CITY OF PANAMA CITY BEACH

September 13, 2022

ADDENDUM NO. 4

PCB22-84 ITB
Fire Tower

Questions:

1. Section 00 03 00 – Bid Proposal Form states that project duration is 180 days to Substantial completion. Section 13 34 24 states that the construction duration is 280 days. What is the duration of the project?

   A. Section 00 03 00, Paragraph #4 is amended to read:
   "…achieve Substantial Completion of the WORK withing **380** days…"

   B. Section 13 34 24, Paragraph. #2.3B is amended as follows:
   Delete Paragraph 2.3 B in its entirety.

2. Regarding the fire tower design and construction, in lieu of storage container construction, would a structural steel modular design that does not utilize storage containers be acceptable, as long as it fit all the other criteria? It will fall within the same footprint as the shown in the bid drawings. This structural steel design will provide a 5-year warranty on the structure and a 20 year on the paint. This product has a 16-week lead time after submittal approval.

   A. No. Provide container-based structure as specified.

3. Para 2.1.A of section 13 34 24 requires that all new materials are 'new'. In this industry, single-use ISO containers are generally used. Please confirm that this requirement does not apply to the containers.

   A. Section 13 34 24, Paragraph. #2.1A is amended to read as follows:

      "A. Materials:
         1. Base Bid: Provide all new material containers.
         2. Alternate No. 4: Provide singles use ISO containers."

   B. Section 00 03 00, Bid Schedule is amended as follows:
      Replace page 3 of spec section with new page 3(r) adding Bid Item No. 4 (see Attachment #1).

   C. Section 01 15 00, is amended to add new paragraph 3.5 as follows:
      "3.5 BID ITEM NO.5 - ALTERNATE NO. 4 (Single Use ISO Containers)
      Include deductive amount for providing single use ISO containers in lieu of new."

4. On the construction plans, it does not seem exactly clear on where how much of the existing fence is to be removed. Can a better indication of where the limits of the fence removal are, so that we can better determine where the new fence ties in to existing? **See attached map of existing fence.**

   A. Civil sheet 1 calls out existing fence segments to be removed. Sheet A0.1 shows remaining existing fence, and new fence.

5. Para 2.3.E. of Section 13 34 24 calls for the department logo on the tower. Can a template of the department logo be provided along with the desired size?

   A. Section 13 34 24, Paragraph. #2.3 is amended as follows:
      "Delete Paragraph 2.3 E in its entirety.

6. Any electrical needs, whether for the site or structure?

   A. There are no electrical needs.

7. Can a fence spec be added please? Or at least direction as to whether barbed wire is required at the top? Galvanized?

   A. Add new specification section 32 31 13 – CHAIN LINK FENCES & GATES (see Attachment #2)

8. Reference is made to Sheet 3, Site Grading / Drainage and Utility Plan. In the center of the page on the lower 1/3 of the sheet, it shows RP1 Tapping Saddle and RF1 Reuse Meter connecting to the Reuse Water line then 36' of 1" FPVC

Reuse Water line running North and it ends at the existing 8” water line. These two lines cannot connect. Please provide the continuation or termination details for the Reuse Water Main pipe.

A. Reuse line does not connect to the 8” water line.

B. RP-1, RP-2 & RF-1 scope of work on sheet 3 will be provided by owner.

C. Per sheet 3 Site Utility Drawing Notes - note 6, Contactor to provide and install Turf Grass Reuse Water Irrigation System connected to owner provided RP-2 stub out on north side of existing driveway.

BID SCHEDULE

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AMOUNT
1	**Base Bid**	LS	1	$

ITEM NO.	ALTERNATES	LS	QUANTITY	ADD/ DEDUCT (Write-In)	AMOUNT
2	**Alternate No. 1** (20' Entrance Aprons - Asphalt Paving in-lieu-of Concrete Paving)	LS	1		$
3	**Alternate No. 2** (22' Access Drive - Asphalt Paving in-lieu-of Crushed Concrete Paving)	LS	1		$
4	**Alternate No. 3** (FOUR (4) Coat Finish System)	LS	1		$
5	**Alternate No. 4** (Single Use ISO Containers in lieu of New Containers)	LS	1		$

NOTE:

1. BIDS shall include sales tax and all other applicable taxes and fees. The OWNER may elect to utilize the Sales Tax Exemption Addendum (Section 00 09 80) for material at its sole discretion.
2. BIDS shall be on the basis of a total sum price subject to adjustment for specified allowances and alternates, as noted above, and shall be the total compensation to be paid by OWNER for the complete WORK.
3. The OWNER reserves the right to reject any and all bids received.
4. Failure to insert a bid amount for any item in the Bid Schedule will be considered grounds for the OWNER to determine the BID is non-responsive.
5. By submitting this BID, the BIDDER and the BID BOND surety, are deemed to have stipulated and agreed that any and all claims, demands, actions or suits whatsoever, arising under this BID and/or BID BONDS, shall be subjected to the sole and exclusive jurisdiction and venue of the Circuit Court of Bay County, Florida. The BIDDER and BID BOND surety do agree, by submittal of this BID, that the sole and exclusive jurisdiction and venue in said forum is proper and appropriate since performance of the underlying contract to be awarded is to be accomplished within Bay County, Florida.

