

## Solicitation 262-9378

# Annual Chain Link and Picket Fence Installation and Repair Contract

City of Fort Lauderdale

## Bid 262-9378

### Annual Chain Link and Picket Fence Installation and Repair Contract

Bid Number 262-9378  
 Bid Title Annual Chain Link and Picket Fence Installation and Repair Contract

Bid Start Date In Held  
 Bid End Date Feb 2, 2006 2:00:00 PM EST

Bid Contact James T Hemphill  
 Sr. Procurement Specialist  
 Procurement Department  
 954-828-5143  
 jhemphill@fortlauderdale.gov

Contract Duration 2 years  
 Contract Renewal 3 annual renewals  
 Prices Good for 90 days

Bid Comments The City of Fort Lauderdale is actively seeking bids from qualified bidders, hereinafter referred to as the Contractor, for an annual contract to provide for fence installation and repair for the Public Works Department in full accordance with the specifications, terms, and conditions contained in this Invitation To Bid (ITB). Work request may range from large, new installation or repairs to small quantity fence repairs, i.e. damage from vehicle accidents.

AWARDED VENDOR MUST POSSES A VALID GENERAL CONTRACTORS LICENSE.

#### Item Response Form

Item 262-9378-1-01 - Removal / Disposal of Fence  
 Quantity 1 linear foot  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
 See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

#### Description

Furnish all materials, labor, and equipment to remove (off of project site) and properly dispose of all types and heights of chain link or pickett fence, posts, gates, and associated hardware.  
 Approx. 4,599 linear feet

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Item 262-9378-1-02 - A-g) 4' high chain-link fence  
 Quantity 1 linear foot  
 Unit Price   
 Delivery Location City of Fort Lauderdale

See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
 Approx. 200 L.F.

Item 262-9378-1-03 - B-g) 6' high chain-link fence  
 Quantity 1 linear foot  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
 Approx. 8,000 L.F.

Item 262-9378-1-04 - C-g) 8' high chain-link fence  
 Quantity 1 linear foot  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
 Approx. 500 L.F.

Item 262-9378-1-05 - D-g) 10' high chain-link fence  
 Quantity 1 linear foot  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
 Approx. 500 L.F.

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Item	262-9378-1-06 - E-g) 12' high chain-link fence
Quantity	1 linear foot
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale See ITB Specifications See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
Approx. 100 L.F.

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Item	262-9378-1-07 - F-g) 20' high chain-link fence
Quantity	1 linear foot
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale See ITB Specifications See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
Approx. 200 L.F.

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Item	262-9378-1-08 - E-c) 4' high chain-link fence
Quantity	1 linear foot
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale See ITB Specifications See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
Approx. 400 L.F.

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Item	262-9378-1-09 - F-c) 6' high chain-link fence
Quantity	1 linear foot
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale See ITB Specifications

See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
 Approx. 3,000 L.F.

Item 262-9378-1-10 - H-c) 8' high chain-link fence  
 Quantity 1 linear foot  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
 See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
 Approx. 500 L.F.

Item 262-9378-1-11 - J-c) 10' high chain-link fence  
 Quantity 1 linear foot  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
 See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
 Approx. 100 L.F.

Item 262-9378-1-12 - J-c) 20' high chain-link fence  
 Quantity 1 linear foot  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
 See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
 Approx. 200 L.F.

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Item	262-9378-1-13 - J-c) 30' high chain-link fence
Quantity	1 linear foot
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, including clear and grubbing, to install the following heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated Galvanized or PVC coated posts (end, tension, or terminal), fence fabric (9-gauge steel), and hardware.  
Approx. 300 L.F.

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Item	262-9378-1-14 - I nstallation of 6' temporary construction fence
Quantity	1 linear foot
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Furnish all materials, labor, and equipment to install 6' temporary construction fence. Approximately 800 linear feet

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Item	262-9378-1-15 - Substitute bottom tension wire with flat galvanized bottom rail
Quantity	1 linear foot
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Furnish all materials, labor, and equipment to substitute bottom tension wire with flat galvanized bottom rail.  
Approximately 800 linear feet

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Item	262-9378-1-16 - 4A-g) 4' high x 5' wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Single rolling gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c)

chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-17 - 4B-g) 6' high x 5' wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

Description  
Single rolling gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-18 - 4C-g) 6' high x (6' to 10') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

Description  
Single rolling gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-19 - 4D-g) 6' high x (11' to 20') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

Description  
Single rolling gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-20 - 4E-g) 8' high x 5' wide gate
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Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Single rolling gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-21 - 4F-g) 8' high x (6' to 10') wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Single rolling gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-22 - 4H-g) 8' high x (11' to 20') wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Single rolling gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-23 - 4J-g) 10' high x 5' wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301

Qty 1

## Description

Single rolling gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-24 - 4K-g) 10' high x (6' to 10') gate

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale  
See ITB Specifications  
See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

## Description

Single rolling gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-25 - 4L-g) 10' high x (11' to 20') gate

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale  
See ITB Specifications  
See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

## Description

Single rolling gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-26 - 4M-c) 4' high x 5' wide gate

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale  
See ITB Specifications  
See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

## Description

Single rolling gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-27 - 4N-c) 6' high x 5' wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale See ITB Specifications See ITB Specifications Fort Lauderdale FL 33301 Qty 1

Description  
Single rolling gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-28 - 4P-c) 6' high x (6' to 10') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale See ITB Specifications See ITB Specifications Fort Lauderdale FL 33301 Qty 1

Description  
Single rolling gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-29 - 4Q-c) 6' high x (11' to 20') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale See ITB Specifications See ITB Specifications Fort Lauderdale FL 33301 Qty 1

Description  
Single rolling gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-30 - 4R-c) 8' high x 5' wide gate
Quantity	1 each
Unit Price	<input type="text"/>

Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Single rolling gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-31 - 4S-c) 8' high x (6' to 10') wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Single rolling gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-32 - 4T-c) 8' high x (11' to 20') wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Single rolling gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-33 - 4V-c) 10' high x 5' wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Single rolling gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-34 - 4W-c) 10' high x (6' to 10') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

Description  
Single rolling gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-35 - 4X-c) 10' high x (11' to 20') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

Description  
Single rolling gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single side rolling gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-36 - 5A-g) 4' high x 5' wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

Description  
Single swing gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item 262-9378-1-37 - 5B-g) 6' high x 5' wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Single swing gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-38 - 5C-g) 6' high x (6' to 10') wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Single swing gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-39 - 5D-g) 8' high x 5' wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Single swing gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-40 - 5E-g) 8' high x (6' to 10') wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications

Fort Lauderdale FL 33301  
Qty 1

Description

Single swing gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-41 - 5F-g) 10' high x 5' wide gate

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 1

Description

Single swing gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-42 - 5H-g) 10' high x (6' to 10') wide gate

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 1

Description

Single swing gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-43 - 5J-c) 4' high x 5' wide gate

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 1

Description

Single swing gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric

(9-gauge steel), and hardware.

Item 262-9378-1-44 - 5K-c) 6' high x 5' wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
                           See ITB Specifications  
                           See ITB Specifications  
                           Fort Lauderdale FL 33301  
                           Qty 1

Description  
 Single swing gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-45 - 5L-c) 6' high x (6' to 10') wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
                           See ITB Specifications  
                           See ITB Specifications  
                           Fort Lauderdale FL 33301  
                           Qty 1

Description  
 Single swing gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-46 - 5M-c) 8' high x 5' wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
                           See ITB Specifications  
                           See ITB Specifications  
                           Fort Lauderdale FL 33301  
                           Qty 1

Description  
 Single swing gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-47 - 5N-c) 8' high x (6' to 10') wide gate  
 Quantity 1 each

Unit Price   
 Delivery Location City of Fort Lauderdale  
                           See ITB Specifications  
                           See ITB Specifications  
                           Fort Lauderdale FL 33301  
                           Qty 1

Description  
 Single swing gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-48 - 5P-c) 10' high x 5' wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
                           See ITB Specifications  
                           See ITB Specifications  
                           Fort Lauderdale FL 33301  
                           Qty 1

Description  
 Single swing gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-49 - 5Q-c) 10' high x (6' to 10') wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
                           See ITB Specifications  
                           See ITB Specifications  
                           Fort Lauderdale FL 33301  
                           Qty 1

Description  
 Single swing gate w/ 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install single swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-50 - 6A-g) 4' high x 5' wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
                           See ITB Specifications  
                           See ITB Specifications  
                           Fort Lauderdale FL 33301  
                           Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-51 - 6B-g) 6' high x 5' wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-52 - 6C-g) 6' high x (6' to 10') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-53 - 6D-g) 6' high x (11' to 20') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-54 - 6E-g) 8' high x 5' wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-55 - 6F-g) 8' high x (6' to 10') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-56 - 6H-g) 8' high x (11' to 20') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-57 - 6J-g) 10' high x 5' wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale

See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

## Description

Double leaf swing gate (per swing segment) with 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-58 - 6K-g) 10' high x (6' to 10') gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

## Description

Double leaf swing gate (per swing segment) with 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-59 - 6L-g) 10' high x (11' to 20') gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

## Description

Double leaf swing gate (per swing segment) with 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-60 - 6M-c) 4' high x 5' wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

## Description

Double leaf swing gate (per swing segment) with 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-61 - 6N-c) 6' high x 5' wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-62 - 6P-c) 6' high x (6' to 10') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-63 - 6Q-c) 6' high x (11' to 20') wide gate
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale <u>See ITB Specifications</u> See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

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Item	262-9378-1-64 - 6R-c) 8' high x 5' wide gate
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Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-65 - 6S-c) 8' high x (6' to 10') wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-66 - 6T-c) 8' high x (11' to 20') wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Double leaf swing gate (per swing segment) with 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-67 - 6V-c) 10' high x 5' wide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301

Qty 1

Description

Double leaf swing gate (per swing segment) with 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-68 - 6W-c) 10' high x (6' to 10') wide gate

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description

Double leaf swing gate (per swing segment) with 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-69 - 6X-c) 10' high x (11' to 20') wide gate

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description

Double leaf swing gate (per swing segment) with 4" gate posts (PVC coated)

Furnish all materials, labor, and/or equipment, to install double leaf swing gates to Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated Galvanized and PVC coated gate posts, fence fabric (9-gauge steel), and hardware.

Item 262-9378-1-70 - 7A) Picket Fencing

Quantity 1 linear foot

Unit Price

Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description

Furnish all materials, labor, and/or equipment to install 6' high black (or other color) decorative picket fencing or associated single side rolling gates, as seen in the Special Conditions section (Carter Park for example), as well as the accompanying details drawing sheet No. 2. This includes all the associated hardware to interface and/or connect to new or existing sections or columns, as well as all line posts, corner posts, and/or gate posts.  
 Approx. 240 L.F.

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Item	262-9378-1-71 - 7B) Single side rolling gate
Quantity	1 linear foot
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale See ITB Specifications See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Furnish all materials, labor, and/or equipment to install 6' high black (or other color) decorative picket fencing or associated single side rolling gates, as seen in the Special Conditions section (Carter Park for example), as well as the accompanying details drawing sheet No. 2. This includes all the associated hardware to interface and/or connect to new or existing sections or columns, as well as all line posts, corner posts, and/or gate posts.  
Approx. 240 L.F.

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Item	262-9378-1-72 - Barbwire
Quantity	1 linear foot
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale See ITB Specifications See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, to install barbwire to all heights (from 4' to 10') of Galvanized (g) chain link fence, and any accompanying single side rolling, single swing, or double leaf swing gates. This includes all associated hardware.  
Approx. 3500 linear feet

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Item	262-9378-1-73 - Bottom fence rail
Quantity	1 linear foot
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale See ITB Specifications See ITB Specifications Fort Lauderdale FL 33301 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, to install flat galvanized bottom fence rail to all heights (from 4' to 30') of Galvanized (g) or PVC coated (c) chain link fence (in conjunction with ITEM 3). This includes all associated hardware. Approximately 500 linear feet

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Item	262-9378-1-74 - Adjust, straighten, tighten, and/or repair existing rail...
Quantity	1 linear foot
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale See ITB Specifications

See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, to adjust, straighten, tighten, and/or repair existing rail (top, middle, or bottom), line post, corner post, gate post, barbwire, or fence fabric of all heights (from 4' to 10') of Galvanized (g) or PVC coated (c) chain link fence. This includes all associated hardware, and with all applicable posts being secured with 3000 PSI concrete.  
 Approximately 1,000 linear feet

Item 262-9378-1-75 - 62' long x 15½' wide x 12' high  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
 See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, including any clear and grubbing, to install and/or repair (as needed) PVC coated galvanized chain link fence to the ball field's batting cage. This includes all associated PVC coated galvanized posts (end/corner, tension, or terminal), fence fabric (9-gauge steel), support braces, and hardware.  
 Approximately 5.

Item 262-9378-1-76 - 75' long x 15½' wide x 12' high  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
 See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, including any clear and grubbing, to install and/or repair (as needed) PVC coated galvanized chain link fence to the ball field's batting cage. This includes all associated PVC coated galvanized posts (end/corner, tension, or terminal), fence fabric (9-gauge steel), support braces, and hardware.  
 Approximately 5.

Item 262-9378-1-77 - Install and substitute 4" posts  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
 See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Furnish all materials, labor, and/or equipment, to install and substitute 4" posts as requested by City staff.  
 Approximately 20 each.

