



ARTIBUS DESIGN

ENGINEERING AND PLANNING

Changer order #2

to

Task Order #0223-01

Structural Engineering Design Services

Spencer's Boat Yard

701 Palm Ave, Key West, FL 33040

**Replacement of the existing severely damaged seawalls, gantry crane piers
and wood frame marginal docks**

Prepared for

City of Key West Engineering Department

May 16, 2024

By:

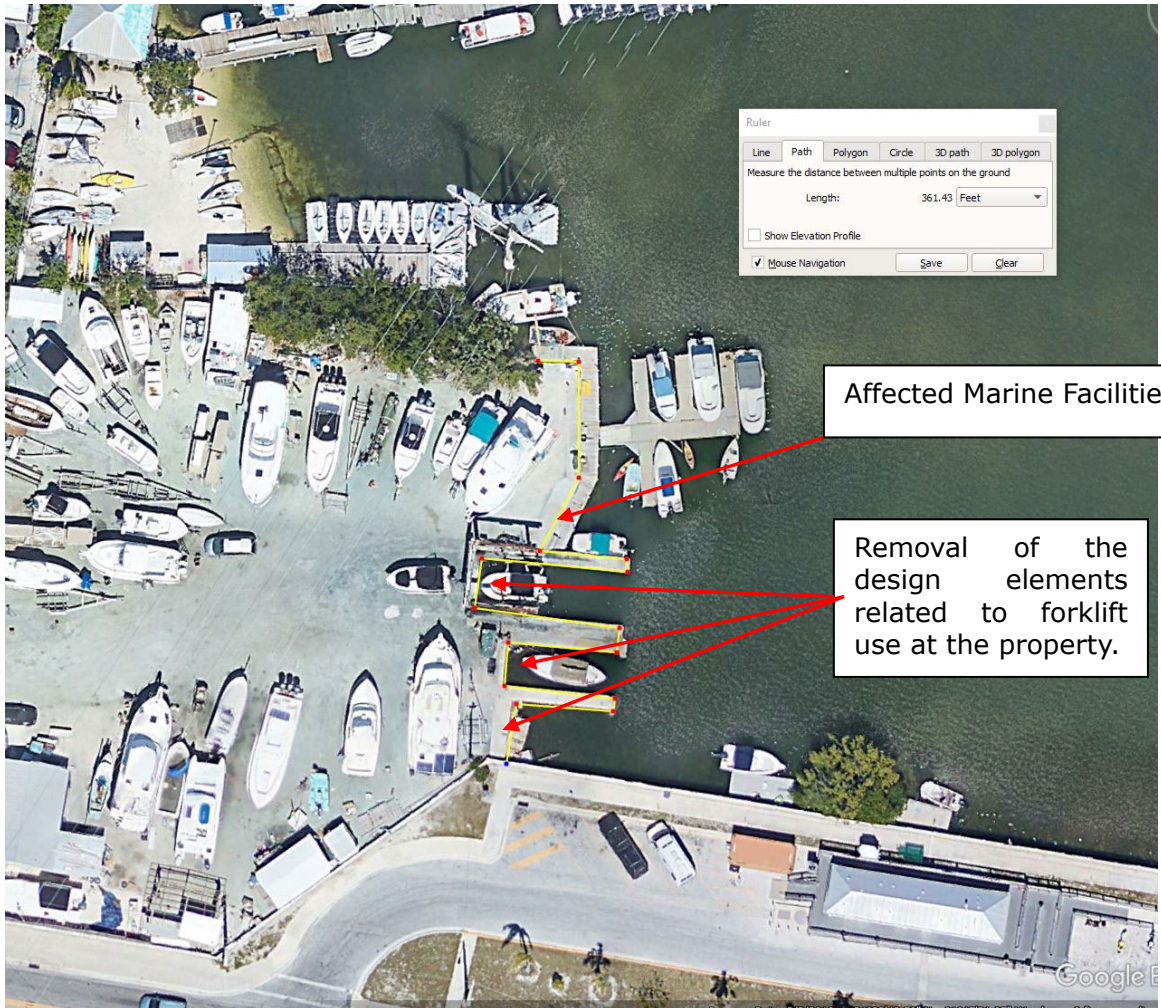
**Artibus Design LLC,
3710 N Roosevelt Blvd,
Key West, FL 33040**

PAGE 1 OF 5

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SPENCER'S BOAT YARD, CHANGE ORDER #3



**Location Map
(Change Order work location)**

Change Order Description:

The change order is reflecting removal of the bid alternate for the forklift and revise the associated documents. Additional work description included and excluded items are in the Supplemental Scope of Work description by HighSpans. See Appendix C.



