

BACKGROUND

1. The City of Ocala requires the services of an experienced vendor to provide fencing repairs, additions and new fence installation as needed.
2. All work performed will be on an as-needed basis.

EXPERIENCE REQUIREMENT

Experience Required: Bidder must provide a minimum of two (2) references whom they have performed similar services for within the past five (5) years.

INSURANCE REQUIREMENTS

1. **Commercial General Liability:** with limits of \$1,000,000 per occurrence/\$2,000,000 aggregate.
2. **Commercial Automotive Liability:** a combined limit of not less than \$1,000,000.
3. **Workers' Compensation and Employer's Liability:** per Florida statutory requirements.

CONTRACT TERM/DELIVERY TIMELINE

1. **Term:** The resulting contract will be for an initial term of three (3) years.
2. **Renewals:** Two optional, one (1) year renewal terms.
3. **Lead Time:** The maximum acceptable lead time on materials is two (2) weeks.

PROJECT SUMMARY, DELIVERABLES AND HOURS

1. **Project Fencing Specifications:** The Vendor will be required to provide the following fencing materials for the City of Ocala:
 - A. **Chain Link Fence Fabric (Galvanized)**
 1. Galvanized chain link fence fabric shall be zinc-coated steel conforming to the requirements of the American Society of Testing and Materials (ASTM) A 392.
 - a. The coated wire diameter shall be 9-gauge (0.148" 0.005").
 - b. The mesh size of the woven fabric shall be 2" 1/8".
 - c. The fabric height shall be 6'.
 - d. The zinc coating weight shall be Class One (1), not less than 1.2 oz/ft² of uncoated wire surface.
 - e. Fabric shall be supplied in rolls of not less than 50' (allowable variance -6").
 - f. Top Rail – 1-5/8" O.D. Spectra SS-40 Pipe, 1.83 lbs. per foot. Top rail 21' in length, joined with 1-5/8" sleeve.
 - g. Line Post – 2" O.D. Spectra SS-40 Pipe, 2.28 lbs. per foot. Line posts set 10' on center maximum spacing. Concrete footing – 6" diameter, 18" depth.
 - h. Terminal Post – 3" O.D. Spectra SS-40 Pipe, 3.12 lbs. per foot. Concrete footing – 6" diameter, 36" depth.
 - i. Fittings - regular brace band and carriage bolt, coated combo rail-end, steel loop cap, aluminum cap, 3/16" x 3/4" steel tension bar, regular tension band and carriage bolt.
 - j. Post Footing – All sections – posts pricing should include concrete.

B. Chain Link Fence Fabric (PVC Coated)- All items in this category must be vinyl coated. No powder coating will be accepted.

1. Polyvinyl Chloride (PVC) coated steel chain link fence fabric shall conform to the requirements of ASTM F 668.
 - a. The core wire diameter shall be 9-gauge (0.148" 0.005").
 - b. The PVC coating shall be Class 2a, extruded and adhered.
 - c. The fabric height shall be 6'.
 - i. The PVC color shall be as indicated and conform to ASTM F 934.
 - ii. Fabric shall be supplied in rolls of not less than 25' (allowable variance -3").
 - d. PVC coated steel in accordance with ASTM F 668.
 - e. Aluminum coated steel in accordance with ASTM F 491.
 - f. Fabric – 48" 6 GA Finish/9-gauge core., 2" Mesh KK
 - g. Top Rail – 1-5/8" O.D. Spectra SS-40 Pipe, 1.83 lbs. per foot. Top rail 21' in length, joined with 1-5/8" vinyl coated sleeve.
 - h. Line Post – 2" O.D. Spectra SS-40 Pipe, 2.28 lbs. per foot. Line posts set 10' on center maximum spacing. Concrete footing – 6" diameter, 18" depth.
 - i. Terminal Post – 3" O.D. Spectra SS-40 Pipe, 3.12 lbs. per foot. Concrete footing – 6" diameter, 36" depth.
 - j. fabric with 9 GA. Vinyl coated steel hog ring spaced 24" on center.
 - k. Fittings – Vinyl coated regular brace band and carriage bolt, vinyl coated combo rail-end, vinyl coated steel loop cap, vinyl coated aluminum cap, 3/16" x 3/4" vinyl coated steel tension bar, vinyl coated regular tension band and carriage bolt.
 - l. Post Footing – All sections – posts pricing should include concrete.