Item 262-9378-1-78 - Removal only - 12' high chain link fence on Jail Roof  
 Quantity 1 job  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
Police Department/Fort Lauderdale  
 1300 W. Broward Blvd.  
 Fort Lauderdale FL 33312  
 Qty 1

**Description**

Furnish all materials, labor, and equipment to (only) remove and dispose of (from the old exercise yard) all security chain link fence, posts, gates, barb wire and/or razor wire, as well as associated hardware.

PHOTO OF FENCING IS ATTACHED

Approximately 86 L.F. and 12 Ft. High.

Note: See pictures of this fencing attached.

Item 262-9378-1-79 - 6' high x 16' wide cantilevered slide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
Fort Lauderdale Executive Airport  
 6000 NW 21 Avenue, #200  
 Fort Lauderdale FL 33309  
 Qty 1

**Description**

Single rolling gate w/ 4" gate posts (Galvanized)

Furnish all materials, labor, and/or equipment, to install single side rolling gate to Galvanized (g) chain link fence. This includes all associated Galvanized gate posts, fence fabric (9-gauge steel), and hardware. Approximately 1 each.

Item 262-9378-1-80 - Remove and replace damaged 14 foot-wide automatic slide gates  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
Fort Lauderdale Executive Airport  
 6000 NW 21 Avenue, #200  
 Fort Lauderdale FL 33309  
 Qty 1

**Description**

Furnish all materials, labor, and equipment, to remove and replace damaged 14 foot-wide automatic slide gates at various locations around the airport. Including, but not limited to, tension rods, drive rails, hardware, adjusting/replacing damaged gate posts, gate stop plates along top rail, and installing new catch hardware at top and bottom of gate posts.

Approximately 4.

Item 262-9378-1-81 - Remove and replace damaged 16 foot-wide automatic slide gates  
 Quantity 1 each  
 Unit Price

Delivery Location City of Fort Lauderdale  
Fort Lauderdale Executive Airport  
 6000 NW 21 Avenue, #200  
 Fort Lauderdale FL 33309  
 Qty 1

Description

Furnish all materials, labor, and equipment, to remove and replace damaged 16 foot-wide automatic slide gates at various locations around the airport. Including, but not limited to, tension rods, drive rails, hardware, adjusting/replacing damaged gate posts, gate stop plates along top rail, and installing new catch hardware at top and bottom of gate posts.  
 Approximately 6.

Item 262-9378-1-82 - remove and replace damaged 20 foot-wide automatic slide gates  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
Fort Lauderdale Executive Airport  
 6000 NW 21 Avenue, #200  
 Fort Lauderdale FL 33309  
 Qty 1

Description

Furnish all materials, labor, and equipment, to remove and replace damaged 20 foot-wide automatic slide gates at various locations around the airport. Including, but not limited to, tension rods, drive rails, hardware, adjusting/replacing damaged gate posts, gate stop plates along top rail, and installing new catch hardware at top and bottom of gate posts.  
 Approximately 3.

Item 262-9378-1-83 - Replace damaged 60 foot-wide automatic aluminum box frame aircraft slide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
Fort Lauderdale Executive Airport  
 6000 NW 21 Avenue, #200  
 Fort Lauderdale FL 33309  
 Qty 1

Description

Furnish all materials, labor, and equipment to replace damaged 60 foot-wide automatic aluminum box frame aircraft slide gate (originally manufactured by Ty-Metal, Inc.). Including, but not limited to, removal of damaged gate, construction and delivery of gate, barbwire assembly, and all other accessories necessary for a complete working gate.

Approximately 1 each.

Item 262-9378-1-84 - Relocate 16' wide automatic cantilever slide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
Fort Lauderdale Executive Airport  
 6000 NW 21 Avenue, #200

Fort Lauderdale FL 33309  
Qty 1

Description

Furnish all materials, labor, and equipment to relocate 16' wide automatic cantilever slide gate, including but not limited to all accessories for a complete working unit. Approximately 1 each.

Item 262-9378-1-85 - Repair damaged 60 foot-wide automatic aluminum box frame aircraft slide gate  
 Quantity 1 each  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
Fort Lauderdale Executive Airport  
 6000 NW 21 Avenue, #200  
 Fort Lauderdale FL 33309  
 Qty 1

Description

Furnish all materials, labor, and equipment to repair damaged 60 foot-wide automatic aluminum box frame aircraft slide gate (originally manufactured by Ty-Metal, Inc.). Including, but not limited to, adjusting rollers, tension rods, drive rails, and barbwire assembly, and all other accessories necessary for a complete working gate. Approximately 1 each

Note: See drawings and Special Conditions section for more details of the various types of fencing.

Item 262-9378-1-86 - Forman for fence construction /repair  
 Quantity 1 hour  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description

HOURLY RATE FOR FORMAN FOR FENCE CONSTRUCTION / REPAIR - FOR ANY ADDITIONAL JOBS/REQUESTS NOT SPECIFICALLY INDICATED IN THIS BID (Labor price should be included in your bid for items indicated)- GIVE PRICE PER HOUR. (FOR INFORMATIONAL PURPOSES)  
 APPROX. 100 HOURS

Item 262-9378-1-87 - Laborer for fence construction / repairs  
 Quantity 1 hour  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description

HOURLY RATES FOR FENCE CONSTRUCTION / REPAIR LABORER. FOR ADDITIONAL JOBS/REQUESTS NOT SPECIFICALLY INDICATED IN THIS BID. (Labor price should be included in your bid for items indicated)- GIVE PRICE PER HOUR (FOR INFORMATIONAL PURPOSES)  
 APPROX. 100 HOURS

Item 262-9378-1-88 - Licensed Journeyman Electrician  
 Quantity 1 hour  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 HOURLY RATES FOR ELECTRICIAN. - GIVE PRICE PER HOUR (FOR INFORMATIONAL PURPOSES)  
 APPROX. 100 HOURS

Item 262-9378-1-89 - Electrician's Helper  
 Quantity 200 hour  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 200

Description  
 HOURLY RATES FOR ELECTRICIAN HELPER.  
 GIVE PRICE PER HOUR.(FOR INFORMATIONAL PURPOSES)  
 APPROX. 200 HOURS

Item 262-9378-1-90 - Reimbursement for cost-plus purchase materials.  
 Quantity 1 each  
 Percentage   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Supplies not listed or included elsewhere MAY be purchased under this contract on a strictly COST-PLUS arrangement only. Documentation of vendor cost must be provided with written (City) estimates. Provide percent markup. City staff estimates approx. \$25,000 worth of this type of material will be required per year.  
 $\$25,000 \times \% \text{_____} = \text{price}$

Item 262-9378-1-91 - Formans helper  
 Quantity 1 hour  
 Unit Price   
 Delivery Location City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 1

Description  
 Hourly rate for Forman helper - FOR ADDITIONAL JOBS/REQUESTS NOT SPECIFICALLY INDICATED IN THIS BID-(Labor

price should be included in your bid for items indicated)-  
Give price per hour.  
Approx. 200 hours

## City of Fort Lauderdale GENERAL CONDITIONS

These instructions are standard for all contracts for commodities or services issued through the City of Fort Lauderdale Procurement Services Department. The City may delete, supersede, or modify any of these standard instructions for a particular contract by indicating such change in the Invitation to Bid (ITB) Special Conditions, Technical Specifications, Instructions, Proposal Pages, Addenda, and Legal Advertisement.

### **PART I BIDDER PROPOSAL PAGE(S) CONDITIONS:**

- 1.01 BIDDER ADDRESS:** The City maintains automated vendor mailing lists for each specific Commodity Class Item. Invitation to Bid (ITB'S) will be mailed first to a selection of Bidders who have fully registered on our system. Requests will be mailed to unregistered Bidders within a reasonable time frame for that bid only. Neither the mailing of one ITB to the vendor, nor a bid in return, will register a vendor on our system. If you wish purchase orders sent to a different address, please so indicate. If you wish payments sent to a different address, please so indicate on your invoice.
- 1.02 DELIVERY:** Time will be of the essence for any orders placed as a result of this ITB. The City reserves the right to cancel any orders, or part thereof, without obligation if delivery is not made in accordance with the schedule specified by the Bidder and accepted by the City.
- 1.03 PAYMENT TERMS AND CASH DISCOUNTS:** Payment terms, unless otherwise stated in this ITB, will be considered to be net 30 days after the date of satisfactory delivery at the place of acceptance and receipt of correct invoice at the office specified, whichever occurs last. Bidder may offer cash discounts for prompt payment but they will not be considered in determination of award. If a Bidder offers a discount, it is understood that the discount time will be computed from the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whichever occurs last.
- 1.04 TOTAL BID DISCOUNT:** If Bidder offers a discount for award of all items listed in the bid, such discount shall be deducted from the total of the firm net unit prices bid and shall be considered in tabulation and award of bid.
- 1.05 BIDS FIRM FOR ACCEPTANCE:** Bidder warrants, by virtue of bidding, that his bid and the prices quoted in his bid will be firm for acceptance by the City for a period of ninety (90) days from the date of bid opening unless otherwise stated in the ITB.
- 1.06 VARIANCES:** For purposes of bid evaluation, Bidder's must indicate any variances, no matter how slight, from ITB General Conditions, Special Conditions, Specifications or Addenda in the space provided in the ITB. No variations or exceptions by a Bidder will be considered or deemed a part of the bid submitted unless such variances or exceptions are listed in the bid and referenced in the space provided on the bidder proposal pages. If variances are not stated, or referenced as required, it will be assumed that the product or service fully complies with the City's terms, conditions, and specifications.
- By receiving a bid, City does not necessarily accept any variances contained in the bid. All variances submitted are subject to review and approval by the City. If any bid contains material variances that, in the City's sole opinion, make that bid conditional in nature, the City reserves the right to reject the bid or part of the bid that is declared, by the City as conditional.
- 1.07 NO BIDS:** If you do not intend to bid please indicate the reason, such as insufficient time to respond, do not offer product or service, unable to meet specifications, schedule would not permit, or any other reason, in the space provided in this ITB. Failure to bid or return no bid comments prior to the bid due and opening date and time, indicated in this ITB, may result in your firm being deleted from our Bidder's registration list for the Commodity Class Item requested in this ITB.
- 1.08 MINORITY AND WOMEN BUSINESS ENTERPRISE PARTICIPATION AND BUSINESS DEFINITIONS:** The City of Fort Lauderdale wants to increase the participation of Minority Business Enterprises (MBE), Women Business Enterprises (WBE), and Small Business Enterprises (SBE) in its procurement activities. If your firm qualifies in accordance with the below definitions please indicate in the space provided in this ITB.

Minority Business Enterprise (MBE) "A Minority Business" is a business enterprise that is owned or controlled by one or more socially or economically disadvantaged persons. Such disadvantage may arise from cultural, racial, chronic economic circumstances or background or other similar cause. Such persons include, but are not limited to: Blacks, Hispanics, Asian Americans, and Native Americans.

The term 'Minority Business Enterprise' means a business at least 51 percent of which is owned by minority group members or, in the case of a publicly owned business, at least 51 percent of the stock of which is owned by minority group members. For the purpose of the preceding sentence, minority group members are citizens of the United States who include, but are not limited to: Blacks, Hispanics, Asian Americans, and Native Americans.

Women Business Enterprise (WBE) "Women Owned or Controlled Business" is a business enterprise at least 51 percent of which is owned by females or, in the case of a publicly owned business, at least 51 percent of the stock of which is owned by females.

Small Business Enterprise (SBE) "Small Business" means a corporation, partnership, sole proprietorship, or other legal entity formed for the purpose of making a profit, which is independently owned and operated, has either fewer than 100 employees or less than \$1,000,000 in annual gross receipts.

BLACK, which includes persons having origins in any of the Black racial groups of Africa.

WHITE, which includes persons whose origins are Anglo-Saxon and Europeans and persons of Indo-European decent including Pakistani and East Indian.

HISPANIC, which includes persons of Mexican, Puerto Rican, Cuban, Central and South American, or other Spanish culture or

origin, regardless of race.

NATIVE AMERICAN, which includes persons whose origins are American Indians, Eskimos, Aleuts, or Native Hawaiians.

ASIAN AMERICAN, which includes persons having origin in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands.

#### 1.09 MINORITY-WOMEN BUSINESS ENTERPRISE PARTICIPATION

It is the desire of the City of Fort Lauderdale to increase the participation of minority (MBE) and women-owned (WBE) businesses in its contracting and procurement programs. While the City does not have any preference or set aside programs in place, it is committed to a policy of equitable participation for these firms. Proposers are requested to include in their proposals a narrative describing their past accomplishments and intended actions in this area. If proposers are considering minority or women owned enterprise participation in their proposal, those firms, and their specific duties have to be identified in the proposal. If a proposer is considered for award, he will be asked to meet with City staff so that the intended MBE/WBE participation can be formalized and included in the subsequent contract.

- 1.09(a) **CERTIFICATION BY BROWARD COUNTY, FL:** If awarded a contract or purchase order as a result of this solicitation, and if the awarded contractor/vendor is claiming minority status in accordance with Section 1.08 of the General Conditions, then said awarded contractor/vendor shall apply for certification by Broward County, Florida, *Division of Equal Employment and Small Business Opportunity*. Contractor/vendor shall provide documentation of application status, and once approved or disapproved by Broward County, must also provide that documentation to the Procurement Services Department of the City of Fort Lauderdale.

