THE CITY OF KEY WEST
1300 White Street
Key West, FL 33040

ADDENDUM NO. 1 – RE-BID REST BEACH STABILIZATION
ITB 18-011

This addendum is issued as supplemental information to the bid package for clarification of certain matters of both a general and a technical nature. The referenced bid package is hereby addended in accordance with the following items:

- Pre-bid meeting minutes
- Sign-in sheets
- Pre-bid meeting brief
- Answers to ITB questions

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 by submitting the addendum with their proposal. This Addendum does not alter the bid-opening date of January 24th, 2018 at 3:30pm. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

_____ _____
Signature Name of Business

Rest Beach Stabilization
City of Key West Bid No. 18-011
January 3rd, 2018

1. Attendees

The sign in sheet is provided as Attachment 1.

City of Key West:	Steven McAlearney, Senior Project Manager Karen DeMaria, Urban Forestry Manager (attended site visit only)
Tetra Tech:	Michael Barnett, PE, D.CE, Engineer of Record Jesse Davis, PE, Project Engineer
Potential Bidders:	David Fernendez, D.N. Higgins Daniel Andrews, Burke Construction Dante Alvarez, Burke Construction Francisco Guarin, PAC Comm, Inc Michael Labrada, Charley Toppino & Sons Zack Schnoke, Earth Balance Charlie Ambrose, Roberts Site Development Gerry Knopp, Ebsary Foundation Esteban Loza, Kiewit Rick Sheltra, PRP Construction Evan Lyons, Coral Construction Company Ray Sheltra, Dickerson Florida

2. Pre-Bid Presentation

- 1000: Introductions led by Steven McAlearney. Mandatory Pre-Bid meeting. Sign-in sheet provided as Attachment 1.
- Michael Barnett led attendees through a presentation. Slides are provided in Attachment 2.
- Attendees were invited to attend a walkthrough of the site. Meeting adjourned at ~10:20 am.

3. Questions

The following questions were posed during the meeting. Written responses are provided in Attachment 3.

- Is coal tar epoxy required on both sides of the sheet pile? Is there any concern that the coating will peel off while driving the sheets through the limestone?
- Will alternative sheet pile sections be considered?
- Are soil boring data available?
- When will the contract be awarded? When will construction begin?
- What is the engineer's estimate?
- Are there any blackout dates?
- What are the working hours?
- Does the Davis-Bacon Act apply to this project?
- Is there a Small Business utilization requirement?
- May we obtain a copy of the sign in sheet?
- Is vibration monitoring required?

Rest Beach Stabilization ITB 18-011

SIGN-IN SHEET PRE –BID CONFERENCE **January 3, 2018**

NAME	COMPANY	CELL#	EMAIL
STEVE McALEARNEY	CKW	305 809 3747	SMCALEARNEY@CITYOFKEYWEST-FL.GOV
JESSE DAVIS	TETRA TECH	772-285-8978	JESSE.DAVIS@TETRATECH.COM
Michael Barnett	Tetra Tech	251 405 4862	michael.barnett@tetratech.com
David Fernandez	D.N. Higgins	305 297 8698	David f@DNHiggins.Com

Rest Beach Stabilization ITB 18-011

SIGN-IN SHEET PRE –BID CONFERENCE **January 3, 2018**

NAME	COMPANY	CELL#	EMAIL
Daniel Andrews	Burke Construction		Dandrews@bcgconstruction.net
Dante Alvarez	Burke Construction		Dalvarez@bcgconstruction.net
Francisco Guarin	PAC comm inc		fguarin@Paccomminc.com

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SIGN-IN SHEET PRE –BID CONFERENCE **January 3, 2018**

NAME	COMPANY	CELL#	EMAIL
Michael Labroda	Charley Toppino & SONS	305-304-9356	mlabroda@charley-toppino.com
Zack Schnoke	EarthBalance	321-431-4546	zschnoke@earthbalance.com
Charlie Ambrose	Roberts site Development	3865900412	charlie@flaland.com
GERRY KNOPP	ESSARY FOUNDATION	305-936-9025	GKNOPP@ESSARYFOUNDATIONCO.com
ESTEBAN LOZA	KIEWIT	954-439-4832	ESTEBAN.LOZA@KIEWIT.com

