

OFFICE OF FACILITIES MANAGEMENT SCOPE OF SERVICES

Project Name: Astor Residential Drop-off Station
Address: 54711 Astor Transfer Rd Astor, FL 32102
Project Manager: Don Glessner

Unless otherwise noted, the Contractor shall provide all required labor, material, equipment, plans, engineering, surveys, permitting and local and state inspections to provide 100% turnkey project. Change orders shall not be issued for incidental items or tasks that should have been reasonably construed to be part of the project by the Contractor.

1. PURPOSE

- A. The purpose of this solicitation is to select a Contractor to remove and replace the fencing at the Astor Transfer Station.

2. SCOPE OF WORK

- a. Remove all existing fencing (except chain link fence on front of property), fence poles, and all ancillary components
- b. New fence location shall be marked by Lake County prior to contractor installing new fence
- c. Install new fence and gates per fence specification sheet. Note: fence and gate on entrance side of property shall match existing location.
- d. Where fence would be in direct opposition to tree line or ditch, fence can be moved inward to avoid trees and ditch.
- e. Clean up and legally dispose of all debris

3. BID OPTIONS

- a. Option 1 - Install new 6' posts and field fence around 3 sides of entire property w/ one new 16' x 6' chain link double gate at entrance.
- b. Option 2 - Install new 4' posts and 4 strands of barbed wire around 3 sides of entire property w/ one new 16' x 6' chain link double gate at entrance.
- c. Option 3 - Install new 6' posts and field fence around half of property on 3 sides w/ one new 16' x 6' chain link gate at front and reuse existing gate at the back.
- d. Option 4 - Install new 4' posts and 4 strands of barbed wire around half of property on 3 sides w/ one new 16' x 6' chain link gate at front and reuse existing gate at the back.

Note 1: All options shall have new 6' chain link fence installed as shown on drawings in "Blue"

Note 2: All measurements are exposed lengths. Additional post length will be needed to install into ground

Note 3: Chain link fence posts shall be installed in concrete



New 6' chain link fence and gates

New 6' field fence or 4' barbed wire




Leave existing chain link fence at front of property

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-  New 6' field fence or 4' barbed wire
-  Existing fence to remain
-  New 6' chain link fence and gates

Option 1 and 2



- New 6' field fence or 4' barbed wire
- Existing fence to remain and reuse front gates at back
- New 6' chain link fence and gates

Option 3 and 4

Chain Link Fence Specification Sheet

Chain Link Fabric

- 72" or 96" High
- 2" mesh size
- 9 gauge
- Selvage Barb-Knuckle
- Galvanized After Weaving

End, Corner and Pull Posts

- Round, Galvanized
- 36" in Ground set in Concrete minimum 10" Diameter Hole
- 3" O.D. Schedule 40 Pipe

Line Post

- Round, Galvanized
- 24"-30" in Ground set in concrete minimum 8' Diameter Hole
- 2-3/8" O.D. Schedule 40 Pipe

Top Rail & Bracing

- Round Galvanized
- 1-5/8" O.D. Schedule 40
- All corners be braced and trussed

16' Double Gates

- Frame welded out of Round Galvanized Pipe
- J-5/8" O.D. Schedule 40
- Commercial / Industrial Box Hinges
- Hinged gate wheels

Miscellaneous

- Fittings all to be Hot-Dip Galvanized Pressed Steel.
- Tie Wires 9 Gauge Aluminum

MATERIAL SPECIFICATION

591. FIELD FENCING MATERIALS

1. SCOPE

This specification provides the minimum quality requirements for the material used in the construction of field fences.

2. WIRE GAUGE

When the size of steel wire is designated by gage number, the diameter shall be as defined for U. S. Steel Wire Gage.

3. FENCING

Fencing materials shall conform to the requirements of ASTM A 121 for barbed wire, ASTM A 116 for woven wire, ASTM A 390 for poultry fence or netting, and ASTM A 854 for high-tensile wire. Barbed wire and woven wire shall be Class 3 zinc coated, unless otherwise specified. High-tensile wire shall have Type I zinc coating, unless otherwise specified.

4. STAYS, FASTENERS, AND TENSION WIRE

Stays and fasteners shall conform to the requirements of the appropriate ASTM for the fencing material specified, unless otherwise specified. Tension wires shall have a tensile strength not less than 58,000 pounds per square inch. Stays, fasteners and tension wire shall have Class 3 zinc coating as specified in ASTM A 641.

5. WOOD FENCE POSTS AND BRACES

Unless otherwise specified, wood posts shall be of black locust, red cedar, osage orange (Bois d'Arc), redwood, pressure treated pine or other wood of equal life and strength. At least half the diameter or diagonal dimension of red cedar or redwood posts shall be in heartwood. Pressure treatment shall conform to Material Specification 585, Wood Preservatives and Treatment. The posts shall be sound, new, and free from decay, with all limbs trimmed substantially flush with the body. All posts shall be substantially straight throughout their full length.

Wood braces shall be of wood material equal to or better than construction grade Douglas Fir. Wood braces shall be pressure treated in conformance with Material Specification 585.

6. STEEL FENCE POSTS AND BRACES

Steel fence posts and braces shall conform to the requirements of ASTM A 702 for steel fence posts and ASTM A 53 for bracing pipes. Posts with punched tabs for fastening the wires shall not be installed.

7. CONCRETE FENCE POSTS

Concrete fence posts shall be manufactured to the specified requirements of size, shape, and strength.

8. PANEL GATES

Panel gates shall be the specified types, sizes, and quality and shall include the necessary fittings required for installation. The fittings shall consist of not less than two hinges and one latch or galvanized chain for fastening. Latches shall be of such design that a padlock may be used for locking. All fittings shall not be of lesser quality than the gate manufacturer's standard.

9. WIRE GATES

Wire gates shall be the type shown on the drawings, constructed in accordance with specifications, at the locations, and to the dimensions shown on the drawings. The materials shall conform to the kinds, grades, and sizes specified for new fence, and shall include the necessary fittings and stays.

10. STAPLES

Staples required to secure the fence wire to wood posts shall be 9-gauge galvanized wire with a minimum length of 1-1/2 inches for soft woods and a minimum length of one (1) inch for close-grain hardwoods.

11. GALVANIZING

All iron and steel fencing materials, except as otherwise specified, shall be zinc coated by the hot dip process meeting the requirements of Material Specification 582, except that clips, bolts, and other small hardware may be protected by electro-deposited zinc or cadmium coating.