#### Part II DEFINITIONS/ORDER OF PRECEDENCE:

- 2.01 **BIDDING DEFINITIONS** The City will use the following definitions in its general conditions, special conditions, technical specifications, instructions to bidders, addenda and any other document used in the bidding process:  
 INVITATION TO BID (ITB) when the City is requesting bids from qualified Bidders.  
 REQUEST FOR PROPOSALS (RFP) when the City is requesting proposals from qualified Proposers.  
 BID – a price and terms quote received in response to an ITB.  
 PROPOSAL – a proposal received in response to an RFP.  
 BIDDER – Person or firm submitting a Bid.  
 PROPOSER – Person or firm submitting a Proposal.  
 RESPONSIVE BIDDER – A person whose bid conforms in all material respects to the terms and conditions included in the ITB.  
 RESPONSIBLE BIDDER – A person who has the capability in all respects to perform in full the contract requirements, as stated in the ITB, and the integrity and reliability that will assure good faith performance.  
 FIRST RANKED PROPOSER – That Proposer, responding to a City RFP, whose Proposal is deemed by the City, the most advantageous to the City after applying the evaluation criteria contained in the RFP.  
 SELLER – Successful Bidder or Proposer who is awarded a Purchase Order or Contract to provide goods or services to the City.  
 CONTRACTOR – Successful Bidder or Proposer who is awarded a Purchase Order, award Contract, Blanket Purchase Order agreement, or Term Contract to provide goods or services to the City.  
 CONTRACT – A deliberate verbal or written agreement between two or more competent parties to perform or not to perform a certain act or acts, including all types of agreements, regardless of what they may be called, for the procurement or disposal of equipment, materials, supplies, services or construction.  
 CONSULTANT – Successful Bidder or Proposer who is awarded a contract to provide professional services to the City.  
 The following terms may be used interchangeably by the City: ITB, or RFP; Bid or Proposal; Bidder, Proposer, or Seller; Contractor or Consultant; Contract, Award, Agreement or Purchase Order.
- 2.02 **SPECIAL CONDITIONS:** Any and all Special Conditions contained in this ITB that may be in variance or conflict with these General Conditions shall have precedence over these General Conditions. If no changes or deletions to General Conditions are made in the Special Conditions, then the General Conditions shall prevail in their entirety,

#### PART III BIDDING AND AWARD PROCEDURES:

- 3.01 **SUBMISSION AND RECEIPT OF BIDS:** To receive consideration, bids must be received prior to the bid opening date and time. Unless otherwise specified, Bidder's should use the proposal forms provided by the City. These forms may be duplicated, but failure to use the forms may cause the bid to be rejected. Any erasures or corrections on the bid must be made in ink and initialed by Bidder in ink. All information submitted by the Bidder shall be printed, typewritten or filled in with pen and ink. Bids shall be signed in ink. Separate bids must be submitted for each ITB issued by the City in separate sealed envelopes properly marked. When a particular ITB or RFP requires multiple copies of bids or proposals they may be included in a single envelope or package properly sealed and identified. Only send bids via facsimile transmission (FAX) if the ITB specifically states that bids sent via FAX will be considered. If such a statement is not included in the ITB, bids sent via FAX will be rejected. Bids will be publicly opened in the Procurement Office, or other designated area, in the presence of Bidder's, the public, and City staff. Bidders and the public are invited and encouraged to attend bid openings. Bids will be tabulated and made available for review by Bidder's and the public in accordance with applicable regulations.
- 3.02 **MODEL NUMBER CORRECTIONS:** If the model number for the make specified in this ITB is incorrect, or no longer available and replaced with an updated model with new specifications, the Bidder shall enter the correct model number on the bidder proposal page. In the case of an updated model with new specifications, Bidder shall provide adequate information to allow the City to determine if the model bid meets the City's requirements.
- 3.03 **PRICES QUOTED:** Deduct trade discounts, and quote firm net prices. Give both unit price and extended total. In the case of a discrepancy in computing the amount of the bid, the unit price quoted will govern. All prices quoted shall be F.O.B. destination, freight prepaid (Bidder pays and bears freight charges, Bidder owns goods in transit and files any claims), unless otherwise stated

- in Special Conditions. Each item must be bid separately. No attempt shall be made to tie any item or items contained in the ITB with any other business with the City.
- 3.04 TAXES:** The City of Fort Lauderdale is exempt from Federal Excise and Florida Sales taxes on direct purchase of tangible property. Exemption number for Federal Excise taxes is 59-74-0111K, and State Sales tax exemption number is 16-03-196479-54C.
- 3.05 WARRANTIES OF USAGE:** Any quantities listed in this ITB as estimated or projected are provided for tabulation and information purposes only. No warranty or guarantee of quantities is given or implied. It is understood that the Contractor will furnish the City's needs as they arise.
- 3.06 APPROVED EQUAL:** When the technical specifications call for a brand name, manufacturer, make, model, or vendor catalog number with acceptance of APPROVED EQUAL, it shall be for the purpose of establishing a level of quality and features desired and acceptable to the City. In such cases, the City will be receptive to any unit that would be considered by qualified City personnel as an approved equal. In that the specified make and model represent a level of quality and features desired by the City, the Bidder must state clearly in his bid any variance from those specifications. It is the Bidder's responsibility to provide adequate information, in his bid, to enable the City to ensure that the bid meets the required criteria. If adequate information is not submitted with the bid, it may be rejected. The City will be the sole judge in determining if the item bid qualifies as an approved equal.
- 3.07 MINIMUM AND MANDATORY TECHNICAL SPECIFICATIONS:** The technical specifications may include items that are considered minimum, mandatory, or required. If any Bidder is unable to meet, or exceed these items, and feels that the technical specifications are overly restrictive, he must notify the Procurement Division immediately. Such notification must be received by the Procurement Services Department prior to the deadline contained in the ITB, for questions of a material nature, or prior to five (5) days before bid due and open date, whichever occurs first. If no such notification is received prior to that deadline, the City will consider the technical specifications to be acceptable to all bidders.
- 3.08 MISTAKES:** Bidders are cautioned to examine all terms, conditions, specifications, drawings, exhibits, addenda, delivery instructions and special conditions pertaining to the ITB. Failure of the Bidder to examine all pertinent documents shall not entitle him to any relief from the conditions imposed in the contract.
- 3.09 SAMPLES AND DEMONSTRATIONS:** Samples or inspection of product may be requested to determine suitability. Unless otherwise specified in Special Conditions, samples shall be requested after the date of bid opening, and if requested should be received by the City within seven (7) working days of request. Samples, when requested, must be furnished free of expense to the City and if not used in testing or destroyed, will upon request of the Bidder, be returned within thirty (30) days of bid award at Bidder's expense. When required, the City may request full demonstrations of units prior to award. When such demonstrations are requested, the Bidder shall respond promptly and arrange a demonstration at a convenient location. Failure to provide samples or demonstrations as specified by the City may result in rejection of a bid.
- 3.10 LIFE CYCLE COSTING:** If so specified in the ITB, the City may elect to evaluate equipment proposed on the basis of total cost of ownership. In using Life Cycle Costing, factors such as the following may be considered: estimated useful life, maintenance costs, cost of supplies, labor intensity, energy usage, environmental impact, and residual value. The City reserves the right to use those or other applicable criteria, in its sole opinion that will most accurately estimate total cost of use and ownership.
- 3.11 BIDDING ITEMS WITH RECYCLED CONTENT:** In addressing environmental concerns, the City of Fort Lauderdale encourages Bidders to submit bids or alternate bids containing items with recycled content. When submitting bids containing items with recycled content, Bidder shall provide documentation adequate for the City to verify the recycled content. The City prefers packaging consisting of materials that are degradable or able to be recycled. When specifically stated in the ITB, the City may give preference to bids containing items manufactured with recycled material or packaging that is able to be recycled.
- 3.12 USE OF OTHER GOVERNMENTAL CONTRACTS:** The City reserves the right to reject any part or all of any bids received and utilize other available governmental contracts, if such action is in its best interest.
- 3.13 QUALIFICATIONS/INSPECTION:** Bids will only be considered from firms normally engaged in providing the types of commodities/services specified herein. The City reserves the right to inspect the Bidder's facilities, equipment, personnel, and organization at any time, or to take any other action necessary to determine Bidder's ability to perform. The Procurement Director reserves the right to reject bids where evidence or evaluation is determined to indicate inability to perform.
- 3.14 BID SURETY:** If Special Conditions require a bid security, it shall be submitted in the amount stated. A bid security can be in the form of a bid bond, postal money order, cashiers check, or irrevocable letter of credit. Bid security will be returned to the unsuccessful bidders as soon as practicable after opening of bids. Bid security will be returned to the successful bidder after acceptance of the performance bond or irrevocable letter of credit, if required; acceptance of insurance coverage, if required; and full execution of contract documents, if required; or conditions as stated in Special Conditions.
- 3.15 PUBLIC RECORDS:** Florida law provides that municipal records shall at all times be open for personal inspection by any person. Section 119.01, F.S., The Public Records Law. Information and materials received by City in connection with an ITB response shall be deemed to be public records subject to public inspection upon award, recommendation for award, or 10 days after bid opening, whichever occurs first. However, certain exemptions to the public records law are statutorily provided for in Section 119.07, F.S. If the Proposer believes any of the information contained in his or her response is exempt from the Public Records Law, then the Proposer, must in his or her response, specifically identify the material which is deemed to be exempt and cite the legal authority for the exemption. The City's determination of whether an exemption applies shall be final, and the Proposer agrees to defend, indemnify, and hold harmless the City and the City's officers, employees, and agents, against any loss or damages incurred by any person or entity as a result of the City's treatment of records as public records.
- 3.15 PROHIBITION OF INTEREST:** No contract will be awarded to a bidding firm who has City elected officials, officers or employees

affiliated with it, unless the bidding firm has fully complied with current Florida State Statutes and City Ordinances relating to this issue. Bidders must disclose any such affiliation. Failure to disclose any such affiliation will result in disqualification of the Bidder and removal of the Bidder from the City's bidder lists and prohibition from engaging in any business with the City.

- 3.16 RESERVATIONS FOR AWARD AND REJECTION OF BIDS:** The City reserves the right to accept or reject any or all bids, part of bids, and to waive minor irregularities or variations to specifications contained in bids, and minor irregularities in the bidding process. The City also reserves the right to award the contract on a split order basis, lump sum basis, individual item basis, or such combination as shall best serve the interest of the City. The City reserves the right to make an award to the responsive and responsible bidder whose product or service meets the terms, conditions, and specifications of the ITB and whose bid is considered to best serve the City's interest. In determining the responsiveness of the offer and the responsibility of the Bidder, the following shall be considered when applicable: the ability, capacity and skill of the Bidder to perform as required; whether the Bidder can perform promptly, or within the time specified, without delay or interference; the character, integrity, reputation, judgment, experience and efficiency of the Bidder; the quality of past performance by the Bidder; the previous and existing compliance by the Bidder with related laws and ordinances; the sufficiency of the Bidder's financial resources; the availability, quality and adaptability of the Bidder's supplies or services to the required use; the ability of the Bidder to provide future maintenance, service or parts; the number and scope of conditions attached to the bid.

If the ITB provides for a contract trial period, the City reserves the right, in the event the selected bidder does not perform satisfactorily, to award a trial period to the next ranked bidder or to award a contract to the next ranked bidder, if that bidder has successfully provided services to the City in the past. This procedure to continue until a bidder is selected or the contract is re-bid, at the sole option of the City.

- 3.17 LEGAL REQUIREMENTS:** Applicable provisions of all federal, state, county laws, and local ordinances, rules and regulations, shall govern development, submittal and evaluation of all bids received in response hereto and shall govern any and all claims and disputes which may arise between person(s) submitting a bid response hereto and the City by and through its officers, employees and authorized representatives, or any other person, natural or otherwise; and lack of knowledge by any bidder shall not constitute a cognizable defense against the legal effect thereof.

#### **PART IV BONDS AND INSURANCE**

- 4.01 PERFORMANCE BOND/IRREVOCABLE LETTER OF CREDIT:** If a performance bond or irrevocable letter of credit is required in Special Conditions, the Contractor shall within fifteen (15) working days after notification of award, furnish to the City a Performance Bond or an Unconditional Irrevocable Letter of Credit payable to the City of Fort Lauderdale, Florida, in the face amount specified in Special Conditions as surety for faithful performance under the terms and conditions of the contract. If the bond is on an annual coverage basis, renewal for each succeeding year shall be submitted to the City thirty (30) days prior to the termination date of the existing Performance Bond. The Performance Bond must be executed by a surety company of recognized standing, authorized to do business in the State of Florida and having a resident agent. If a Letter of Credit is chosen, it must be in a form acceptable to the City, drawn on a local (Broward, Dade or Palm Beach Counties) bank acceptable to the City and issued in favor of the City of Fort Lauderdale, Florida. If a Bidder wishes to use a non-local bank, he must have prior City approval of the requirements to draw against the Letter of Credit.

Acknowledgement and agreement is given by both parties that the amount herein set for the Performance Bond or Irrevocable Letter of Credit is not intended to be nor shall be deemed to be in the nature of liquidated damages nor is it intended to limit the liability of the Contractor to the City in the event of a material breach of this Agreement by the Contractor.

- 4.02 INSURANCE:** If the Contractor is required to go on to City property to perform work or services as a result of ITB award, the Contractor shall assume full responsibility and expense to obtain all necessary insurance as required by City or specified in Special Conditions.