Rest Beach Stabilization ITB 18-011

SIGN-IN SHEET PRE –BID CONFERENCE **January 3, 2018**

NAME	COMPANY	CELL#	EMAIL
Rick Sheltra	PRP Const	772-214-5208	PPSheltra@Gmail.Com
Evan Lyons	Coral Construction Company	305-394-0747	Coralconstruction@yahoo.com
Ray Sheltra	Dickerson Fl.	772-216-5449	RSheltra@DFIFL.com

TETRA TECH

Rest Beach Stabilization

City of Key West Invitation to Bid No. 18-011

January 3rd, 2018

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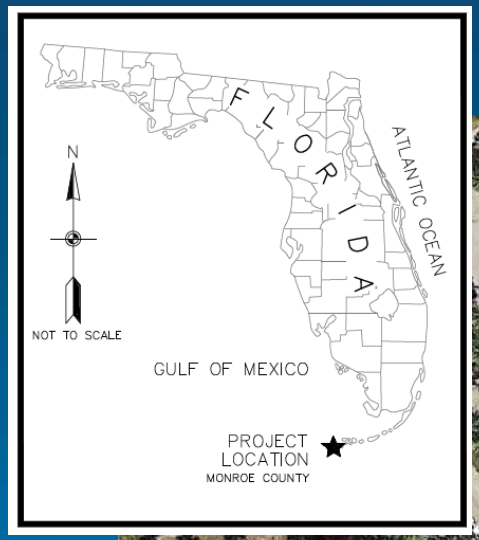
TETRA TECH

Presentation Outline

- Project Location
- Project Overview
- Bulkhead Features
- City Provided Staging Areas
- Tree Permit Requirements
- Administration
- Questions

Rest Beach Project Location



Project Overview

- **Site Preparation**
  - Pruning/relocation of trees that will be impacted by construction
  - Demolition & disposal of concrete sidewalk
  - Excavation, filling & grading
- **Installation Activities***
  - 702 LF Steel Sheetpile w/ Reinforced Concrete Cap
  - Concrete Steps w/ Landing Pad for Beach Access
  - Repair & Installation of New Concrete Sidewalks
  - 35 LF Aluminum Handrail
  - 740 LF Post & Rope Fence
- **Site Restoration & Landscaping**

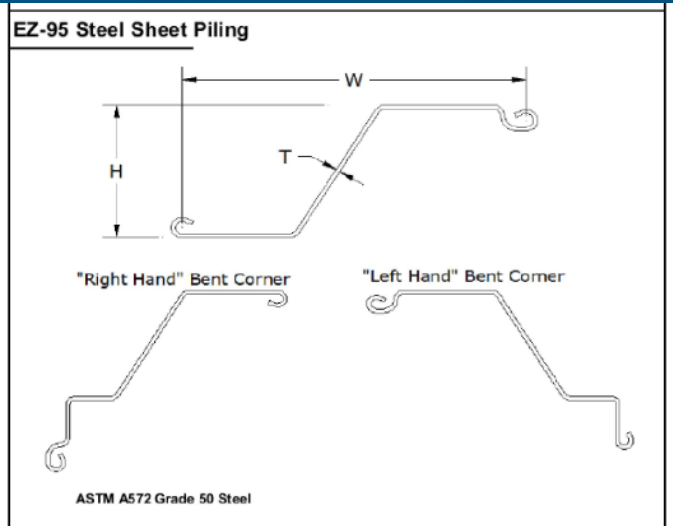
*Quantities provided herein are for informational purposes only; Bidders are responsible for verification of all quantities

Existing Conditions

- **Site Elevation Varies**
  - Approximately 0’ to +4’ NAVD-88
  - Limestone bedrock @ approximately -1’, NAVD-88
  - No construction activities seaward of MHW, -0.18’ NAVD-88
- **Utilities**
  - AT&T utility line located adjacent to Atlantic Blvd
  - Contractor to locate all utilities prior to construction
- **High Traffic Area**
  - No public access to the site during construction
  - No impediment of traffic along Atlantic Blvd during construction

Bulkhead Features

- **Steel Sheetpile**
  - EZ-95 ASTM A572, Grade 50
  - Approximately 337 total sheets, 12ft long
  - Bid Options for:
    - Increased corrosion resistance
      - ASTM A690 or Coal Tar Epoxy
    - Increased drivability
      - Addition of steel points to sheetpile