B. Framework

1. Framework shall be round tubular pipe in either of the following types:
 - a. Type I – Schedule 40 pipe conforming to the requirements of ASTM specifications F1083 and F1043 Group I-A, Type A, coating internal and external, minimum average zinc coating weight 1.8 oz/ft² of surface.
 - b. Type II – High strength pipe conforming to the requirements of ASTM specification F1043, Group I-C, heavy industrial, Type B or D internal coating. Type B external coating.
 - c. Framework for PVC coated chain link systems shall be either Type I, with supplemental PVC coating in accordance with ASTM 1043, or Type II, with supplemental polyester powder coating in accordance with ASTM F1043. Color shall be in accordance with ASTM F934.
 - d. Allowable variance for outside diameter (o.d.) wall thickness, and weight per foot shall be as required by ASTM specifications F1043 and F1083.
2. Framework shall be of the following dimensions for the corresponding fence height and use:

Fence Height (Ft)	Description	NPS* Size	Length of Post	Wall Thickness
6 ft.	Corner Line Top Rail	3 inches	9 ft.	0.216
		2 Inches	8 ft.	0.154
		1 5/8 inches	10 ft. max	0.140

***NPS: Normal Pipe Size**

C. Gates

1. Swing-gate frames shall be fabricated with 2" NPS galvanized pipe with the same specifications used for framework.
2. Contractor will use gate post size listed in accordance with the chart shown below.
3. Horizontal bracing is required for frames 6' or higher.
4. Vertical bracing is required for frames 12' and wider. Vertical braces shall have a maximum spacing of 8'.
5. Length of gate post shall be a minimum of 9' in length.
6. Fabric cover – The fabric used to cover the fence frame shall be the same type and quality as that used on the adjacent fence.
7. Gates – Single Swing Gate – Framework of 2" Spectra SS-40 pipe, 2.28 lbs. per foot.
8. Double Swing Gate – Framework of 2" Spectra SS-40 pipe, 2.28 lbs. per foot.
9. Gates braced and trussed as necessary. Same fabric as fence.
10. Gate Post – 4' Single Swing Gate – 3" O.D. Spectra SS-40 Pipe, Concrete footing – 6" diameter, 36" depth.
11. Double Swing Gate – 3" O.D. Spectra SS-40 Pipe, Concrete footing – 6" diameter, 36" depth.
12. Tension Wire – 6 GA. Vinyl Coated Coil Spring Tension Wire attached to bottom of fence.

Gate Height (Ft)	Gate Width (Ft)	Gate Post Size
6'	14' swing	6"
	12' swing	4"
	10' swing	4"
	8' swing	4"
	6' swing	4"
	4' swing	3"

D. Braces – Mesh Fabric Fencing (Galvanized or PVC coated)

1. Corner, end (terminal) gate and pull posts for chain link fence shall be braced with a brace assembly consisting of:
 - a. NPS 1-1/4 (1.660" o.d.) pipe brace rail; and
 - b. 3/8" truss rod with tightener; and
 - c. Other miscellaneous fittings to complete the installation.

E. Tension Wire

1. Metallic coated tension wire - tension wire, top and/or bottom, if required, shall be 7-gauge steel wire, and conform to ASTM A824, Type II, zinc coated.
2. PVC coated tension wire – tension wire, top and/or bottom, if requires, shall conform to ASTM F1664 with the PVC coating core wire be 9-gauge.