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Artibus Design LLC is pleased to present this engineering service proposal for the scope described below.

Scope of work:

Task 5. Specialty Engineer Design and Permitting Services CO#2.

2.1 See Appendix "C" for HighSpans Engineering, Inc Estimate.

Deliverables:

1. See Appendix "C" for Specialty Engineer scope of service.

Assumptions:

1. City will provide any available documents related to the original construction and improvements (if available).
2. City will provide full and unrestricted access to the property during normal work hours Monday-Friday 7 am till 5 pm.
3. It is understood that the work may be terminated at the end of any task, if the City deems necessary.

Cost of Work:

The proposed total lump sum fee for this scope of work shall be: **\$192,080.00.**

(Original Contract + Changer Order #1+ Change Order #2)

Task 5. Specialty Engineer Design and Permitting Services CO#2.

HighSpans Engineering, Inc. Estimate (Lump Sum)

\$7,500.00



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Schedule of Hourly Rates (Per Approved Contract)

Title or work description	Hourly Rate
Licensed Professional Engineer (P.E.)	\$180.00
Project Manager	\$156.00
Certified Engineer Intern (E.I.)	\$130.00
Structural Inspector (non P.E.)	\$130.00
Expert Witness (Legal)	\$350.00
Inspector (non P.E.)	\$105.00
Engineering Technician	\$105.00
Drafting Technician	\$105.00
Clerical	\$78.00

Schedule of Reimbursable Expenses

Item description	Rate
Large Format Prints (Arch-D, 24"x36") Color	\$35.00/Each
Large Format Prints (Arch-D, 24"x36") Black&White	\$15.00/Each
Prints (Tabloid, 11"x17") Color	\$5.00/Each
Prints (Tabloid, 11"x17") Black&White	\$0.75/Each
Prints (8.5"x11") Color	\$0.50/Each
Prints (8.5"x11") Black&White	\$0.25/Each
Binding Large Format	\$50.00/Each
Binding Tabloid and Letter Format	\$20.00/Each
Mailing and Shipping Expenses	Cost + 20%
Travel Expenses (outside Monroe County)	Cost + 20%
Misc. (Discs, Flash Drives, etc.)	Cost + 20%

Client:
 Signature _____ Date _____
 Albert Childress
 City Manager

By: *Serge Mashtakov* Date 05/16/2024
 Signature _____
 Serge Mashtakov, PE
 President, Artibus Design LLC



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Appendix "C"
HighSpans Engineering, Inc
Estimate
(see attached)

Serge Mashtakov

From: Tom Waits <TWaits@highspans.com>
Sent: Tuesday, May 7, 2024 4:06 PM
To: Serge Mashtakov
Cc: Schelle Buchholz; Lindsay Eaton
Subject: Spencers Boat Yard - Change Order for Additional Work

Serge,

As requested, we have estimated our design costs to revise the plans and remove the bid alternate for the forklift and revise the associated documents so the City can rebid the project. See below for the sheets in the plan set that would be revised.

- The following plan sheets must be updated or modified:
 - Title sheet
 - Signature sheet
 - Summary of quantities sheet
 - General Notes sheets
 - Project Overview sheet – Base Design
 - Wall Plan sheet
 - Seawall Detail (1 of 2)
 - Seawall Details (2 of 2)
 - Reinforcing Bar List sheets
- The construction cost estimate will be revised
- A new bid tab sheet will be provided.
- We will correspond as needed with ACOE and FDEP to discuss removal of forklift items from plans and how this impacts the permit.
- We will amend the permit as necessary to remove forklift items.

The additional cost for this work would be \$7500 which would be added to our contract under Task 5 (Post Design Services). We are ready to execute this work as soon as we have the approval.

Thanks,
-tom

Thomas M. Waits, P.E.
Chief Engineer

HighSpans Engineering, Inc.

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Fort Myers, FL 33901
Cert. of Auth. 27559

239-433-3000 (office)
850-242-6070 (Mobile)

Where **Structural Design Meets Construction Engineering**