Section	Width W in mm	Height H in mm	Thickness T in mm	Cross Sectional Area in^2/ft cm^2/m	Weight Pile lb/ft kg/m	Weight Wall lb/ft^2 kg/m^2	Section Modulus in^3/ft cm^3/m	Moment of Inertia in^4/ft cm^4/m	Coating Area Both Sides ft^2/ft m^2/m
EZ-95	25.00 635	10.81 275	0.375 9.50	14.40 92.7	48.90 72.8	23.50 115	24.40 1310	131.00 17900	5.60 1.71

Bulkhead Features

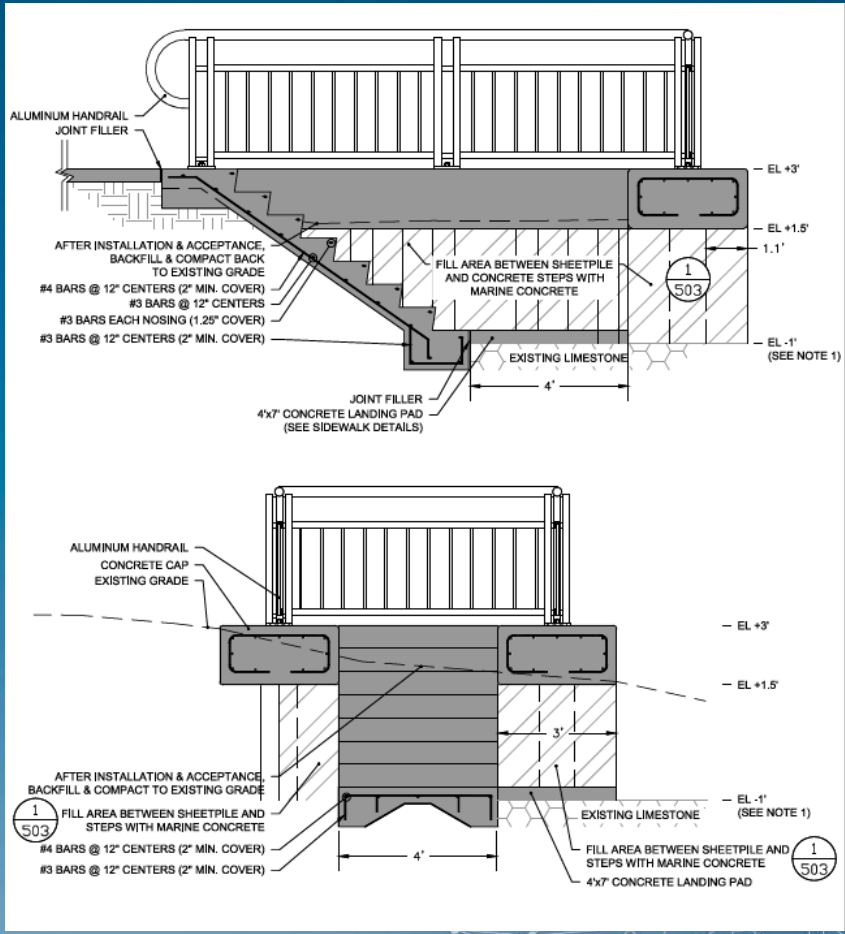
- **Steel Sheetpile**
  - Alignment shall be field staked for City approval prior to construction
    - Alignment coordinates provided in plan set
  - Begins at the Edward B. Knight Fishing Pier
  - Terminates at existing concrete ramp

Base of Pier - January 2, 2018

Photo of Ramp on January 2, 2018

Bulkhead Features

- **Concrete Cap**
  - 3’ wide x 1.5’ thick
  - Top of cap set at EL +3’ (+/- 0.25 inch tolerance)
  - Grading landward of cap to provide smooth transition to existing topography
- **Beach Access**
  - Concrete stairs with landing pad set on limestone bedrock
- **Aluminum Handrail**
  - FDOT Standard 862