The Contractor shall provide to the Procurement Services Department original certificates of coverage and receive notification of approval of those certificates by the City's Risk Manager prior to engaging in any activities under this contract. The Contractor's insurance is subject to the approval of the City's Risk Manager. The certificates must list the City as an **ADDITIONAL INSURED** and shall have no less than thirty (30) days written notice of cancellation or material change. Further modification of the insurance requirements may be made at the sole discretion of the City's Risk Manager if circumstances change or adequate protection of the City is not presented. Bidder, by submitting his bid, agrees to abide by such modifications.

#### **PART V PURCHASE ORDER AND CONTRACT TERMS:**

- 5.01 COMPLIANCE TO SPECIFICATIONS, LATE DELIVERIES/PENALTIES:** Items offered may be tested for compliance to bid specifications. Items delivered which do not conform to bid specifications may be rejected and returned at Contractor's expense. Any violation resulting in contract termination for cause or delivery of items not conforming to specifications, or late delivery may also result in:
- Bidder's name being removed from the City's bidder's mailing list for a specified period and Bidder will not be recommended for any award during that period.
  - All City Departments being advised to refrain from doing business with the Bidder.
  - All other remedies in law or equity.
- 5.02 ACCEPTANCE, CONDITION, AND PACKAGING:** The material delivered in response to ITB award shall remain the property of the Seller until a physical inspection is made and the material accepted to the satisfaction of the City. The material must comply fully with the terms of the ITB, be of the required quality, new, and the latest model. All containers shall be suitable for storage and shipment by common carrier, and all prices shall include standard commercial packaging. The City will not accept substitutes of any kind. Any substitutes or material not meeting specifications will be returned at the Bidder's expense. Payment will be made only after City receipt and acceptance of materials or services.
- 5.03 SAFETY STANDARDS:** All manufactured items and fabricated assemblies shall comply with applicable requirements of the Occupational Safety and Health Act of 1970 as amended, and be in compliance with Chapter 442, Florida Statutes. Any toxic

substance listed in Section 38F-41.03 of the Florida Administrative Code delivered as a result of this order must be accompanied by a completed Material Safety Data Sheet (MSDS).

- 5.04 ASBESTOS STATEMENT:** All material supplied must be 100% asbestos free. Bidder, by virtue of bidding, certifies that if awarded any portion of the ITB he will supply only material or equipment that is 100% asbestos free.
- 5.05 OTHER GOVERNMENTAL ENTITIES:** If the Bidder is awarded a contract as a result of this ITB, he will, if he has sufficient capacity or quantities available, provide to other governmental agencies, so requesting, the products or services awarded in accordance with the terms and conditions of the ITB and resulting contract. Prices shall be F.O.B. delivered to the requesting agency.
- 5.06 VERBAL INSTRUCTIONS PROCEDURE:** No negotiations, decisions, or actions shall be initiated or executed by the Contractor as a result of any discussions with any City employee. Only those communications which are in writing from an authorized City representative may be considered. Only written communications from Contractors, which are assigned by a person designated as authorized to bind the Contractor, will be recognized by the City as duly authorized expressions on behalf of Contractors.
- 5.07 INDEPENDENT CONTRACTOR:** The Contractor is an independent contractor under this Agreement. Personal services provided by the Proposer shall be by employees of the Contractor and subject to supervision by the Contractor, and not as officers, employees, or agents of the City. Personnel policies, tax responsibilities, social security, health insurance, employee benefits, procurement policies unless otherwise stated in this ITB, and other similar administrative procedures applicable to services rendered under this contract shall be those of the Contractor.
- 5.08 INDEMNITY/HOLD HARMLESS AGREEMENT:** The Contractor agrees to protect, defend, indemnify, and hold harmless the City of Fort Lauderdale and its officers, employees and agents from and against any and all losses, penalties, damages, settlements, claims, costs, charges for other expenses, or liabilities of every and any kind including attorney fees, in connection with or arising directly or indirectly out of the work agreed to or performed by Contractor under the terms of any agreement that may arise due to the bidding process. Without limiting the foregoing, any and all such claims, suits, or other actions relating to personal injury, death, damage to property, defects in materials or workmanship, actual or alleged violations of any applicable Statute, ordinance, administrative order, rule or regulation, or decree of any court shall be included in the indemnity hereunder.
- 5.09 TERMINATION FOR CAUSE:** If, through any cause, the Contractor shall fail to fulfill in a timely and proper manner its obligations under this Agreement, or if the Contractor shall violate any of the provisions of this Agreement, the City may upon written notice to the Contractor terminate the right of the Contractor to proceed under this Agreement, or with such part or parts of the Agreement as to which there has been default, and may hold the Contractor liable for any damages caused to the City by reason of such default and termination. In the event of such termination, any completed services performed by the Contractor under this Agreement shall, at the option of the City, become the City's property and the Contractor shall be entitled to receive equitable compensation for any work completed to the satisfaction of the City. The Contractor, however, shall not be relieved of liability to the City for damages sustained by the City by reason of any breach of the Agreement by the Contractor, and the City may withhold any payments to the Contractor for the purpose of setoff until such time as the amount of damages due to the City from the Contractor can be determined.
- 5.10 TERMINATION FOR CONVENIENCE:** The City reserves the right, in its best interest as determined by the City, to cancel contract by giving written notice to the Contractor thirty (30) days prior to the effective date of such cancellation.
- 5.11 CANCELLATION FOR UNAPPROPRIATED FUNDS:** The obligation of the City for payment to a Contractor is limited to the availability of funds appropriated in a current fiscal period, and continuation of the contract into a subsequent fiscal period is subject to appropriation of funds, unless otherwise authorized by law.
- 5.12 RECORDS/AUDIT:** The Contractor shall maintain during the term of the contract all books of account, reports and records in accordance with generally accepted accounting practices and standards for records directly related to this contract. The form of all records and reports shall be subject to the approval of the City's Internal Auditor. The Contractor agrees to make available to the City's Internal Auditor, during normal business hours and in Broward, Dade or Palm Beach Counties, all books of account, reports and records relating to this contract for the duration of the contract and retain them for a minimum period of one (1) year beyond the last day of the contract term.
- 5.13 PERMITS, TAXES, LICENSES:** The successful Contractor shall, at his own expense, obtain all necessary permits, pay all licenses, fees and taxes, required to comply with all local ordinances, state and federal laws, rules and regulations applicable to business to be carried on under this contract.
- 5.14 LAWS/ORDINANCES:** The Contractor shall observe and comply with all Federal, state, local and municipal laws, ordinances rules and regulations that would apply to this contract.
- 5.15 NON-DISCRIMINATION:** There shall be no discrimination as to race, sex, color, creed, age or national origin in the operations conducted under this contract.
- 5.16 UNUSUAL CIRCUMSTANCES:** If during a contract term where costs to the City are to remain firm or adjustments are restricted by a percentage or CPI cap, unusual circumstances that could not have been foreseen by either party to the contract occur, and those circumstances significantly affect the Contractor's cost in providing the required items or services, then the Contractor may request adjustments to the costs to the City to reflect the changed circumstances. The circumstances must be beyond the control of the Contractor, and the requested adjustments must be fully documented. The City may, after examination, refuse to accept the adjusted costs if they are not properly documented, increases are considered to be excessive, or decreases are considered to be insufficient. In the event the City does not wish to accept the adjusted costs and the matter cannot be resolved to the satisfaction of the City, the City will reserve the following options:
1. The contract can be canceled by the City upon giving thirty (30) days written notice to the Contractor with no penalty to the

City or Contractor. The Contractor shall fill all City requirements submitted to the Contractor until the termination date contained in the notice.

2. The City requires the Contractor to continue to provide the items and services at the firm fixed (non-adjusted) cost until the termination of the contract term then in effect.
3. If the City, in its interest and in its sole opinion, determines that the Contractor in a capricious manner attempted to use this section of the contract to relieve themselves of a legitimate obligation under the contract, and no unusual circumstances had occurred, the City reserves the right to take any and all action under law or equity. Such action shall include, but not be limited to, declaring the Contractor in default and disqualifying him for receiving any business from the City for a state period of time.

If the City does agree to adjusted costs, these adjusted costs shall not be invoiced to the City until the Contractor receives notice in writing signed by a person authorized to bind the City in such matters.

- 5.17 ELIGIBILITY:** If applicable, the Contractor must first register with the Department of State of the State of Florida, in accordance with Florida State Statutes, prior to entering into a contract with the City.
- 5.18 PATENTS AND ROYALTIES:** The Contractor, without exception, shall indemnify and save harmless the City and its employees from liability of any nature and kind, including cost and expenses for or on account of any copyrighted, patented or un-patented invention, process, or article manufactured or used in the performance of the contract, including its use by the City. If the Contractor uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or costs arising from the use of such design, device, or materials in any way involved in the work.
- 5.19 ASSIGNMENT:** Contractor shall not transfer or assign the performance required by this ITB without the prior written consent of the City. Any award issued pursuant to this ITB, and the monies, which may become due hereunder, are not assignable except with the prior written approval of the City Manager or selected designee.
- 5.20 LITIGATION VENUE:** The parties waive the privilege of venue and agree that all litigation between them in the state courts shall take place in Broward County, Florida and that all litigation between them in the federal courts shall take place in the Southern District in and for the State of Florida.

## City of Fort Lauderdale Annual Chain Link and Picket Fence Installation and Repair Contract

### 01. Purpose

The City of Fort Lauderdale is actively seeking bids from qualified bidders, hereinafter referred to as the Contractor, for an annual contract to provide for **fence installation and repair** for the Public Works Department in full accordance with the specifications, terms, and conditions contained in this Invitation To Bid (ITB). Work request may range from large, new installation or repairs to small quantity fence repairs, i.e. damage from vehicle accidents.

### 02. INFORMATION OR CLARIFICATION

For information concerning procedures for responding to this RFP, technical specifications, etc., utilize the question / answer feature provided by RFP Depot. Such contact shall be for clarification purposes only. Material changes, if any, to the scope of services or bidding procedures will only be transmitted by written addendum (See addendum section of RFP Depot Site). Any questions that bidders wish to have addressed and which might require an addendum should be submitted through the RFP Depot website in writing at least 7 days prior to bid due and open date. If required, written addendum will be issued. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a proposal will be considered evidence that the bidder has familiarized himself with the nature and extent of the work, and the equipment, materials, and labor required.

### 03. Competency of Bidders

Bids shall be considered only from firms that have been engaged in providing services similar to those specified herein for a period of not less than two (2) years continuously and that are presently engaged in the provision of these services. It may be necessary to produce evidence that they have established a satisfactory record of performance for a reasonable period of time. And that they have sufficient financial support, delivery fleet and organization to insure that they can satisfactorily perform the services if awarded a contract under the terms and conditions stated herein.

### 04. Performance

It is the intention of the City to obtain the services as specified herein from a source of supply that will give prompt and convenient service. The awarded Contractor must be able to perform as required under the Scope of Services below. Any failure of a successful bidder to comply with these conditions may be cause for terminating any resulting contract immediately upon notice by the City. The City reserves the right to obtain these services from other sources, when necessary, should a successful bidder be unable to perform on a timely basis and such delay may cause harm to the using department or city residents.

### 05. Contract Term

The initial contract term is for two (2) years. The City reserves the right to extend the contract for three (3) additional one (1) year periods, providing both parties agree to the extension; all the terms, conditions and specifications remain the same; and such extension is approved by the City.

In the event services are scheduled to end because of the expiration of this contract, the Contractor shall continue the service upon the request of the Director of Procurement Services. The extension period shall not extend for more than ninety (90) days beyond the expiration date of the existing contract. The Contractor shall be compensated for the service at the rate(s) in effect when the City invokes this extension clause.

### 06. Cost Adjustments

The cost for all items as quoted herein shall remain firm for the first year of the contract. Costs for subsequent years and any extension term years shall be subject to an adjustment only if increases occur in the industry. However, unless very unusual and significant changes have

occurred in the industry, such increases shall not exceed 5% per year or, whichever is less, the latest yearly percentage increase in the All Urban Consumers Price Index (CPU-U) (National) as published by the Bureau of Labor Statistics, U.S. Dept. of Labor. The yearly increase, or decrease in the CPI shall be that latest index published and available ninety (90) days prior to the end of the contract year then in effect compared to the index for the same month one year prior. Any requested cost increase shall be fully documented and submitted to the City at least ninety (90) days prior to the contract anniversary date. Any approved cost adjustments shall become effective upon the anniversary date of the contract. In the event the CPI or industry costs decline, the City shall have the right to receive, from the Contractor, a reasonable reduction in costs that reflect such cost changes in the industry.

The City may, after examination, refuse to accept the adjusted costs if they are not properly documented, increases are considered to be excessive, or decreases are considered to be insufficient. In the event the City does not wish to accept the adjusted costs and the matter cannot be resolved to the satisfaction of the City, the contract can be cancelled by the City upon giving thirty (30) days written notice to the Contractor.

#### **07. Trial Period**

If the low responsive and responsible bidder meeting specifications has not previously performed like services for the City of Fort Lauderdale, the City reserves the right to request a trial period of 30 to 90 days in order to determine that the bidder will perform to the City's complete satisfaction. If a trial period is requested, all terms and conditions of the bid shall apply, and the Contractor shall provide all required documentation prior to commencement of any work.

The Contract Coordinator (or his designee) shall complete a performance evaluation prior to the end of the trial period. The evaluation shall be given to the Contractor for review and comment and shall serve as the basis for continuation or termination of services. The trial period shall not be considered as part of the initial contract term. Only after successful completion of the trial period, shall a contract be initiated.