F. Tie Wire

1. Tie wire must be 9-gauge aluminum alloy wire spaced 15" on center for line posts and 24" on center for rails.
2. Tie wire - 8-1/2" 9 GA. Vinyl steel tie wire spaced 15" on center for line posts and 24" on center for rails.

G. Windscreen

1. Green and black.
2. Open mesh (70% blockage or greater).
3. Heavy duty vinyl-coated polyester.

H. HDPE Fence Slats

1. Multicolored w/ color pigments

I. Miscellaneous

1. Other miscellaneous fittings such as post caps, rail ends, braces and tension bands and other fittings as may be necessary to complete the installation, shall be of pressed steel or malleable iron and shall conform to the requirements of ASTM F 626.

J. Post Settings

1. All fence posts shall be set in concrete with no filler added according to the following schedule. Concrete holding each post shall be crowned away from post to shed water.
2. Post embedment is minimum depth and shall be measured from bottom end of post to ground level; Loop Caps shall be galvanized pressed steel.

Type of Post	Hole Diameter		Hole Depth		Post Depth of Concrete	
	(to 8')	(over 8')	(to 8')	(over 8')	(to 8')	(over 8')
Length of post						
Line	8"	12"	30"	48"	28"	46"
Terminal	12"	15"	38"	48"	36"	46"
Corner	12"	15"	38"	48"	36"	46"
Gate	Post diameter X 3		38"	48"	36"	46"

I. Decorative Aluminum Fencing

1. Upload manufactures catalog for aluminum fencing components.
2. Aluminum fencing must meet minimum specifications:

Industrial Grade Aluminum Fencing 6ft - 3-Rail Flush Bottom 8ft – 4 Rail Flush Bottom	
6ft & 8ft Pickets	1.0" x .1.0" x .060" wall
Stringers Side wall Top wall	1.5" x 1.5" 0.100" 0.070"
Posts 96" & 130"	2.5" x 2.5" x 0.075" walls
Gate Posts	4" x 4" x 0.125" wall 6" x 6" x 0.125" wall

Picket Spacing	4 7/8" on center
Spacing between pickets	3 7/8" air space
Height	72", 96"
Alloy	6105-T5-35,000 PSI

J. Bracing- Decorative Aluminum Fencing

1. Horizontal brace rails shall be provided on each terminal, corner and gate post and shall extend from these posts to the first adjacent line post. Diagonal brace (truss) rods shall extend back to the terminal, corner, or gate post and shall be furnished with a tighter or turnbuckle.
 - a. No brace is required for fabric heights of 6' or less where a top rail is used.
2. When a top rail is used, attach the brace at the halfway point above grade.
3. When a top rail is not used, attach the brace at the two-thirds point above grade.
4. Pull posts shall be used as breaks in vertical grades of 15" and at approximately 330-foot centers except that this maximum may be reduced on curves where the degree of curvature is greater than three degrees (3°). Pull posts shall be braced in both directions.

K. Installation Requirements

1. Installation shall be in compliance with all requirements and instructions of applicable manufacturer.
2. The Contractor shall visit job sites and be responsible for all field measurements and aware of job conditions.
3. Installation shall be done in a neat workman-like manner. The fence shall follow the natural contour of the ground (no gaps under fence) in a straight line from one point (corner) to another unless otherwise noted on the drawing. Fence posts shall be plumb and the top rails shall be attached in a manner that forms a smooth horizontal alignment.
4. Some repair jobs will be minimal and only require one (1) person. The City reserves the right to determine if a specific job warrants a one (1) or more person crew.
5. Installation of chain link fence shall be in accordance with ASTM F 567, and with the following:
6. Post spacing shall be spaced a maximum of 10'0" on center (o.c.). Terminal spans may be less, to a minimum of 7'0" in order to adjust line spans to even footage.
7. Post foundations (footings) shall be:
 - a. A minimum of 24" deep plus three inches for each increase in fabric height above 4'.
 - b. The diameter of the post foundation shall be four (4) times the post diameter.
 - c. The depth of the post hole shall be three (3) times the diameter of the post and the hole diameter shall be one-half (1/2) inch greater than the diameter of the post.
 - d. Gate post foundations shall be in accordance with ASTM F 567, Table 2.