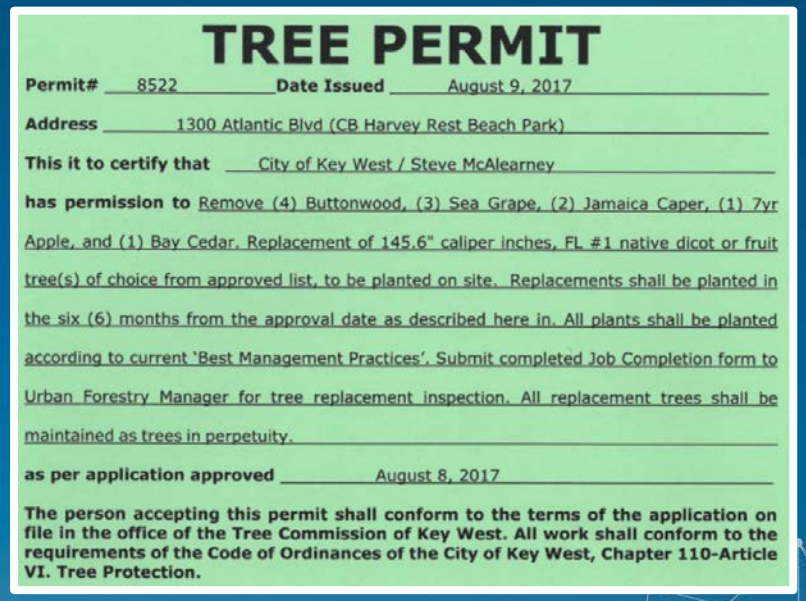


City Provided Staging Areas

- Site Security
- Maintenance of Traffic
- Site Restoration

Tree Permit Requirements

- City has obtained permit authorizing removal of trees within 30’ wide area depicted on drawings.
- Removal of all trees within this 30’ wide area requires the installation of 145.6 caliper inches of FL #1 native dicot or fruit trees.
- Contractor is required to identify & flag trees that will be impacted during construction. This may be more or less than what has been identified by the City.
- A new permit will be issued based on the Contractor-specific Work Plan which identifies the exact number of trees that will be impacted during construction.



TREE PERMIT

Permit# 8522 **Date Issued** August 9, 2017

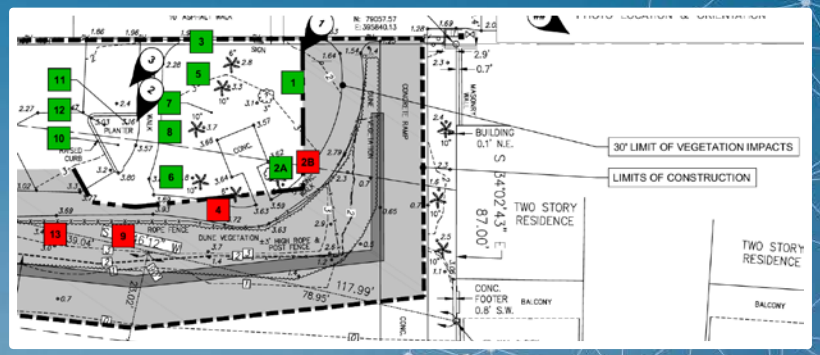
Address 1300 Atlantic Blvd (CB Harvey Rest Beach Park)

This it to certify that City of Key West / Steve McAlearney

has permission to Remove (4) Buttonwood, (3) Sea Grape, (2) Jamaica Caper, (1) 7yr Apple, and (1) Bay Cedar. Replacement of 145.6" caliper inches, FL #1 native dicot or fruit tree(s) of choice from approved list, to be planted on site. Replacements shall be planted in the six (6) months from the approval date as described here in. All plants shall be planted according to current 'Best Management Practices'. Submit completed Job Completion form to Urban Forestry Manager for tree replacement inspection. All replacement trees shall be maintained as trees in perpetuity.