#### **08. Evaluation/Award**

Award will be made to the responsive, responsible bidder quoting the lowest total cost to the City. **Bidder must quote on all items listed in order to be considered for award.** The City reserves the right to compare specific items, at its discretion, to determine the low responsible bidder. The Purchasing Manager shall decide tie bids. A copy of the bid tabulation will be sent to any vendor who provides a self-addressed, stamped envelope with their bid. Approximately ten (10) days after bid opening, the bid tab may also be viewed at [www.ci.fort-lauderdale.fl.us/purchasing/index.htm](http://www.ci.fort-lauderdale.fl.us/purchasing/index.htm).

#### **09. Insurance**

The Contractor shall carry at all times the following insurance coverage:

Worker's Compensation & Employer's Liability Insurance

Limits: Worker's Compensation – Statutory 440-055.

Employer's Liability in the amount of \$500,000

Any firm performing work on behalf of the City of Fort Lauderdale must provide Worker's Compensation insurance. Exceptions if individual performing the work are Corporate Officer, sole proprietor, or partner. Copies of waivers are provided by FS 440-05 & 440.055 are required.

Commercial General Liability Insurance

Covering premises-operations, products completed operations, independent contractors, and contractual liability.

Combined single Limit Bodily Injury/Property Damage with minimum limits of \$1,000,000.

This coverage must include:

- a. Coverage for the liability assumed by the contractor under the indemnity provision of the contract.
- b. Coverage for hazards commonly referred to as 'Explosion, Collapses and Underground' exclusions – on construction contracts only.

Automobile Liability Insurance

Covering all owned, hired and non-owned automobile equipment.

Limits: Bodily Injury - \$250,000 each person  
\$500,000 each occurrence

Property Damage - \$100,000 each occurrence

Combined Single Limit - \$1,000,000 (Bodily Injury and Property Damage Combined)

All certificates of insurance must be submitted to the Procurement Department and be approved by the City's Risk Manager prior to commencement of any work.

Waiver of Subrogation: All insurance policies of the contractor will be endorsed to waive all rights of subrogation against the City of Fort Lauderdale.

A copy of **any** current Certificate of Insurance should be included with your proposal.

**In the event that you are the successful bidder, you will be required to provide a Certificate naming the City as an "Additional Insured" for both General Liability and Automobile.**

**10. Lobbying Activities**

Any bidder submitting a response to this solicitation must comply, if applicable, with City of Fort Lauderdale Ordinance No. C-00-27 regarding Lobbying Activities. Copies of Ordinance No. C-00-27 may be obtained from the City Clerk's Office on the 7th Floor of City Hall, 100 N. Andrews Avenue, Fort Lauderdale, Florida. The ordinance may also be viewed on the City's website at <http://www.ci.fort-lauderdale.fl.us/documents/index.htm>

**11. General Conditions**

Except as noted in the Special Conditions above, all terms and conditions of the attached General Conditions are included by reference.

**12. NO EXCLUSIVE CONTRACT / ADDITIONAL SERVICES**

12.1 Contractor agrees and understands that the contract shall not be construed as an exclusive arrangement and further agrees that the City may, at any time, secure similar or identical services at its sole option.

12.2 While this contract is for services provided to the City's Public Works Department, the City may require similar work for other City departments. Contractor agrees to take on such work unless such work would not be considered reasonable or become an undue burden to the Contractor.

12.3 The City may require additional items or services of a similar nature, but not specifically listed in the contract. The Contractor agrees to provide such items or services, and shall provide the City prices on such additional items or services based upon a formula or

method, which is the same, or similar to that used in establishing the prices in his bid. If the price(s) offered are not acceptable to the City, and the situation cannot be resolved to the satisfaction of the City, the City reserves the right to procure those items or services from other vendors, or to cancel the contract upon giving the Contractor thirty (30) days written notice.

**13. INTERPRETATION OF BIDDING DOCUMENTS:**

Only the interpretation or correction so given by the Director of Procurement, City of Fort Lauderdale or his designee, in writing, shall be binding and prospective bidders are advised that no other source is authorized to give information concerning, or to explain or interpret, the ITB documents.

**14. PUBLIC ENTITY CRIMES**

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for Category Two for a period of 36 months from the date of being placed on the convicted vendor list.

NOTE: Bidder, by submitting a bid attests they have not been placed on the convicted vendor list.

## PART II - SCOPE OF SERVICE

### 01. Scope of Work

To furnish all labor, equipment and tools required for the installation and repair of chain link and picket fencing, including required pickup and transport, in accordance with the specifications of this bid. To supply required equipment and labor to remove, haul and properly dispose of any debris or excess fill material as developed during the fulfillment of this contract.

### 02. Working Hours

The standard work week shall be considered as Monday through Friday, from 7:30 AM through 4:30 PM; excluding normal holidays granted to City employees. Workdays are exclusive of Saturday and Sunday.

Work shall normally be scheduled to commence during the standard workweek hours, however, if both the Contractor and City personnel agree, work can be accomplished during hours other than those detailed as standard workweek hours.

### 03. Standard Service Requirements

The work consists of furnishing all labor, material, equipment and incidentals necessary for the construction of the contract items indicated by the Proposal within City streets, rights-of-way and other City-owned property. All work shall be in accordance with the City's CONSTRUCTION STANDARDS AND SPECIFICATIONS, and FLORIDA BUILDING CODE except where stated otherwise herein.

CONTRACTOR IS REQUIRED TO HAVE A GENERAL CONTRACTORS LICENCE APPROVED BY THE STATE OF FLORIDA. A CERTIFICATE OF COMPETENCY FROM BROWARD COUNTY SHOULD ALSO BE OBTAINED.

When required, the contractor must apply for and obtain a building permit. The contractor will be responsible for all design and drawings as well as permit applications. Contractor will be reimbursed for permit cost.

Work may be authorized by written work/purchase order. A list of employees authorized to direct work, will be provided to the successful bidder upon award.

Suitable barricades and lights shall be placed by the Contractor to protect the public prior to the installation and/or removal of assigned fencing projects and shall remain until the work is completed. Barricades and lights shall be removed as soon as possible there after.

Each Contractor shall be held responsible for any damage done by him or his agents to work performed by another Contractor.

The quantities of work in the Proposal section of this contract are rough approximations only. The total quantities of work to be included in this contract and actually performed may vary widely and some items may be completely eliminated depending upon the work that will be authorized by the City during the period of this contract, by field conditions or availability of funds.

The Contractor shall provide the City typed (Excel, Word, or similar) and signed off (by the contractor's project manager/s) as-built field quantities and/or measurements specific to each job, within a maximum period of ten (10) working days after the work is completed. Any pay request submitted to the City by the Contractor shall include this as-built data. Pay requests shall also not exceed a period of (30) working days following each work request completion, as verified by the City.

**LIQUIDATED DAMAGES PROVISION:**

Time is of the essence throughout this Contract.

Upon failure of CONTRACTOR to substantially complete work orders within the specified period of time, plus approved time extensions, The City reserves the right to impose liquidated damages on the Contractor.

Failure to complete the project(s) of any Work Order within the reasonable agreed number of working days, shall subject the Contractor to pay Fifty dollars (\$50.00) for each calendar day of the first 30 day period and One hundred (\$100.00) for each calendar day thereafter. These amounts will be applied (subtracted) to the Contractor's pay request for the particular work order. The above-stated liquidated damages shall apply separately to each portion of the project for which a time for completion is given.

It is agreed upon and determined by both parties that the liquidated damages assessed are amounts that the City will suffer by reason of such default and not by way of penalty.

**MAINTENANCE OF TRAFFIC:** Contractor shall be responsible for maintaining traffic in accordance with the Florida Department of Transportation standards and all applicable local requirements. Contractor shall be responsible for obtaining all applicable permits for maintenance of traffic.

**PROTECTION AND RESTORATION OF SURVEY MONUMENTS**

The Contractor shall carefully protect from disturbances all survey monuments, stakes and bench marks, whether or not established by him, or he shall not remove nor destroy any surveying point until it has been properly witnessed or otherwise disposed of by the Engineer. All major survey monuments such as section corners, property corners, or block control points shall be replaced at the Contractor's expense with markers of a size and type approved by the Engineer. The replacement shall be under the supervision of a Florida Registered Land Surveyor.

**SURVEYING BENCH MARKS AND CONTROL POINTS, when and where required:** The City Surveyor will establish the initial benchmarks, control points, and one set of construction stakes for the median curb, at no charge to the Contractor. The Contractor shall be responsible for requesting the construction stakes at least five working days in advance of when stakes will be needed. The Contractor is responsible to protect and preserve all reference points and stakes established by the City Surveyor. In the event the stakes are damaged or moved, the Contractor shall be responsible for re-establishing the field reference points and stakes at his own expense. The City Surveyor will obtain all as-builts. All requests for survey work shall be directed through the City Engineering Inspector.

**04. Emergency Service Requirements**

The Contractor shall provide, if requested, temporary fencing within forty-eight (48) hours from initial contact by the City.

**05. Contractor's Responsibilities:**

- A. Contractor shall repair or correct any damage caused to underground and/or overhead utilities in the installation and/or repair of fencing, at no additional cost to the City.
- B. Contractor shall repair or correct to the satisfaction of the City, any damage to City and/or private property as a result of fence installation and/or repairs, at no additional cost to the City. This includes, but is not limited to: repair to concrete sidewalks or medians.
- C. Damage to public and/or private property shall be the responsibility of the Contractor and shall be repaired and/or replaced in a timely fashion at no additional cost to the City.

- D. When removing fencing and not installing replacement fencing, the Contractor shall provide material and labor to backfill the excavation hole to a level even with surrounding grade lines. The Contractor shall be responsible to furnish additional fill if required.
- E. Any fencing material either purchased damaged, or damaged during handling, transporting or installation by the Contractor, shall be replaced at the expense of the Contractor.
- F. Contractor shall haul and dispose of any and all debris or fill developed as a result of removal, installation or repair under this contract, at no additional cost to the City.

## **PART III - TECHNICAL SPECIFICATIONS**

### **CHAIN LINK FENCES**

#### **DESCRIPTION**

This item shall consist of furnishing and erecting a chain-link fence in accordance with these specifications and the details shown on the plans and in conformity with the lines and grades shown on the plans or established by the Engineer.

#### **MATERIALS**

**FABRIC.** The fabric shall be woven with a 9-gauge galvanized steel wire in a 2-inch mesh and shall meet the requirements of ASTM A-392, Class 2.

**BARBED WIRE.** Barbed wire shall be 2-strand 12-1/2 gauge zinc-coated wire with 4-point barbs and shall conform to the requirements of ASTM A-121, Class 3, chain link fence grade.

**POSTS, RAILS AND BRACES.** Posts, rails, and braces furnished for use in conjunction with zinc-coated, zinc-5%aluminum mischmetal alloy coated, or aluminum-coated steel fabric shall be of zinc-coated steel, zinc/polymer-coated steel, or zinc-5% aluminum mischmetal alloy coated steel framework. Those furnished for use in conjunction with aluminum alloy fabric shall be aluminum alloy.

Line posts, rails, and braces shall be one of the following:

- Galvanized steel pipe shall conform to the requirements of ASTM F 1083, or
- Roll-formed sections shall be fabricated from material meeting the requirements of ASTM A 570, Grade 45, and shall be galvanized in accordance with the requirements of ASTM F1043, Type A, or coated with zinc 5% aluminum mischmetal alloy in accordance with ASTM F 1043, Type C.

Post, rails, and braces shall demonstrate the ability to withstand testing in salt spray in accordance with ASTM B-117 as follows:

Exterior: 1,000 hours with a maximum of 5% red rust.

Interior: 650 hours with a maximum of 5% red rust.

**The dimensions of the posts, rails, and braces shall be in accordance with Tables I through VI of Fed. Spec. RR-F-191/3.**

**GATES.** Gate frames shall consist of galvanized steel pipe and shall conform to the specifications for the same material under section POSTS, RAILS AND BRACES. The fabric shall be of the same type material as used in the fence.

**WIRE TIES AND TENSION WIRES.** Wire ties for use in conjunction with a given type of fabric shall be of the same material and coating weight identified with the fabric type. Tension wire shall be 7-gauge marcelled steel wire with the same coating as the fabric type and shall conform to ASTM A-824.

All material shall conform to Fed. Spec. RR-F-191/4.

**MISCELLANEOUS FITTINGS AND HARDWARE.** Miscellaneous steel fittings and hardware for use with zinc-coated steel fabric shall be of commercial grade steel or better quality, wrought or cast as appropriate to the article, and sufficient in strength to provide a balanced design when used in conjunction with fabric posts, and wires of the quality specified herein. All steel fittings and hardware shall be protected with a zinc coating applied in conformance with ASTM A-153. Barbed wire support arms shall withstand a load of 250 pounds applied vertically to the outermost end of the arm.

**CONCRETE.** Concrete shall be of a commercial grade with a minimum 28-day compressive strength of 3,000 psi.

**MARKING.** Each roll of fabric shall carry a tag showing the kind of base metal (steel, aluminum, or aluminum alloy number), kind of coating, the gauge of the wire, the length of fencing in the roll, and the name of the manufacturer. Posts, wire, and other fittings shall be identified as to manufacturer, kind of base metal (steel, aluminum, or aluminum alloy number), and kind of coating.