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PANAMA CITY BEACH
FIRE TOWER
BID DOCUMENTS
AUGUST 1, 2022

SECTION 32 31 13 - CHAIN LINK FENCES AND GATES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Posts, rails, and frames.
B. Wire fabric.
C. Barbed wire.
D. Manual gates with related hardware.
E. Accessories.

1.02 REFERENCE STANDARDS

A. ASTM A121 - Standard Specification for Metallic-Coated Carbon Steel Barbed Wire 2022.
B. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products 2017.
C. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware 2016a.
D. ASTM A392 - Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric 2011a (Reapproved 2017).
E. ASTM F567 - Standard Practice for Installation of Chain-Link Fence 2014a (Reapproved 2019).
F. CLFMI CLF-SFR0111 - Security Fencing Recommendations 2014.
G. FS RR-F-191/1D - Fencing, Wire and Post Metal (Chain-Link Fence Fabric) 1990.

1.03 SUBMITTALS

A. Product Data: Provide data on fabric, posts, accessories, fittings and hardware.
B. Shop Drawings: Indicate plan layout, spacing of components, post foundation dimensions, hardware anchorage, and schedule of components. See CLFMI CLF-SFR0111 for planning and design recommendations.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Chain Link Fences and Gates:
   1. Master-Halco, Inc: www.masterhalco.com/#sle.
   2. Merchants Metals: www.merchantsmetals.com/#sle.\
   3. Other manufacturers are acceptable subject to compliance with all requirements of this specification section.

2.02 COMPONENTS

A. Line Posts: 1.9 inch diameter.

B. Corner and Terminal Posts: 2.38 inch diameter.

C. Fabric: 2 inch diamond mesh interwoven wire, 9 gauge, galvanized, top selvage knuckle end closed, bottom selvage twisted tight.

D. Tension Wire: 9 gauge, 0.1483 inch thick steel, single strand.

E. Tie Wire: Aluminum alloy steel wire.

F. Barbed wire.

2.03 MATERIALS

A. Posts, Rails, and Frames:
   1. Line Posts: Heavy Duty, Type I round in accordance with FS RR-F-191/1D.
   2. Terminal, Corner, Rail, Brace, and Gate Posts: Heavy Duty, Type I round in accordance with FS RR-F-191/1D.

B. Wire Fabric:
   1. ASTM A392 zinc coated steel chain link fabric.

C. Barbed Wire: At top of fence:
   1. Zinc-coated steel, complying with ASTM A121 Type Z Coating Class 1; 2 strands of 0.099 inch diameter wire, with 2-pointed barbs at 4 inches on center.

2.04 MANUAL GATES AND RELATED HARDWARE (WHERE SHOWN ON PLANS)

A. Hardware for Single Swinging Gates: 180 degree hinges, 2 for gates up to 60 inches high, 3 for taller gates; fork latch with gravity drop and padlock hasp; keeper to hold gate in fully open position.

B. Hardware for Double Swinging Gates: 180 degree hinges, 2 for gates up to 60 inches high, 3 for taller gates; drop bolt on inactive leaf engaging socket stop set in concrete, active leaf latched to inactive leaf preventing raising of drop bolt, padlock hasp; keepers to hold gate in fully open position.

C. Hinges: Finished to match fence components.
   1. Brackets: Round.
   2. Mounting: Center.
   3. Closing: Manual.

2.05 ACCESSORIES

A. Caps: Cast steel galvanized; sized to post diameter, set screw retainer.

B. Fittings: Sleeves, bands, clips, rail ends, tension bars, fasteners and fittings; steel.

C. Extension Arms: Cast steel galvanized, to accommodate 3 strands of barbed wire, single arm, vertical.

2.06 FINISHES

A. Components (Other than Fabric): Galvanized in accordance with ASTM A123/A123M, at 1.7 ounces per square foot.

B. Hardware: Hot-dip galvanized to weight required by ASTM A153/A153M.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verification of Conditions: Verify that areas are clear of obstructions or debris.

3.02 INSTALLATION

A. Install framework, fabric, accessories and gates in accordance with ASTM F567.

B. Place fabric on outside of posts and rails.

C. Set intermediate posts plumb , in concrete footings with top of footing 2 inches above finish grade. Slope top of concrete for water runoff.

D. Line Post Footing Depth Below Finish Grade: ASTM F567.

E. Corner, Gate and Terminal Post Footing Depth Below Finish Grade: ASTM F567.

F. Provide top rail through line post tops and splice with 6 inch long rail sleeves.

G. Do not stretch fabric until concrete foundation has cured 28 days.

H. Stretch fabric between terminal posts or at intervals of 100 feet maximum, whichever is less.

I. Position bottom of fabric 2 inches above finished grade.

J. Bury the chain link fabric 12 inches or more below finish grade.

K. Fasten fabric to top rail, line posts, braces, and bottom tension wire with tie wire at maximum 15 inches on centers.

L. Attach fabric to end, corner, and gate posts with tension bars and tension bar clips.

M. Install support arms sloped outward and attach barbed wire; tension and secure.

N. Install hardware and gate with fabric to match fence.

END OF SECTION 32 31 13

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