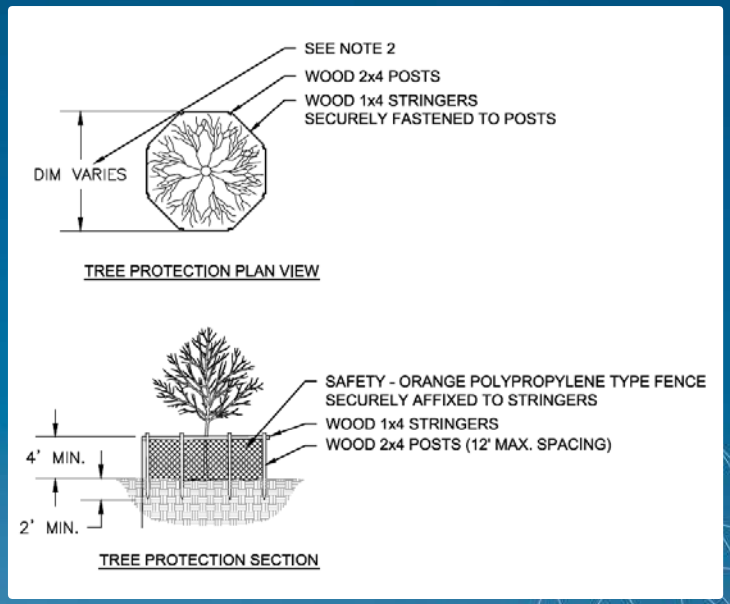
as per application approved August 8, 2017

The person accepting this permit shall conform to the terms of the application on file in the office of the Tree Commission of Key West. All work shall conform to the requirements of the Code of Ordinances of the City of Key West, Chapter 110-Article VI. Tree Protection.



Tree Protection & Relocation

- Tree protection required for all trees in construction area that will not be removed.
- Transplanting, rather than removal and replacement, is an option.
- Transplanting requires that root pruning be performed 6 weeks prior to transplanting.
- All tree pruning, trimming, and transplanting to be performed by a FNGLA Certified Landscape Contractor.
- Contractor shall guarantee survivability for a period of one year.



Administration

- **Team Members and Responsibilities**
  - City of Key West - Owner and Administrator of Contract
    - James Bouquet, P.E., City Engineer
    - Steven McAlearney, Senior Project Manager
  - Tetra Tech, Inc. - Engineer
    - Michael Barnett, P.E., D.CE – Project Manager and Engineer of Record
    - Stuart McGahee, P.E. – Senior Engineer
    - Jesse Davis, P.E. – Project Engineer

Administration (continued)

- **Lines of Communication**
  - Document Interpretation – all inquiries must be submitted in writing, and shall be directed to Steve McAlearney

    (email: smacalearney@cityofkeywest-fl.gov)

- **Cone of Silence**
  - City of Key West Ordinance Section 2-773

- **Key Dates**
  - Document Interpretation Questions submitted (in writing) on or before January 12th, 2018
  - **Bids Due January 24th, 2018** (no later than 3:30 pm)

Questions?

Attachment #3
City of Key West Bid No. 18-011
Re-Bid: Rest Beach Stabilization
January 2018

ITB Questions

1. Is coal tar epoxy required on both sides of the sheet pile?

   City Response: **Yes. For this bid option, each sheet will be coated full length on all sides.**

2. Is there any concern that the coal tar epoxy coating will peel off while driving the sheets through the limestone?

   City Response: **There are two bid options that provide increased corrosion resistance to the specified sheet pile sections; ASTM A690 and coating with coal tar epoxy. The City will consider the costs and benefits of both options when evaluating the bids.**

3. Will alternative sheet pile sections be considered?

   City Response: **Yes. Alternative sheet pile sections must be approved by the City's Engineer.**

4. Are soil boring data available?

   City Response: **Yes. The geotechnical report is provided in Part 5 of the bid package.**

5. When will the contract be awarded? When will construction begin?

   City Response: **Please refer to Part 1, Instructions to Bidders, Article 12 (Award of Contract).**

6. What is the Engineer's estimate?

   City Response: **The project is anticipated to cost between $1.2 and $1.5 million.**

7. Are there any blackout dates?

   City Response: **Per Part 3, Supplementary Conditions, Article 39, no work is allowed on Sundays, City Holidays, State Holidays and National Holidays.**

8. What are the project working hours?

   City Response: **8:00am to 7:00pm Monday through Friday and 9:00am to 5:00pm on Saturday.**

9. Does the Davis-Bacon act apply to this project?

   City Response: **No.**

10. Is there a small business utilization requirement?

    City Response: **No.**

11. May we obtain a copy of the sign-in sheet?

    City Response: **Yes. See Attachment 1.**

12. Is vibration monitoring required?

    City Response: **The contractor is required to closely monitor the vibrations produced during the sheetpile driving operations (and particularly for work conducted at the baseline stationing called out in the Schedule of Values) so that particle vibrations adjacent to existing structures do not exceed 0.5 inches per second.**