



## Solicitation Addendum

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**Addendum No.:** 1  
**Solicitation No.:** 18-R069069JE  
**Project No.:** W014144  
**Solicitation Title:** Construction of Robinson Preserve Kayak Storage Units  
**Addendum Date:** June 29, 2018  
**Procurement Contact:** Jacob Erickson

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**IFBC No. 18-R069069JE IS AMENDED AS SET FORTH HEREIN. RESPONSES TO QUESTIONS POSED BY PROSPECTIVE BIDDERS ARE PROVIDED BELOW. THIS ADDENDUM IS HEREBY INCORPORATED IN AND MADE A PART OF IFBC No. 18-R069069JE.**

**Add:**

**ATTACHMENT 5 – DOOR DETAIL**

The attached Attachment 5 – Door Detail is hereby incorporated into the IFBC.

**Add:**

**ATTACHMENT 6 – CHAIN LINK FENCES AND GATES**

The attached Attachment 6 – Chain Link Fences and Gates is hereby incorporated into the IFBC.

**QUESTIONS AND RESPONSES:**

**Q1. Will the 6x6 posts need to be set in concrete?**

**R1. Yes**

**Q2. Is there a specification on the type of mesh / shade cloth you want between the frames. I assume it's more like a scrim material.**

**R2. It is to be black vinyl chain link fence.**

**Q3. Is there any specifications on the aluminum gate on the front of each unit. I'm assuming a basic hinged aluminum gate with a hasp for a lock?**

R3. Refer to Attachment 5 – Door Detail hereby incorporated in this Addendum No. 1.

**Q4. Will the GC be responsible to supply and install the washed shell or 250 sand at the front?**

R4. No.

**Q5. Please provide the specifications for the following:**

- chain link

R5. Refer to Attachment 6 – Chain Link Fences and Gates hereby incorporated in this Addendum No. 1

**Q6. - mesh between frames**

R6. No mesh is required.

**Q7. - unpainted aluminum gate**

Q7. Refer to Q3.

**Q8. - shade cloth**

R8. No shade cloth is required.

**Q9. - optional cedar fencing**

Q9. 6 foot x 8 foot Pressure-Treated Pine 4 inch Dog-Ear Fence Panel, Pressure-treated for long-life, Dog-ear design for an attractive appearance, Double nailed pickets.

**Q10. - hinge/locking mechanism for the gate**

R10. This shall be at the determination of the Bidder.

**Q11. Also, is there a budget or estimate for this project?**

R11. The estimated budget is \$275,000.00.

**Q12. Does this estimate include the owner provided ADS pipe?**

R12. Yes.

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NOTE: Items that are ~~struck through~~ are deleted. Items that are underlined have been added or changed. All other terms and conditions remain as stated in the IFBC.

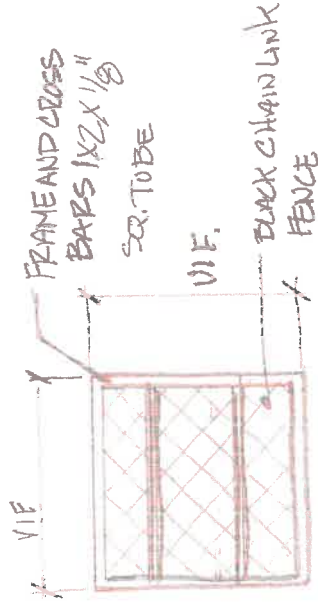
**End of Addendum**

**INSTRUCTIONS:**

Receipt of this addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

AUTHORIZED FOR RELEASE: 

Attachment 5 - Door Detail



DOOR DETAIL  
NOT TO SCALE

- PROVIDE & INSTALL GALVANIZED SWIVEL HASP MOUNTED ON END OF GATE WITH GALVANIZED BOLTS
- GALVANIZED 18" HINGES 2 PER GATE. MOUNT HINGES, BACKSIDE OF GATE, WHEN DOOR IS SHUT HINGES ARE HIDDEN,

