Visit / Utility Investigation	\$23,275.40
Total		\$265,537.30

Site Visit Cost Breakdown:

Category	Design Phase	Construction Phase	Summary
Airfare	\$1,700	\$2,400	\$4,100
Hotel (3 nights) and meals	\$1,920	\$1,920	\$3,840
Transportation	\$1,000	\$600	\$1,600
G&A	\$439	\$467	\$906
TOTAL	\$5,059	\$5,387	\$10,446

Sincerely,



Mauricio Posada, P.E.