L. Rail, Pedestrian and Bicycle

1. The work and materials specified under this Section shall be constructed in accordance with the Florida Department of Transportation (FDOT) Design Standards Index 800 Series for Fencing and Pedestrian Railing as further described in the line items of the "Rail Pedestrian and Bicycle" group.
2. Standards can be viewed at:

<http://www.dot.state.fl.us/rddesign/DS/12/Ser/FencingAndPedestrianRailings.pdf>

3. Work items include:
 - a. New – Rail, Steel or Aluminum, Various with Hardware – Includes all hardware, brackets, end caps, and incidentals necessary to install new designated rail. Measured per linear foot.
 - b. Replacement – Rail, Steel or Aluminum, Various – Includes the removal of and disposal of unsalvageable damaged rail and replacement with new designated rail and includes all necessary hardware. Measured per linear foot.
2. **Working Hours:** The normal working hours for this project are 7:00 AM – 5:00 PM Monday through Friday, excluding holidays. Vendor shall provide 48-hour advance notice to City Project Manager for work outside normal shift hours. The city may decline the request.

WRITTEN QUOTES

1. The Vendor shall submit a detailed written estimate of the proposed services prior to any work being performed by the Vendor. Written quotes shall be submitted within three (3) days of the initial request by the City. The Vendor shall submit an itemized not-to-exceed price, giving a full description of the project for each project covered by this contract.
2. Written quotes shall list the location name and address. The project estimate shall list each and every item per bid specifications, i.e., items and quantity, and all hardware items used. Each quote for new installation shall be submitted with a clear sketch or drawing indicating work being quoted showing distance, and direction and swing of any gates (if applicable).
3. Quotes will be submitted to the City Project Manager, Brian Herrick, via email bherrick@ocalafl.org.

VENDOR EMPLOYEES AND EQUIPMENT

1. Vendor must utilize competent employees in performing the work. Employees performing the work must be properly licensed or qualified as required by the scope/project.
2. The Vendor shall provide an assigned Project Manager, who will be the primary point of contact. Vendor must provide a valid telephone number and address at all times to the City Project Manager. The telephone must be answered during normal working hours or voicemail must be available to take a message.
3. At the request of the City, the Vendor must replace any incompetent, unfaithful, abusive, or disorderly person in their employment. The City and the Vendor must each be promptly notified by the other of any complaints received.
4. The employees of the Vendor must wear suitable work clothes and personal protective equipment as defined by OSHA. Employees shall be clean and in as good appearance as the job conditions permit.
5. Vendor will operate as an independent contractor and not as an agent, representative, partner or employee of the City of Ocala, and shall control their operations at the work site, and be solely responsible for the acts or omissions of their employees.
6. No smoking is allowed on City property or projects.
7. Vendor must possess/obtain all required equipment to perform the work. A list of equipment shall be provided to the City upon request.
8. All company trucks must have a visible company name/logo on the outside of the vehicle.