## **ATTACHMENT 6 – CHAIN LINK FENCES AND GATES**

### **SECTION 323113 - CHAIN LINK FENCES AND GATES**

#### **PART 1 - GENERAL**

##### **1.1 SUMMARY**

###### **A. Section Includes:**

1. Chain-link fences.

##### **1.2 ACTION SUBMITTALS**

###### **A. Product Data:** For each type of product.

###### **B. Shop Drawings:** For each type of fence and gate assembly.

1. Include plans, elevations, sections, details, and attachments to other work.

###### **C. Samples:** For each exposed product and for each color and texture specified.

###### **D. Delegated-Design Submittal:** For structural performance of chain-link fence and gate frameworks, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

##### **1.3 INFORMATIONAL SUBMITTALS**

###### **A. Product certificates.**

###### **B. Product test reports.**

###### **C. Sample warranty.**

##### **1.4 WARRANTY**

###### **A. Special Warranty:** Installer agrees to repair or replace components of chain-link fences and gates that fail in materials or workmanship within specified warranty period.

1. Warranty Period: Five years from date of Substantial Completion.

## PART 2 - PRODUCTS

### 2.1 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design chain-link fence and gate frameworks.
- B. Structural Performance: Chain-link fence and gate frameworks shall withstand the design wind loads and stresses for fence height(s) and under exposure conditions indicated according to ASCE/SEI 7.
  - 1. Design Wind Load: As indicated on Drawings.
    - a. Minimum Post Size: Determine according to ASTM F 1043 for post spacing not to exceed 10 feet (3 m) for Material Group IA, ASTM F 1043, Schedule 40 steel pipe.
    - b. Minimum Post Size and Maximum Spacing: Determine according to CLFMI WLG 2445, based on mesh size and pattern specified.

### 2.2 CHAIN-LINK FENCE FABRIC

- A. General: Provide fabric in one-piece heights measured between top and bottom of outer edge of selvage knuckle or twist according to "CLFMI Product Manual" and requirements indicated below:
  - 1. Fabric Height: 48"
  - 2. Steel Wire for Fabric:
    - a. Wire diameter of 0.148 inch (3.76 mm) 9GA. shall be used at minimal activity areas.
    - b. Wire diameter: 6GA wire shall be used at baseball/softball, 1<sup>st</sup> and 3<sup>rd</sup> base lines, bottom of backstops and dugout areas.
    - c. Mesh Size: 2 inches (50 mm)
      - 1) Color: Black according to ASTM F 934.
  - 3. Selvage: Knuckled/Knuckled at both top and bottom.

### 2.3 FENCE FRAMEWORK

- A. Posts and Rails: ASTM F 1043 for framework, including rails, braces, and line; terminal; and corner posts. Provide members with minimum dimensions and wall thickness according to ASTM F 1043 or ASTM F 1083 based on the following:
  - 1. Fence Height: 48"
  - 2. Light-Industrial-Strength Material: Group IC-L, round steel pipe, electric-resistance-welded pipe
    - a. Line Post: 1.9 inches (48 mm) in diameter

- b. End, Corner, and Pull Posts: 2.375 inches (60 mm)
- 3. Horizontal Framework Members: Intermediate top and bottom rails,
  - a. Fencing up to 6 Ft use top rail and bottom tension wire.
  - b. Above 6 Ft use top, middle rail and bottom tension wire.
  - c. On ball fields use top and bottom rail up to 6 Ft. Above 6 Ft use top, middle rail and bottom tension wire
- 4. Brace Rails: ASTM F 1043.
- 5. Metallic Coating for Steel Framework:
  - a. Type B zinc with organic overcoat.
- 6. Polymer coating over metallic coating.
  - a. Color: Black, according to ASTM F 934.

## 2.4 TENSION WIRE

- A. Polymer-Coated Steel Wire: 0.148-inch, 9Ga. tension wire according to ASTM F 1664, Class 1 over coated steel wire.
  - 1. Color: Black according to ASTM F 934.

## 2.5 SWING GATES

- A. General: ASTM F 900 for gate posts and single or double swing gate types.
  - 1. Gate Leaf Width: As indicated.
  - 2. Framework Member Sizes and Strength: Based on gate fabric height as indicated.
- B. Pipe and Tubing:
  - 1. Zinc-Coated Steel: ASTM F 1043 and ASTM F 1083; protective coating and finish to match fence framework.
  - 2. Gate Posts: Round tubular steel.
  - 3. Gate Frames and Bracing: Round tubular steel.
- C. Frame Corner Construction: Welded.
- D. Extended Gate Posts and Frame Members: Fabricate gate posts and frame end members to extend as indicated above top of chain-link fabric at both ends of gate frame to attach barbed wire assemblies.
- E. Hardware:
  - 1. Hinges: Refer to drawings for swing.
  - 2. Latch: Permitting operation from both sides of gate
  - 3. Padlock and Chain: By Owner
  - 4. Closer: Manufacturer's standard.

## 2.6 FITTINGS

- A. Provide fittings according to ASTM F 626.
- B. Finish:
  - 1. Metallic Coating for Pressed Steel:
    - a. Polymer coating over metallic coating.
  - 2. Aluminum: Mill finish.

## 2.7 GROUT AND ANCHORING CEMENT

- A. Nonshrink, Nonmetallic Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C 1107/C 1107M. Provide grout, recommended in writing by manufacturer, for exterior applications.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Do not begin installation before final grading is completed unless otherwise permitted by Architect.

### 3.2 PREPARATION

- A. Stake locations of fence lines, gates, and terminal posts. Do not exceed intervals of 100 feet or line of sight between stakes. Indicate locations of utilities, lawn sprinkler system, underground structures, benchmarks, and property monuments.

### 3.3 CHAIN-LINK FENCE INSTALLATION

- A. Install chain-link fencing according to ASTM F 567 and more stringent requirements specified.
- B. Post Excavation: Drill or hand-excavate holes for posts to diameters and spacings indicated, in firm, undisturbed soil.
- C. Post Setting: Set posts in concrete at indicated spacing into firm, undisturbed soil.
  - 1. Verify that posts are set plumb, aligned, and at correct height and spacing, and hold in position during setting with concrete or mechanical devices.
  - 2. Concrete Fill: Place concrete around posts to dimensions indicated and vibrate or tamp for consolidation. Protect aboveground portion of posts from concrete splatter.
    - a. Concealed Concrete: Place top of concrete 2 inches below grade to allow covering with surface material.

- b. Posts Set into Holes in Concrete: Form or core drill holes not less than 5 inches deep and 3/4 inch larger than OD of post. Clean holes of loose material, insert posts, and fill annular space between post and concrete with nonshrink, nonmetallic grout or anchoring cement, mixed and placed according to anchoring material manufacturer's written instructions. Finish anchorage joint to slope away from post to drain water.
    - 3. Mechanically Driven Posts: Drive into soil to depth of 30 inches. Protect post top to prevent distortion.
  - D. Terminal Posts: Install terminal end, corner, and gate posts according to ASTM F 567 and terminal pull posts at changes in horizontal or vertical alignment of 30 degrees or more. For runs exceeding 500 feet (152 m), space pull posts an equal distance between corner or end posts.
  - E. Line Posts: Space line posts uniformly at 10 feet o.c.
  - F. Tension Wire: Install according to ASTM F 567, maintaining plumb position and alignment of fence posts. Pull wire taut, without sags. Fasten fabric to tension wire with 0.120-inch- (3.05-mm-) diameter hog rings of same material and finish as fabric wire, spaced a maximum of 24 inches (610 mm) o.c. Install tension wire in locations indicated before stretching fabric. Provide horizontal tension wire at the following locations:
    - 1. Extended along top and bottom of fence fabric.
  - G. Chain-Link Fabric: Apply fabric to outside or inside of enclosing framework verify with owner. Leave 2-inch (50-mm) bottom clearance between finish grade or surface and bottom selvage unless otherwise indicated. Pull fabric taut and tie to posts, rails, and tension wires. Anchor to framework so fabric remains under tension after pulling force is released.
- 3.4 ADJUSTING
- A. Gates: Adjust gates to operate smoothly, easily, and quietly, free of binding, warp, excessive deflection, distortion, nonalignment, misplacement, disruption, or malfunction, throughout entire operational range. Confirm that latches and locks engage accurately and securely without forcing or binding.
  - B. Lubricate hardware and other moving parts.

END OF SECTION 323113