## **CONSTRUCTION METHODS**

**CLEARING FENCE LINE.** All trees, brush, stumps, logs, and other debris which would interfere with the proper construction of the fence in the required location shall be removed a minimum width of 2 feet on each side of the fence centerline before starting fencing operations. The cost of removing and disposing of the material shall not constitute a pay item and shall be considered incidental to fence construction.

**INSTALLING POSTS.** All posts shall be set in concrete at the required dimension and depth and at the spacing shown on the plans.

**Posts should be spaced not more than 10 feet apart and should be set a minimum of 36 inches in concrete footings. If the frost depth is greater than 36 inches, the posts should be set accordingly. The posts holes shall be in proper alignment so that there is a minimum of 3 inches of concrete on all sides of the posts.**

The concrete shall be thoroughly compacted around the posts by tamping or vibrating and shall have a smooth finish slightly higher than the ground and sloped to drain away from the posts. All posts shall be set plumb and to the required grade and alignment. No materials shall be installed on the posts, nor shall the posts be disturbed in any manner within 7 days after the individual post footing is completed.

Should rock be encountered at a depth less than the planned footing depth, a hole 2 inches larger than the greatest dimension of the posts shall be drilled to a depth of 12 inches. After the posts are set, the remainder of the drilled hole shall be filled with grout, composed of one part Portland cement and two parts mortar sand. Any remaining space above the rock shall be filled with concrete in the manner described above.

In lieu of drilling, the rock may be excavated to the required footing depth. No extra compensation shall be made for rock excavation.

**INSTALLING TOP RAILS.** The top rail shall be continuous and shall pass through the post tops. The coupling used to join the top rail lengths shall allow for expansion.

**INSTALLING BRACES.** Horizontal brace rails, with diagonal truss rods and turnbuckles, shall be installed at all terminal posts.

**INSTALLING FABRIC.** The wire fabric shall be firmly attached to the posts and braced in the manner shown on the plans. All wire shall be stretched taut and shall be installed to the required elevations. The fence shall generally follow the contour of the ground, with the bottom of the fence fabric no less than 1 inch or more than 4 inches from the ground surface. Grading shall be performed where necessary to provide a neat appearance.

At locations of small natural swales or drainage ditches and where it is not practical to have the fence conform to the general contour of the ground surface, longer posts may be used and multiple strands of barbed wire stretched thereon to span the opening below the fence. The vertical clearance between strands of barbed wire shall be 6 inches or less.

Openings below the fence may also be spanned with barbed wire fastened to stakes.

**ELECTRICAL GROUNDS.** Electrical grounds shall be constructed at 500-foot intervals. The ground shall be accomplished with a copper clad rod 8 feet long and a minimum of 5/8 inch in diameter driven vertically until the top is 6 inches below the ground surface. A No. 6 solid copper conductor shall be clamped to the rod and to the fence in such a manner that each element of the fence is grounded. Installation of ground rods shall not constitute a pay item and shall be considered incidental to fence construction.

#### **METHOD OF MEASUREMENT**

Chain-link fence will be measured for payment by the linear foot. Measurement will be along the top of the fence from center to center of end posts, excluding the length occupied by gate openings.

### **TECHNICAL SPECIFICATIONS FOR CHAIN-LINK CANTILEVER SLIDE GATES**

#### **PART I GENERAL**

##### **1.01 SECTION INCLUDES**

This section shall consist of furnishing and erecting a chain link cantilever slide gate with all necessary accessories and hardware in accordance with these specifications and the details shown on the plans and in conformity with the lines and grades shown on the plans or established by the Engineer.

##### **1.02.1 MATERIALS**

- A. FABRIC.** The fabric shall be woven with a 9-gauge galvanized steel wire in a 2-inch mesh and shall meet the requirements of ASTM A-392, Class 2.
- B. BARBED WIRE.** Barbed wire shall be 2-strand 12-1/2 gauge zinc-coated wire with 4-point barbs and shall conform to the requirements of ASTM A-121, Class 3, chain link fence grade.
- C. POSTS, RAILS AND BRACES.** Posts, rails, and braces furnished for use in conjunction with zinc-coated, zinc-5% aluminum mischmetal alloy coated, or aluminum-coated steel fabric shall be of zinc-coated steel, zinc/polymer-coated steel, or zinc-5% aluminum

mischmetal alloy coated steel framework. Those furnished for use in conjunction with aluminum alloy fabric shall be aluminum alloy.

Support and latch posts, rails, and braces shall be galvanized steel pipe conforming to the requirements of ASTM F-1083.

Post, rails, and braces shall demonstrate the ability to withstand testing in salt spray in accordance with ASTM B-117 as follows:

Exterior: 1,000 hours with a maximum of 5% red rust.

Interior: 650 hours with a maximum of 5% red rust.

- D. CANTILEVER ROLLERS.** Cantilever rollers are to be constructed of hot dipped galvanized steel and equipped with grease fittings. The cantilever rollers are to be 4" x 2.5" in size. Each roller shall be equipped with a cantilever roller cover that is of steel construction and epoxy coated.
- E. GATE FRAME:** Gate frames shall consist of galvanized steel pipe and shall conform to the specifications for the same material under paragraph 162-2.3 of the CHAIN LINK FENCES specifications. The fabric shall be of the same type material as used in the fence.
- F. WIRE TIES AND TENSION WIRES.** Wire ties for use in conjunction with a given type of fabric shall be of the same material and coating weight identified with the fabric type. Tension wire shall be 7-gauge marcelled steel wire with the same coating as the fabric type and shall conform to ASTM A-824.

All material shall conform to Fed. Spec. RR-F-191/4.

- G. MISCELLANEOUS FITTINGS AND HARDWARE.** Miscellaneous steel fittings and hardware for use with zinc-coated steel fabric shall be of commercial grade steel or better quality, wrought or cast as appropriate to the article, and sufficient in strength to provide a balanced design when used in conjunction with fabric posts, and wires of the quality specified herein. All steel fittings and hardware shall be protected with a zinc coating applied in conformance with ASTM A-153. Barbed wire support arms shall withstand a load of 250 pounds applied vertically to the outermost end of the arm.
- G. CONCRETE.** Concrete shall be of a commercial grade with a minimum 28-day compressive strength of 3,000 psi.
- H. MARKING.** Each roll of fabric shall carry a tag showing the kind of base metal (steel, aluminum, or aluminum alloy number), kind of coating, the gauge of the wire, the length of fencing in the roll, and the name of the manufacturer. Posts, wire, and other fittings shall be identified as to manufacturer, kind of base metal (steel, aluminum, or aluminum alloy number), and kind of coating.

## PART II PRODUCTS

### 2.01 MANUFACTURER

- A. Products from qualified manufacturers having a minimum of 3 years experience manufacturing internal roller cantilever slide gate will be acceptable by the Engineer as

equal, if approved in writing, ten days prior to bidding, and if they meet all of the following specifications for design, size gauge of metal parts and fabrication.

- B. Obtain gates, including accessories, fittings, and fastenings, from a single source.

**2.02 CHAIN LINK CANTILEVER SLIDE GATES**

- A. Gate frames: Cantilever Slide Gate Frame shall conform to FDOT Index 453. Steel gate frame shall be fabricated prior to galvanizing, except that truss rods may be fabricated following frame galvanizing provided surfaces damaged during welding are galvanized in accordance with Section 24 of AASHTO M36; or, fabricated from pipe components with protective coating meeting the requirements of FDOT Index 452 that are tolerant of welding (low burn back), and a protective coating applied to the weld and damaged pipe surfaces that is equivalent to the protective coating of the fabricated pipe stock.

B.	Gate Opening	Gate Frame	Back Frame
	14'	14'-3"	6'
	16'	16'-3"	8'
	20'	20'-3"	10'

- C. Bracing: Provide diagonal adjustable length truss rods of 3/8" galvanized steel, in each panel of gate frame.
- D. Gate hangers, latches, brackets, guide assemblies, and stops: Malleable iron or steel, galvanized after fabrication. Provide positive latch with provisions for padlocking.
- E. Top and Bottom guide wheel assemblies: Each assembly shall consist of two top and two bottom guide wheel assemblies, 4-inch diameter hot dipped galvanized steel wheels, straddling top and bottom horizontal gate rail, allowing adjustment to maintain gate frame plumb and in proper alignment. Attach top and bottom guide wheel assemblies to each support guidepost.
- F. Support guideposts: Provide two support guideposts. Support posts are galvanized steel 4" OD schedule 40 pipe, ASTM F-1083, weighing 9.1 lb/ft.
- G. Latch Post: Provide one latch post. Latch post is galvanized steel 3" OD schedule 40 pipe, ASTM F-1083, weighing 5.79 lb/ft.
  - 1. Finish to match fence.

**PART III EXECUTION**

**3.01 EXAMINATION**

- A. Verify areas to receive gate is completed to final grades and elevations.
- B. Verify areas to assure sufficient space to receive gate in open position, (gate and overhang.)
- C. Ensure property lines and legal boundaries of work are clearly established.

**3.02 CHAIN LINK CANTILEVER SLIDE GATE FRAMING INSTALLATION**

- A. Install gateposts in accordance with manufacturers instructions.
- B. Concrete set gateposts: Drill holes in firm, undisturbed or compacted soil. Holes shall have diameter 18", and depths approximately 6" (152 mm) inches deeper than post bottom. Excavate deeper as required for adequate support in soft and loose soils, and for posts with heavy lateral loads. Set post bottom 3'-6" below surface when in firm, undisturbed soil. Place concrete around posts in a continuous pour, tamp for consolidation. Trowel finish around post and slope to direct water away from posts. Check each post for vertical and top alignment, and maintain in position during placement and finishing operations.

**3.03 GATE INSTALLATION**

- A. Install gates plumb, level, and secure for full opening without interference.
- B. Attach hardware by means that will prevent unauthorized removal.
- C. Adjust hardware for smooth operation.

**3.04 CLEANING**

- A. Clean up debris and unused material, and remove from the site.

**PART IV METHOD OF MEASUREMENT**

- 4.01 Chain link cantilevered slide gates will be measured as complete units installed.

**PART V BASIS OF PAYMENT**

- 5.01.1 Payment for chain link cantilevered slide gates will be made at the contract unit price for each slide gate installed.

The price shall be full compensation for furnishing all materials, and for preparation, erection, and installation of these materials, and for all labor, equipment, tools, and incidentals necessary to complete the item.

## TECHNICAL SPECIFICATIONS FOR Box Frame Cantilever Slide Gates

### PART I - GENERAL

#### 1.01 SECTION INCLUDES

This section shall consist of furnishing all labor, materials, inspections, supervision, etc., necessary for the complete installation and operation of aluminum cantilever slide gate(s) as shown on the plans and specified herein and in conformity with the lines and grades shown on the plans or established by the Engineer.

#### 1.02 MATERIALS

- A. The specified gate shall be fabricated from 6061-T6 or 6063-T6 aluminum alloy extrusions.
  - 1) Gate frame primary members (top and bottom) shall be fabricated from a shaped cross section member with no less than 2" on a side wide, weighing no less than 0.97 lbs/ft., and welded at frame corners so as to form a rigid unit.
  - 2) A framework of square tubing connecting the opposing gate faces and maintaining them in proper suspension and tension shall accomplish the essential box frame format. Connecting members shall be consistent with manufacture's specifications.
  - 3) Frame shall be fabricated to form a rigid box construction constructed with the width between the frames not to exceed 24".
  - 4) Intermediate vertical members shall consist of square tubing at a spacing not to exceed the overall height of the box frame. Vertical members shall be consistent with manufacture's specifications.
- B. Gate frames shall include diagonal cross-bracing of a minimum 3/16" diameter stainless steel aircraft cable installed in the vertical plane through the gate proper and the counterbalance to allow for upward or downward vertical cord adjustment throughout the gate, and to add further rigidity to the gate frame.
- C. The gate frame shall be fabricated in modular sections or in single units depending on size constraints then shop or field assembled for the specified opening.
- D. The gate frame shall have a separately extruded pair of enclosed tracks, of 6063-T6 or 6105-T5 aluminum alloy attached by factory welding. The tracks shall be constructed per standard manufacture's specifications.
  - 1) The tracks shall be affixed in parallel positions to the upper frame on opposing sides.
- E. The gate frame shall be supported from within the twin tracks by four (4) self-aligning, swivel ball-and-socket type truck assemblies having rubber-sealed lubricant ball bearing wheels.
  - 1) The truck assembly wheels shall be 2" in diameter by 9/16" in width and have an extended dynamic load rating of 4,000 pounds each.
  - 2) Two side-rolling guide wheels affixed to each truck shall be provided to ensure alignment of the trucks within the tracks
- F. A bottom guide assembly, consisting of a bracket to which one 3" to 3-1/2" diameter wheels shall be attached, shall be provided for each of the four gate erection posts. Bottom guide assemblies shall be attached to the posts and adjusted to maintain the gate in a plumb state by causing the gate to pass between the bottom guide wheel pairs.
- G. Drive rail shall be extruded 6061-T6 aluminum not less than 1/8" thick.

- H. A receiver latch/catch assembly with padlocking provisions shall be supplied.
- I. Chain link fabric shall be woven with be a 9-gauge galvanized steel wire in a 2-inch mesh and shall meet the requirements of ASTM-A-392, Class 2. Chain link fabric shall be installed within the vertical and horizontal members by means of fabric clips, adding rigidity to the gate frame.
- J. Barbed Wire shall be 2-stranded 12-1/2 gauge zinc-coated wire with 4-point barbs and shall conform to requirements of ASTM A-392, Class 2.
- K. Double support posts shall be 4" O.D. galvanized steel with concrete footings per plans.
- L. Concrete shall be of a commercial grade with a minimum 28-day compressive strength of 3,000 psi.