VENDOR RESPONSIBILITIES

1. The Vendor shall complete all work performed under this solicitation in accordance with policies and procedures of the City of Ocala and all applicable State and Federal laws, policies, procedures, and guidelines.
2. The Vendor shall obtain and pay for any and licenses, additional equipment, dumping and/or disposal fees, etc., required to fulfill this contract.
3. All furnishings and equipment shall be placed back in the original locations. All work areas must be returned to original condition. The contractor shall clean and remove from the premises, all surplus and discarded materials, rubbish, and temporary structures, and shall restore in an acceptable manner all property, both public and private, which has been damaged during the prosecution of work, and shall have the work in a neat and presentable condition. Any and all debris shall be removed from the premises, new construction debris, trash, etc. shall not be left or buried on site.
4. Vendor is responsible for any and all damages including but not limited to buildings, curbing, pavement, landscaping, or irrigation systems caused by their activity. Should any public or private property be damaged or destroyed, the Vendor at their expense, shall repair or make restoration as acceptable to the City of destroyed or damaged property no later than one (1) month from the date damage occurred.
5. Installation shall be done in a neat workman-like manner. The fence shall follow the natural contour of the ground (no gaps under fence) in a straight line from one point (corner) to another unless otherwise noted on the drawing. Fence posts shall be plumb and the top rails shall be attached in a manner that forms a smooth horizontal alignment.
6. Vendor shall be responsible for the provision of adequate and proper safety precautions for both the workers and all persons in or around the work area.
7. **Utility Locating:** The awarded contractor is responsible for contacting the utility location service and verifying completion of inspection prior to commencing work. Stipulations regarding entrance electrical service and rights-of-way are to be referred to the Director of the corresponding City of Ocala Department.
8. **Emergencies:** Any emergency situations must be reported immediately to the Stormwater Systems Manager, Brian Herrick (352) 351-6733. If a disaster occurs, the City of Ocala will be first priority for any emergency repair that may harm any person or property. The City Manager will determine what constitutes a disaster. The vendor must respond to a call for emergency work within two (2) hours.

SUB-CONTRACTORS

1. Vendor must perform a minimum of 70% of the work with their own forces.
2. Services assigned to sub-contractors must be approved in advance by the City Project Manager.

SAFETY

1. The Vendor shall be fully responsible for the provision of adequate and proper safety precautions meeting all OSHA, local, state, and national codes concerning safety provisions for their employees, sub-contractors, all building and site occupants, staff, public, and all persons in or around the work area.
2. In no event shall the City be responsible for any damages to any of the Vendor's equipment, materials, property, or clothing lost, damaged, destroyed or stolen.

3. Prior to completion, storage and adequate protection of all material and equipment will be the Vendor's responsibility.

WARRANTY

1. Vendor will provide a one-year unconditional material and labor warranty from the date of completion, against operational failure caused by defective material or workmanship which occurs during normal use or the manufacturer's warranty, whichever is greater.
2. If defects occur which are due to faulty material or service, the vendor, at their expense, shall repair or adjust the condition or replace material to the satisfaction of the City of Ocala.

INVOICING

1. All original invoices will be sent to: Brian Herrick, Project Manager, bherrick@ocalafl.org.
2. Vendor will invoice at least once a month.
3. Vendor will be given a coversheet for their invoice. This cover sheet must be filled out correctly and submitted with each invoice.

PRICING AND AWARD

1. Bidder must upload a completed Exhibit B - Price Proposal with their response.
2. Bidder must bid on all line items to be considered responsive
3. Bids will be received on a unit price basis. The City will pay Vendor only for the actual units that Vendor provides, installs, or constructs.
4. Sample project(s) will be used to determine the low bidder. The project(s) will be selected prior to the bid opening and will be revealed and made available to vendors at the bid opening. The award of this solicitation will be based on the bidder whose pricing has the lowest total cost for all the sample project(s) combined.
5. Award will be made to the lowest, most responsive bidder meeting all the requirements outlined herein.
6. Awarded Vendors shall comply with all applicable provisions of Section 787.06, Florida Statutes. Specifically, all non-governmental Vendors shall provide the City of Ocala with an affidavit signed by an officer or a representative under penalty of perjury attesting that the non-governmental entity does not use coercion for labor or services as defined in Section 786.06(2).
7. DUE TO THE CITY. Vendor must be current and remain current in all obligations due to the City during the performance of services under the Agreement. Payments to Contractor/Vendor may be offset by any delinquent amounts due to the City or fees and/or charges owed to the City.