#### **1.04 SPECIAL WARRANTY**

- A. Provide manufacturer's limited warranty covering aluminum cantilever slide gate and accessories against failure resulting from normal use for period of 5 years from date of purchase. Failure is defined as any defect in manufacturing that prevents the gate from operating in a normal manner.

### **PART II - PRODUCTS**

#### **2.01 QUALITY ASSURANCE**

- A. Manufacturer: Products from qualified manufacturer having a minimum of three (3) years experience manufacturing box-frame cantilever slide gates of this magnitude. The manufacturer shall provide certification of factory pre-hanging, adjustment, testing of gate, and results of draw-force testing as quality assurance that the gate shall be hung plumb and straight and could be actuated as designed and specified at the time of manufacture, and that the gate has been tested and found to comply with ASTM F1184.
  - 1) Manufacturer shall provide certification of compliance with all applicable laws of domesticity.
  - 2) Obtain chain link fences and gates, including accessories, fittings, and fastenings, from a single source.
- B. Installer: The installer shall have a minimum of three (3) years installation experience of similar equipment.
- C. Procure all necessary and usual inspections and certificates for all work to be installed. Deliver same to Owner/Owners representative before final acceptance.

### **PART III - EXECUTION**

#### **3.01 EXAMINATION**

- A. Verify areas to receive gate are completed to final grades and elevations.
- B. Verify areas to assure sufficient space to receive gate in open position, (gate and overhang.)
- C. Ensure property lines and legal boundaries of work are clearly established.

#### **3.02 BOX FRAME CANTILEVER SLIDE GATE INSTALLATION**

- A. Install gate and gateposts in accordance with manufacturers instructions.
- B. Concrete set gateposts: Drill holes in firm, undisturbed or compacted soil. Holes shall be in accordance with manufacture's specifications and depths approximately 6" inches

deeper than post bottom. Excavate deeper as required for adequate support in soft and loose soils, and for posts with heavy lateral loads. Set post bottom 36" below surface when in firm, undisturbed soil. Place concrete around posts in a continuous pour, tamp for consolidation. Trowel finish around post and slope to direct water away from posts. Check each post for vertical and top alignment, and maintain in position during placement and finishing operations.

- C. Excavate, place concrete and install four (4) 4"OD schedule 40 galvanized steel posts welded into sets, with a third post or double-post set of 4"OD to be installed for the gate stop. Secure posts in footings as detailed and in accordance with the appropriate drawings.
  - 1). Install hanger brackets and guide roller assemblies attach truck assemblies to hangers and make final adjustments to align gate with latch.
- D. The gate and installation shall conform to ASTM F-1184 standards for aluminum cantilever slide gates, Type II, Class 2.
- E. Install gates plumb, level, and secure for full opening without interference.
- F. Attach hardware by means that will prevent unauthorized removal.
- G. Adjust hardware for smooth operation.

### 3.03 FIELD QUALITY CONTROL

- A. Test gate in conjunction with operator through ten full cycles and adjust for operation without binding, scraping, or uneven motion.
- B. Test gate in various safety detection conditions to confirm loop detection and photo beam devices work as anticipated. Confirm with Airport Operations and Field Inspector that adequate safety test conditions have been met.

### 3.04 CLEANING

- A. Clean up debris and unused material, and remove from the site.

## PART IV - METHOD OF MEASUREMENT

- 4.02 Aluminum cantilevered slide gates will be measured as complete units installed.

## PART V - BASIS OF PAYMENT

- 5.02 Payment for aluminum cantilevered slide gates will be made at the contract unit price for each slide gate installed or repaired.

The price shall be full compensation for furnishing all materials, and for preparation, erection, and installation of these materials, and for all labor, equipment, tools, and incidentals necessary to complete the item.

Payment will be made under:

**ITEM 18 or 19** Box Frame Cantilevered Slide Gate (60' W X 6' H) – per each

**TECHNICAL SPECIFICATIONS FOR  
PVC COATED CHAIN LINK FENCING AND GATES**

**PART I- GENERAL**

**1.01 INCLUDED IN THIS SECTION**

- A. This section shall consist of furnishing all labor, equipment and materials and in performing all operations necessary for installing a Polyvinyl Coated (PVC) chain link fence and accessories in accordance with these specifications and details as indicated on drawing files.

**1.02 QUALITY ASSURANCE**

- A. Chain link fencing shall be manufactured in accordance with the requirements of the Chain Link Fence Manufacturers Institute (CLFMI) Product Manual.
- B. Fence manufacturer shall have at least three (3) years of experience in the manufacture of vinyl-coated steel chain link fencing. The fence fabric, posts, gates, and all hardware shall be manufactured and supplied by a single manufacturer, to insure compatibility of all the fence elements and to define a single source responsibility.
- C. Installer shall have a minimum three (3) years installation experience of chain link fencing.
- D. Procure all necessary and usual inspections and certificates for all work to be installed. Deliver same to Owner/Owner representative before final acceptance.

**1.03 SUBMITTALS**

- A. Shop Drawings: Show fence layout, colors of PVC coated, post locations, gates, details illustrating fence height, gate width, size of posts, rails, braces, fittings, and hardware.
- B. Product Data: Submit catalog cuts and manufacturer's detail specifications.

**1.04 WARRANTY**

- A. Vinyl coated chain link fence systems shall be supplied with minimum ten (10) year factory warranty.

**PART II-PRODUCTS**

**2.01 GENERAL**

- A. Dimensions indicated for pipe are outside dimensions, exclusive of coatings.

**2.02 FENCE FABRIC**

- A. Fabric shall be PVC coated thermally fused and bonded to a primer which is thermally cured onto galvanized steel core wire conforming to ASTM F 668, Class 2. Minimum coating thickness shall be 0.007 in.

- B. Fabric shall be woven into 2 in. mesh of 9-gauge galvanized wire core with a minimum breaking strength of 1,290 lbs./ft. in accordance with ASTM F 668, Class 2. Coated wire size shall be 8 gauge (0.165 in.). Other gauges may be required as noted on the plans.
- C. Zinc for galvanized coating shall conform to ASTM b 6, galvanized by hot dipped method AISI Type 1, before vinyl coating; coating shall be smooth. Minimum weight of zinc coating shall be 1.2 oz. per sq. ft. (0.30 oz./ft.).
- D. Polyvinyl chloride coating shall meet the following requirements:
  - 1. Specific gravity shall be 1.30 maximum, tested in accordance with ASTM D 792.
  - 2. Hardness shall be a minimum Durometer reading of A 95 in accordance with ASTM D 2240. Ultimate elongation shall be 275% in accordance with ASTM D 412.
  - 3. Tensile strength shall have a test minimum of 3,300 p.s.i. in accordance with ASTM D 412.
  - 4. Vinyl shall be a dense and impervious covering free of voids, having a smooth, lustrous surface without pinholes, bubbles, voids, or rough or blistered surface.
  - 5. Fabric shall be knuckled at bottom selvage and twisted at top selvage.
- E. Fence fabric color shall be black.

### **2.03 FENCE POSTS, RAILS, BRACES, GATES, HARDWARE, AND ACCESSORIES**

- A. Except for Barbed Wire and Tension Wire the steel requirements stated under ITEM F-162 (CHAIN LINK FENCES) apply for Rails, Posts, Braces, Gates, Hardware and Accessories also applies for the PVC coated chain link fence materials.

### **2.04 TENSION WIRE**

- A. PVC-Coated Tension Wire shall be manufactured in accordance with ASTM 1664, which requires a heavy-duty 7-gauge, 0.177-inch metallic coated core wire having a breaking strength of 1,950 lbf. The PVC coating shall be Class 2 fused and bonded to metallic-coated steel wire.

### **2.05 BARBED WIRE**

- A. PVC-Coated Barbed Wire shall be manufactured in accordance with ASTM F 1665 which requires 2 strands of 14-gauge, 0.08 inch metallic coated core wire with four-point 14-gauge, 0.08 inch zinc coated barbs. The PVC coating shall be Class 2 fused and bonded to metallic-coated steel wire.

### **2.06 WIRE TIES**

- A. WIRE TIES: 11-ga. Galvanized steel or 11 ga. Aluminum wire, to match fabric core material.

### **2.07 CONCRETE**

- A. The concrete shall be commercial grade with a minimum 28-day compressive strength of 3,0000 p.s.i..

## 2.08 MARKING

- A. Each roll of fabric shall carry a tag showing the kind of base metal (steel, aluminum, or aluminum alloy number), kind of coating, the gauge of the wire, the length of fencing in the roll, and the name of the manufacturer. Posts, wire, and other fittings shall be identified as to manufacturer, kind of base metal (steel, aluminum, or aluminum alloy number), and kind of coating.

## PART III-EXECUTION

### 3.01 INSTALLATION

- A. **CLEARING FENCE LINE:** All trees, brush, stumps, logs, and other debris which would interfere with the proper construction of the fence in the required location shall be removed a minimum width of 2 feet on each side of the fence centerline before starting fencing operations. The cost of removing and disposing of the material shall not constitute a pay item and shall be considered incidental to fence construction.
- B. **INSTALLING POSTS:** All posts shall be set in concrete at the required dimension and depth and at the spacing shown on the plans.

**Posts should be spaced not more than 10 feet apart and should be set a minimum of 36 inches in concrete footings. If the frost depth is greater than 36 inches, the posts should be set accordingly. The posts holes shall be in proper alignment so that there is a minimum of 3 inches of concrete on all sides of the posts.**

The concrete shall be thoroughly compacted around the posts by tamping or vibrating and shall have a smooth finish slightly higher than the ground and sloped to drain away from the posts. All posts shall be set plumb and to the required grade and alignment. No materials shall be installed on the posts, nor shall the posts be disturbed in any manner within 7 days after the individual post footing is completed.

Should rock be encountered at a depth less than the planned footing depth, a hole 2 inches larger than the greatest dimension of the posts shall be drilled to a depth of 12 inches. After the posts are set, the remainder of the drilled hole shall be filled with grout, composed of one part Portland cement and two parts mortar sand. Any remaining space above the rock shall be filled with concrete in the manner described above.

In lieu of drilling, the rock may be excavated to the required footing depth. No extra compensation shall be made for rock excavation.

- C. **INSTALLING TOP RAILS:** The top rail shall be continuous and shall pass through the post tops. The coupling used to join the top rail lengths shall allow for expansion.
- D. **INSTALLING BRACES.** Horizontal brace rails, with diagonal truss rods and turnbuckles, shall be installed at all terminal posts.
- E. **INSTALLING FABRIC.** The wire fabric shall be firmly attached to the posts and braced in the manner shown on the plans. All wire shall be stretched taut and shall be

installed to the required elevations. The fence shall generally follow the contour of the ground, with the bottom of the fence fabric no less than 1 inch or more than 4 inches from the ground surface. Grading shall be performed where necessary to provide a neat appearance.

At locations of small natural swales or drainage ditches and where it is not practical to have the fence conform to the general contour of the ground surface, longer posts may be used and multiple strands of barbed wire stretched thereon to span the opening below the fence. The vertical clearance between strands of barbed wire shall be 6 inches or less.

Openings below the fence may also be spanned with barbed wire fastened to stakes.

- F. **ELECTRICAL GROUNDS:** Electrical grounds shall be constructed at 500-foot intervals. The ground shall be accomplished with a copper clad rod 8 feet long and a minimum of 5/8 inch in diameter driven vertically until the top is 6 inches below the ground surface. A No. 6 solid copper conductor shall be clamped to the rod and to the fence in such a manner that each element of the fence is grounded. Installation of ground rods shall not constitute a pay item and shall be considered incidental to fence construction.
- G. **TOUCH UP:**
1. Following installation, scratches and marred spots in galvanized surfaces shall be power wire brushed and painted with a cold-applied galvanized paint at a rate of 2 oz. zinc per sq. ft. of surface.
  2. Following installation scratches and marred spots in vinyl-coated surfaces shall be field coated with a vinyl coating supplied by the fence manufacturer.
- H. **CLEANING:** Clean up debris and unused material and remove from site.

#### **PART IV - METHOD OF MEASUREMENT**

- 4.01** PVC Coated Chain-link fence will be measured for payment by the linear foot. Measurement will be along the top of the fence from center to center of end posts, excluding the length occupied by gate openings.

Gates will be measured as complete units.

#### **PART V - BASIS OF PAYMENT**

- 5.01** Payment for PVC coated chain-link fence will be made at the contract unit price per linear foot.

Payment for driveway or walkway gates will be made at the contract unit price for each gate.

**The price shall be full compensation for furnishing all materials, and for all preparation, erection, and installation of these materials, and for all labor equipment, tools, and incidentals necessary to complete the item.**

**MATERIAL REQUIREMENTS**

ASTM A-121	Zinc-Coated (Galvanized) Steel Barbed Wire.
ASTM A-123	Zinc (Hot Galvanized) Coatings on Products Fabricated from Rolled, Pressed, and Forged Steel Shapes, Plates, Bars, and Strip.
ASTM A-153	Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
ASTM A-392	Zinc-Coated Steel Chain-Link Fence Fabric.
ASTM A-446	Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Structural (Physical) Quality.
ASTM A-491	Aluminum-Coated Steel Chain-Link Fence Fabric.
ASTM A-569	Steel, Carbon (0.15 Maximum, Percent), Hot Rolled Sheet and Strip Commercial Quality.
ASTM A-570	Hot-Rolled Carbon Steel Sheet and Strip Structural Quality.
ASTM A-572	High-Strength Low-Alloy Columbium-Vanadium Steels of Structural Quality.
ASTM A-585	Aluminum-Coated Steel Barbed Wire.
ASTM A-824	Metallic-Coated Steel Marcellled Tension Wire for Use With Chain Link Fence.
ASTM B-117	Standard Test Method of Salt Spray (Fog) Testing.
ASTM B-221	Aluminum-Alloy Extruded Bars, Rods, Wire Shapes and Tubes.
ASTM F-668	Poly (vinyl Chloride)(PVC)-Coated Steel Chain-Link Fence.
ASTM F-1083	Pipe, Steel, Hot-Dipped Zinc-coated (galvanized) Welded, for Fence Structures.
ASTM F-1183	Aluminum Alloy Chain Link Fence Fabric.
ASTM F-1234	Protective Coatings on Steel Framework for Fences.
Fed. Spec. RR-F-191/3	Fencing, Wire and Post, Metal (Chain-Link Fence Posts, Top Rails and Braces).
Fed. Spec. RR-F-191/4	Fencing, Wire and Post, Metal (Chain-Link Fence Accessories).



**QUESTIONNAIRE SHEET**

**PLEASE PRINT OR TYPE:**

Firm Name: \_\_\_\_\_

President: \_\_\_\_\_

Business Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

What was the last project of this nature that you completed?

The following are named as three corporations and representatives of those corporations for which you have performed work and which the City may contact as your references (include addresses and telephone numbers):

How many years has your organization been in business? \_\_\_\_\_

Have you ever failed to complete work awarded to you; if so, where and why?

The name of the qualifying agent for the firm and his position is:

Certificate of Competency Number of Qualifying Agent:

Effective Date: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Licensed in: \_\_\_\_\_  
(City/County)

Engineering Contractor's License # \_\_\_\_\_

Expiration Date: \_\_\_\_\_

**NOTE: A Broward County Engineering Contractor's License is required for working within public rights-of-way. Contractor must have proper licensing prior to submitting bid and must submit evidence of same with bid.**

**QUESTIONNAIRE SHEET**

2. Will you sublet any part of this work? If so, list the portions or specialties of the work that you will.

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

d) \_\_\_\_\_

e) \_\_\_\_\_

f) \_\_\_\_\_

g) \_\_\_\_\_

3. What equipment do you own that is available for the work?

--

**Pictures:**

**Police Station**



**Walker School**



**Pictures:**

**Carter Park**



**Building Services Center**



**Pictures:**

**Executive Airport**



**Pictures:**

**Batting Cage**



**fence installation and repair (2/6)**





PROJECT # (SERV. CONT.)  
 ANNUAL CHAIN-LINK &  
 PICKET FENCE INSTALL &  
 REPAIR SERVICE CONTRACT  
 FENCE & GATE DETAILS

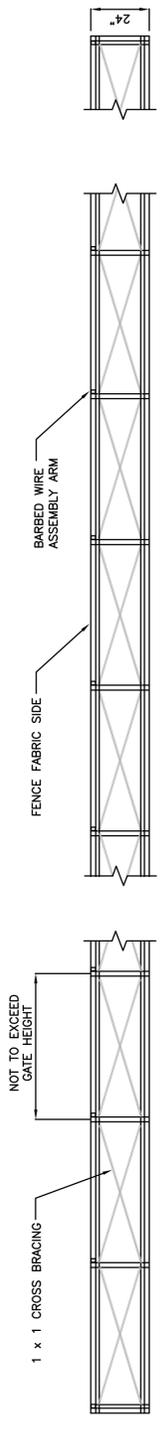
NO.	DATE	BY	CHK'D	DESCRIPTION

CITY OF FORT LAUDERDALE  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING DIVISION  
 FORT LAUDERDALE, FLORIDA

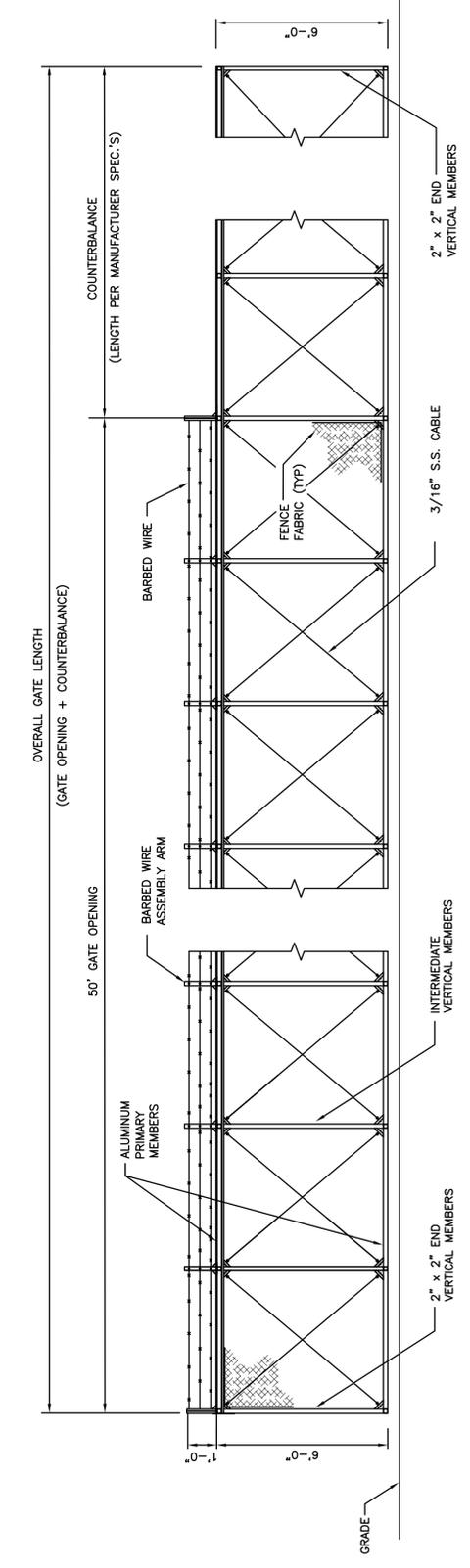
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 DRAWN BY: A.C.  
 DESIGNED BY: S.N.  
 DATE: 12/27/05  
 CHECKED BY: A.K.R.  
 FIELD BOOK: 0

FINAL APPROVAL  
 FLA. REG. ENG. NO. 48266  
 KARIM RAHMANKHAH

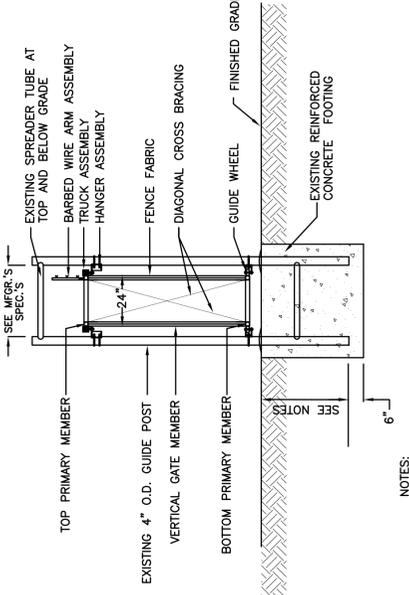
- NOTES**
- STANDARD FITTINGS ARE FOR 4" O.D. POSTS.
  - MOUNT HANGERS 4" BELOW FENCELINE. INSTALL TRUCKS IN HANGERS AND TIGHTEN LOCKNUTS. TRUCKS MUST BE LEVEL WITH EACH OTHER.
  - MOVE GATE TO FULLY CLOSED POSITION. PROP UP LATCH END TO MAKE GATE LEVEL. THEN TIGHTEN ALL CABLES STARTING AT THE HANGER POST END, UNTIL GATE LIFTS SLIGHTLY.
  - PLACE GATE IN FULLY OPENED POSITION AND PROP UP COUNTERBALANCE END UNTIL GATE IS LEVEL. TIGHTEN THE OPPOSING CABLES UNTIL THE GATE LIFTS SLIGHTLY.



PLAN VIEW (GATE ONLY)  
 N.T.S.

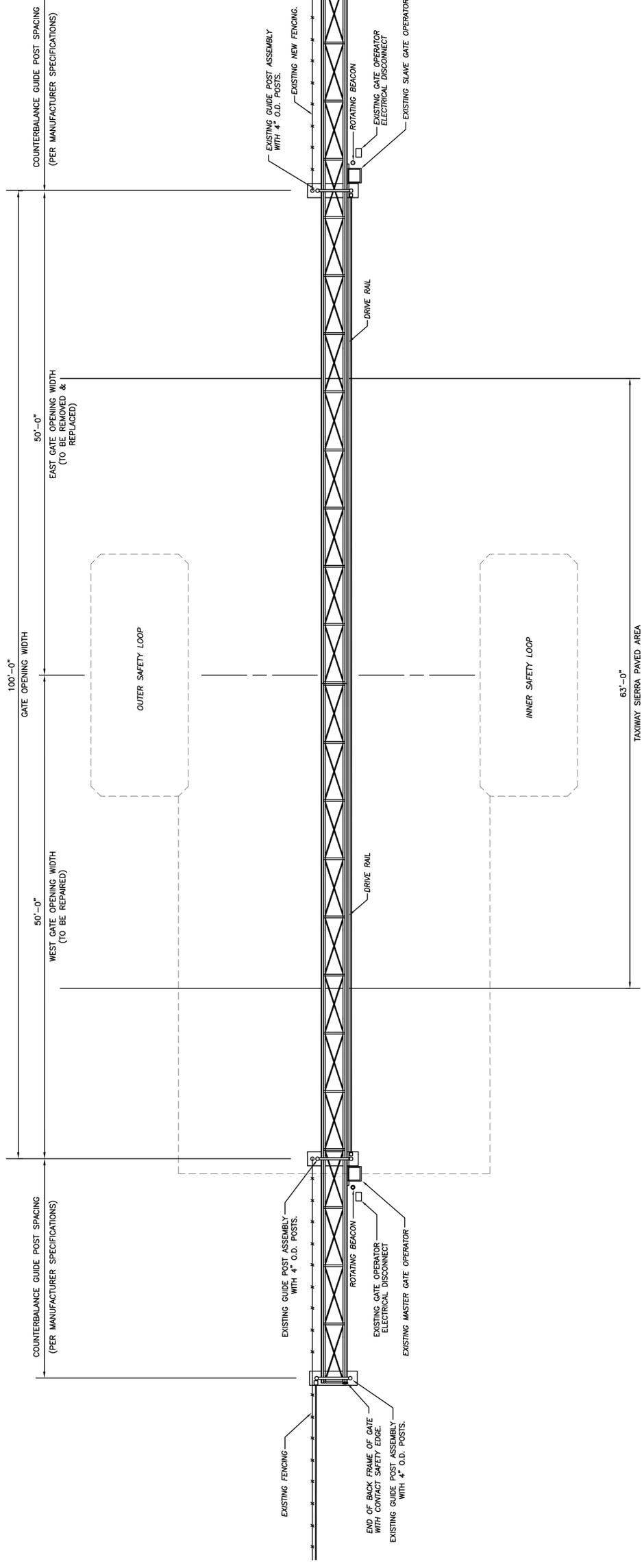


ELEVATION VIEW (EAST GATE SHOWN)  
 (POST SETS NOT SHOWN FOR CLARITY)  
 N.T.S.



**NOTES:**  
 PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE A SHOP DRAWING SUBMITTAL SIGNED & SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA, CONSISTING OF THE GATE SYSTEM DESIGN AND INSTALLATION.

END VIEW  
 (W/POST SETS)  
 N.T.S.



PLAN VIEW OF AIRCRAFT GATE OPERATOR AND SAFETY REQUIREMENT DETAIL  
 N.T.S.

63'-0"  
 TAXIWAY SIERRA PAVED AREA

**PROPOSAL SIGNATURE PAGE**

TO: The CITY of Fort Lauderdale, FL

The below signed hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the RFP. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the CITY and such acceptance covers all terms, conditions, and specifications of this proposal.

Proposal submitted by: \_\_\_\_\_  
(signature) (date)

Name (printed): \_\_\_\_\_ Title: \_\_\_\_\_

Company: (Legal Registration): \_\_\_\_\_

**(CONTRACTOR, IF FOREIGN CORPORATION, SHALL BE REQUIRED TO OBTAIN A CERTIFICATE OF AUTHORITY FROM THE DEPARTMENT OF STATE, IN ACCORDANCE WITH FLORIDA STATUE §607.1501 (visit <http://www.dos.state.fl.us/doc/>**

Address: \_\_\_\_\_

CITY: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

Does your firm qualify for MBE or WBE status In accordance with Section 1.08 of General Conditions?  
MBE  WBE

**ADDENDUM ACKNOWLEDGEMENT** - Proposer acknowledges that the following addenda have been received and are included in his proposal:

Addendum No. Date Issued

**VARIANCES:** State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of RFP, attachments or proposal pages. No variations or exceptions by the Proposer will be deemed to be part of the proposal submitted unless such variation or exception is listed and contained within the proposal documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your proposal complies with the full scope of this RFP.

Variances: