



**Roanoke Regional Airport Commission
Invitation for Bid (IFB)**

20-018

“As-Needed/On-Call” Fencing Contractors

Date: October 14, 2020

Description: “As-Needed/On-Call” Fencing Contractors

Deadline for Bid Submittal: 2:00 P.M. November 3, 2020

Submission: Submit one (1) original and one (1) copy of the submittal and all other required documentation.

IFB: 20-018

IFB for: “As-Needed/On-Call” Fencing Contractor

Due: November 3, 2020

Time: 2:00 PM

Submit bids to the attention of:

Erin Henderson, Purchasing and Contracts Manager
Roanoke Regional Airport Commission
5202 Aviation Drive
Roanoke, VA 24012

Only packages received in the Commission’s Administration offices, second floor-Terminal Building prior to the date and time specified above shall be considered. Proposals received after the opening time and date will be returned unopened.

Obligation of Offeror: By submitting a proposal, Offeror covenants and agrees that it is satisfied from its own investigation of conditions to be met, that it fully understands the obligation and that it will not make any claim for, or have right to cancellation or relief from the resulting contract, because of any misunderstanding or lack of information.

Offeror further agrees that conditions herein have been carefully read and this proposal is submitted subject to all requirements stated herein. The undersigned hereby acknowledges and agrees, if this proposal is accepted, to furnish all services agreed upon in strict accordance with the contract.

PURPOSE

The Roanoke Regional Airport Commission (Commission) is seeking sealed bids to establish contracts with FENCING CONTRACTORS (Contractor) in the performance of “as needed/on-call” fencing services. Commission makes no guarantee of the amount of work to be performed under the resulting contract(s). Services will be requested by Commission on an as-needed basis.

Commission intends to award contract to more than one Contractor. Commission’s award of a contract(s) will not entitle Contractor to perform all projects for Commission. Instead, it will entitle Contractor, when requested by Commission, to submit a price quote on a specific project. Commission may obtain quotes during the course of the Contract from one or more Contractors awarded a contract as a result of this RFP.

Contract(s) shall be for one (1) year with two (2) additional one (1) year terms.

Individual projects awarded under this contract shall not exceed \$100,000 per year.

CONTRACTOR DATA

Name and Address of Firm:

_____ Date: _____

By: _____
Signature Print Name

Telephone/Cell Phone: _____

Email: _____

FEI/FIN Number: _____

Contractor Licensing Requirements:

A minimum of three (3) years' experience and licensed by the State Board of Contractors in Virginia as a Class A Contractor.

Licensed Contractor's Name _____

Class _____

License Number _____

Expiration Date _____

State Corporation Commission (SCC) Number: _____

(Doing Business in Virginia)

Contractor must be licensed to do business in the Commonwealth of Virginia with the State Corporation Commission (SCC) at the time of proposal submittal.

Sub-Contractor Names and Information and Work to be Performed (if used); you will be required to provide full information (social security numbers, licenses, and any other information requested by Commission) for each sub-contractor you have listed:

NAME CELL PHONE
1. _____

Work to be performed: _____

NAME CELL PHONE

2. _____

Work to be performed: _____

3. _____

Work to be performed: _____

4. _____

Work to be performed: _____

5. _____

Work to be performed: _____

(Use additional sheets of paper if more needed)

Years in Business and References

Contractor certifies that they have provided complete fence installation, maintenance, repair and rental listed in this solicitation for a period of three (3) years. Demonstrated experience in general construction services, primarily fencing experience, including the capability and capacity in all respects to fully satisfy the requirements herein. Experience working with governmental entities is desired not required.

Contractor will furnish the names, addresses and telephone numbers of a minimum of three firms or governmental organizations for which the Contractor is currently furnishing or has furnished, completed service for fence installation, maintenance, repair and rental.

Company Name _____

Address _____

Reference _____

Telephone Number _____

Email address _____

Company Name _____

Address _____
Reference _____
Telephone Number _____
Email address _____

Company Name _____
Address _____
Reference _____
Telephone Number _____
Email address _____

Acknowledge Receipt of: Addendum 1 _____
 Addendum 2 _____

Submit with you Bid the following:

_____ Certification of Non-Collusion
_____ Contractor Data Sheet
_____ W-9
_____ ACH form and voided check
_____ Doing Business in Commonwealth
_____ Bidder Certification of Licensure and Licensure of Sub-
Contractors
_____ Workers' Compensation Certificate of Coverage
_____ Copy of Contractor's License

The forms can be found as Attachments to the IFB.

GENERAL REQUIREMENTS

1. The Commission reserves the right to waive any informalities in any bid to reject any or all bids should said action be deemed to be in the best interest of the Commission.
2. Bids shall be valid for 60 days. Within sixty (60) consecutive calendar days after the Bid Opening date, the Commission may give written Notice of Bid Acceptance. The successful Bidder shall be required, within ten (10) business days, after the receipt of the Notice of Bid Acceptance to execute the Contract and furnish the Commission with proof of required Worker's Compensation and other insurance coverage(s).

3. The bid shall not be final and effective, nor the Commission legally bound, until the fully executed contract is returned to the successful bidder(s).
4. The scope of work, including the detailed specifications and other requirements, terms and conditions which will be imposed on the successful bidder(s) are included in the proposed Contract.
5. The Bidders must submit its bid on the bid forms contained herein, no other form(s) are acceptable. All blank spaces on the bid forms must be correctly and completely filled in, where indicated, in ink or type written, except that all signatures shall be signed in ink by an official of the firm who is authorized to submit the bid.
6. No bid will be received and tabulated or considered, nor any contract awarded, unless the bidder has demonstrated in the bid form that it is properly licensed as a Contractor, as required under the Code of Virginia (1950), as amended. Submit a copy of License with bid.
7. Each bidder shall complete and submit with its bid, the name of and the work to be performed, if any, by each sub-contractor.
8. All bids and any accompanying or related information submitted to the Commission will become the property of the Commission and will not be returned. Trade secrets or proprietary information submitted by a bidder may not be subject to the Virginia Freedom of Information Act (Section 2.2-3700 et. seq.), provided that the bidder: (i) properly invokes the protections of the applicable sections of the Virginia Code, as amended, including without limitation, Virginia Procurement Code Section 2.2-4342 for trade secrets or proprietary information prior to or upon submission of the data or other materials to be protected; (ii) clearly identifies the data or other materials in the proposal to be protected; and, (iii) states in writing the reasons why protection is necessary.
By submitting a bid, the submitting entity consents and agrees that, notwithstanding any express or implied claim of copyright, any and all documents and materials submitted to the Commission shall be the exclusive property of the Commission and are not subject to copyright and, as such, may be copies; however, the release of such documents shall be governed by applicable law, including, without limitation, the Virginia Freedom of Information Act.
9. The Commission is exempt for all state and local taxes.
10. This procurement is subject to and governed by the small purchase provision of the Virginia Public Procurement Act, as amended, as modified by the Roanoke Regional Airport Commission Procurement Regulations, as amended, which are incorporated by reference herein.

11. "The Roanoke Regional Airport Commission does not discriminate against faith-based organizations."

SCOPE OF WORK

The awarded Contractor(s) shall provide all supervision, labor, tools, materials, supplies, parts, equipment, transportation, record documentation, and other associated work and responsibilities necessary to replace, furnish and install, and/or repair chain-link, and TREX for the Roanoke Regional Airport Commission on an “as-needed” basis, in accordance with the provisions and specifications contained herein.

Item 1-CHAINLINK FENCING SPECIFICATIONS

A. Description

This work shall consist of constructing and/or repairing of chain-link fences at various Airport locations and must be in accordance with the provisions and specifications contained herein as well as individual project drawings(s). When installation procedures are not covered within these specifications, standard details, special provisions, plans or other documents, installation will comply with ASTM F-567.

B. Posts, Rails and Braces – Commercial Application

All posts, top rails and braces shall be Schedule #40 pipe, hot-dipped, zinc coated (galvanized) seamless pipe. All pipe used in construction must meet the requirements of ASTM-A-120.

Line Posts	For fabric 5' or less	1-7.8" o.d.	2.72 # l.f.
	For fabric 6' or more	2-3/8" o.d.	3.65 # l.f.
End & Corner Posts	For fabric 5' of less	2-3/8" o.d.	3.65 # l.f.
Slide Gate Posts	For fabric 6' or more	2-7/8" o.d.	5.79 # l.f.
Swing Gate Posts (all heights)	Leaves up to 6' wide	2-7/8" o.d.	5.79 # l.f.
	Leaves over 7' to 12' wide	4" o.d.	9.10 " l.f.
	Leaves over 12' wide	6-5/8" o.d.	18.97 # l.f.
Top Rail, Braces	As required	1-5/8" o.d.	2.27 # l.f.
Gate Frames	Leaves up to 6' wide	1-5/8" o.d.	2.27 # l.f.

C. Fabric for Light Commercial Application

Chain-link fabric shall be woven 2" mesh and 11 gauge; or, 2-1/8" mesh and 11 ½ gauge. Fence height may vary from three feet to six feet. Top and bottom salvage shall have knuckled or twisted finish. Fabric must be coated by the hot-dipped process after weaving. Fabric shall meet the requirements of ASTM-A 392.

D. Fittings

All fittings shall be pressed steel or malleable iron. No aluminum fittings shall be used.

E. Concrete

Concrete shall be Class C with a minimum 2500 psi or greater and crowned to shed water.

F. Tension Wire, Ties, Etc.

Tension wire shall be made of 7-gauge coil spring. Ties should be 11-gauge steel.

G. Gates

Gates shall be installed at the locations and swing in the direction, as per the Commission's request.

H. Gate Construction

1) Frames

Galvanized steel gate frames shall be constructed of round members welded at all corners.

Welds shall be painted with zinc base paint such as ZRC. Each gate leaf shall have one (1) horizontal center brace. Vertical interior bracing shall be installed as required, so spaced that no members are more than 8' apart. Gate leaves 10' or more shall have a horizontal brace and one 3/8" diagonal galvanized steel truss rod. Fabric for the gates shall be same as specified for the fence and shall be attached securely inside gate frame on both sides by means of tension bars and tension galvanized ties at intervals not to exceed 15".

2) Hinges

Gate shall have 180-degree swing. Post and gate hinges shall be of galvanized steel heavy pattern of adequate strength for the gate and with large bearing surfaces for clamping or bolting in position. The hinge action shall be such that gates may be opened and closed easily by one person. Hinges shall either of such construction or positioned such that the gates may not be lifted off the hinges.

3) Latches, Stops and Keepers

All latches shall be of galvanized steel. Single gate latches may be of fork-type or plunger bar-type of full gate height. Latches for double drive gates shall be combination fork-type latch and center drop rod or the plunger bar-type of full gate height, arranged to engage the gate stop or a positive locking gravity device. Locking devices shall be designated in such a manner so that the center drop rod or plunger bar cannot be raised when locked. A 7 1/8" diameter malleable iron gate center stops shall be provided for all double drive gates and shall have a device arranged to be set-up concrete or with anchors for the center drop rod or plunger bar. Drop rod holders set below grade will not be accepted. Where required, contractor shall provide 2 3/8" o.d. x 4" high gate lock posts for locking gates in the open position.

4) Locking

All gates shall have provisions for locking by use of padlocks. Most holes required will be a minimum of 3/8" in diameter. Gate assemblies shall not require use of chains to secure the gate.

5) Vehicle Gates

Vehicle drive gates exceeding 18' shall have one semi-pneumatic rubber wheel per gate having a diameter of 9" and a minimum tread width of 1 3/4". The wheel shall have a zerk fitting for greasing. Wheel axles shall have a minimum diameter of 4/8" and be run in 1"x2" steel tubing. The entire wheel assembly shall be firmly braced to prevent twisting.

6) Barbed Wire

Barbed wire shall be installed on the fence only when specifically required by the plans or special provisions.

I. Installation for Commercial & Light Commercial Application

1) Post Setting Installation

All post must be set in concrete as follows:

Diameter	Depth	Embedment	Post
8"	32"	30"	Line
12"	36"	34"	End, Corner, Gate
12"	42"	40"	6-5/8" Gate Post

- a. All posts shall have concrete domed to shed water.
- b. All posts shall be set 10" on center when practical.
- c. All posts shall be set plumb, in line and to correct height.
- d. A corner post shall be required when line of fence, direction changes, or line of grade where angle of deflection is, 30 degrees or more.
- e. All posts required with a cap or eyetop.
- f. All posts set in existing concrete slabs shall be set in 8" CORE DRILLED hole and set to a depth of 24".
- g. The 6-5/8" gate posts shall set in existing concrete slabs to be set in a 12" square SAW CUT to a depth of 42".

2) Fabric Installation

- a) Fabric shall be placed on outward facing side of the posts as directed by the Commission representative. The fabric shall be installed so that the top edge projects above the top rail of the fence to form a knuckled or barbed projection.
- b) Fabric shall be stretched tight, approximately 2" above the ground from terminal posts and shall be fastened on the side of line posts.
- c) Fabric shall be fastened to line posts by ties spaced at intervals of not more than 14" and 24" for top rail. The fabric shall be cut and fastened to each terminal post independently by tension bar with bands at 14" intervals.
- d) If a tension wire is used in place of a top rail and/or at bottom of the chain-link, this shall be fastened by means of hog rings made of 12-gauge steel wire or 9-gauge zinc coated wire, spaced approximately 24" apart.
- e) Fabric rolls shall be joined by a single strand of fabric to form a continuous fence line.

3) Top Rail Installation

a) Top rails shall be in lengths of not less than 18' and coupled together by use of a 6" long sleeve.

b) Fences with fabric 6' or higher shall be braced as follows:

(1) At every End, Corner, or Gate Post, there shall be a brace positioned midway between the top rail and ground level extending from the Terminal Post to the adjacent post.

(2) There shall be a 3/8" galvanized adjustable truss rod assembly running diagonally from the end of the brace to the bottom of the terminal post. Corner posts require double brace and truss assembly.

(3) Unless otherwise specified, all fencing shall be installed with a top rail and a bottom tension wire and the post tops shall be secured to the post by bolts and rivets. When top rail is omitted, a top and bottom tension wire shall be used.

(4) The fabric shall be fastened to end, corner, slope and gate posts with 3/16 inch by 3/8 inch high carbon steel tension bars and not less than 12 gauge x 1 inch steel tension bar bands spaced at 16 inch intervals; and to the line posts; top rail and tension wire with 11 gauge or heavier tie wires or metal bands. Tie wires or metal bands shall be placed on line posts at intervals of approximately 16 inches, and on top rail and tension wire at intervals of approximately 18 inches.

4) Welding and Repair of Damaged Coating

If any welding is used in the fabrication of the fencing, all surplus weld metal should be removed; the weld shall be ground smooth and brushed cleaned, then painted with zinc-rich paint such as ZRC. Repairs shall be abraded or otherwise, and zinc coating shall be made in a similar manner.

5) Fabrication and Workmanship Installation

Fabrications and installation of materials furnished and installed under this section shall be first-class and show carefully finished workmanship in all aspects as to the acceptable methods within the industry.

6) Site Clean-Up Installation

The construction site shall be cleaned-up and all accumulated debris removed by the Contractor on a daily basis.

Item 2-TREX FENCE SPECIFICATIONS

Contractor shall replace and/or repair “like-for-like”. Bidder must provide hourly labor and cost + percent of mark-up not to exceed 10%.

GENERAL PROCEDURES

A. RESPONSE TIME

- 1) New Fencing: The Commission representative shall notify the Contractor of service required by telephone then schedule a site inspection within three (3) business days. The Contractor shall respond to the Commission’s Director of Facilities and Grounds or his designee request for a new construction by preparing a drawing with pertinent facts including an estimate of the new fencing. The estimate should be forwarded to the requestor within ten (10) days of the site inspection.
- 2) Fence Repair: The Contractor shall respond to Commission’s request for fence repair the same day of the request. The Contractor should immediately schedule a site inspection, then prepare the estimate and forward it by email to JayB@flyroa.com within three (3) business days.

B. SITE INSPECTION

Contractor shall determine the: exact linear footage, number of gates, need for temporary fencing, and time frame of job completion, at the site inspection. Contractor shall report inconsistencies before providing an estimate. Total price shall not include taxes-Commission is tax exempt. Contractor shall submit the written quotation per the unit prices offered. City acceptance of the quotation must be in writing.

C. COORDINATION

Contractor shall coordinate all jobs with the Commission representative or project coordinator.

D. START-UP OF NEW FENCING

Contractor shall notify the Commission representative at least five (5) days in advance of starting new fencing projects. Contractor shall start new fence construction jobs within two (2) weeks of notice to proceed, or as agreed upon with Commission representative.

E. TIME FRAME OF REPAIRS

Contractor and Commission representative shall mutually agree upon a schedule for fence repairs. All fence repairs must be started within five (5) days of request.

F. CONTINUOUS PROJECT

Once the project starts, the Contractor shall continue work every business day until the project is complete.

G. CONFLICTS BETWEEN SPECIFICATIONS AND COMMISSION REPRESENTATIVES

This section is intended to be universal in application. Accordingly, where a modification is necessary, the Commission representative shall put the modification request in writing. Where a conflict exists between the specifications and the drawing, the drawing supersedes the specifications.

H. DEMOLISH/REPLACEMENT

- 1) Contractor shall dismantle, remove and haul away existing fencing made of wood, TREX, chain-link or other materials as required.
- 2) Temporary Fencing: If necessary, as authorized by the Commission Representative, the Contractor shall secure the area with temporary fencing.

I. MEASUREMENTS

Chain link fence shall be measured on the fence line along the bottom strain wire from center to center of end posts, deducting the widths of gates and openings.

J. UTILITIES MARKING

Prior to commencement of any project, Contractor shall locate and verify all underground utilities within the area of Work.

K. PERMITS

Contractor shall be responsible for procuring any required permit(s).

L. DAMAGES

Contractor shall repair, at Contractor's cost, any damage caused by construction to include, but not limited to utilities, electric, gas, CCTV, plumbing, sprinkler irrigation system, telephone concrete, finish grade, ground cover, and any situation relating to the original condition of the site.

M. ROANOKE CITY BUILDING CODE

All aspects of the construction shall comply with applicable provisions of the City of Roanoke Building Code.

N. CODE PRECEDENCE

Where national or local codes conflict with above specifications, the more stringent code shall be followed.

O. UNIT PRICING

- 1) The unit bid prices per linear foot for chain-link fences shall include furnishing of labor, materials, tools and equipment involved in constructing the fence, as specified herein and on the plans.

Gates will be paid for at the unit price bid for each size of gate required by the plans or special provisions. The price shall include full compensation for furnishing the gates, together with all necessary gate posts, fittings and hardware, and all the work involved in installing the gates complete in place as specified. If double gates are required, each double gate will be paid for at the unit price bid and such unit price shall include furnishing and installing both leaves.

- 2) Full compensation for clearing the line of the fence and disposing of the resulting material, excavating high points in the existing ground between the posts, excavating and furnishing and placing concrete footings, connecting new fences to structures and existing fences, and any other related work shall be considered as included in the price bid per linear foot of fence and no additional allowance will be made.
- 3) Approved fence repairs will be paid in accordance with the unit price for on-site labor rates of one crew with a truck, additional laborer(s), plus the cost of materials allowed in the pricing schedule. A crew is defined as two laborers, one of which is also the driver.

The undersigned hereby proposes and agrees, if this Bid is accepted, it will contract with the Roanoke Regional Airport Commission to furnish and provide all supervision, labor, materials, tools, equipment, services, out of pocket costs and other incidentals for the provision of "as-needed"/"on-call" fencing services as required in accordance with the Bid Price Schedule, the Instructions to Bidders, the Proposed Contract and any Addenda to the Invitation for Bids as prepared by the Roanoke Regional Airport Commission.

BID PRICE SCHEDULE

CHAIN LINK FENCING

Item Number	Description	Unit Price (do not include tax)	Total Price (do not include tax)
Fencing per Light Commercial Specifications			
2" mesh and 11-gauge wire			
1	3 foot high	\$ / linear foot	\$ /linear foot
2	4 foot high	\$ / linear foot	\$ /linear foot
3	5 foot high	\$ /linear foot	\$ /linear foot
4	6 foot high	\$ /linear foot	\$ /linear foot
Fencing per Light Commercial Specifications			
2-1/8" mesh and 11.5-gauge wire			
5	3 foot high		
6	4 foot high		
7	5 foot high		
8	6 foot high		
9	Triple angle barb wire		
10	Aluminum slats		
11	Vinyl slats		
Gates -Commercial		<u>Swing</u>/Linear Foot	Extended Price
Height/Linear Foot			
12	6 foot		
13	7 foot		
14	8 foot		
15	10 foot		
16	12 foot		
Gates – Commercial		<u>Slide</u> /Linear Foot	Extended Price
Height/Linear Foot			
17	6 foot high		
18	7 foot high		
19	8 foot high		
20	10 foot high		
21	12 foot high		

Description		Unit Price	Extended Price
Gates – Light Commercial 2" mesh and 11-gauge wire Height/ linear foot		<u>Swing</u> /Linear foot	
22	3 foot high	\$ /linear foot	\$ /linear foot
23	4 foot high	\$ /linear foot	\$ /linear foot
24	5 foot high	\$ /linear foot	\$ /linear foot
25	6 foot high	\$ /linear foot	\$ /linear foot
Gates-Light Commercial 2" mesh and 11-gauge wire Height/linear foot		<u>Slide</u> /Linear Foot	Extended Price
26	3 foot high	\$ /linear foot	\$ /linear foot
27	4 foot high	\$ /linear foot	\$ /linear foot
28	5 foot high	\$ /linear foot	\$ /linear foot
29	6 foot high	\$ /linear foot	\$ /linear foot
Gates-Light Commercial 2-1/8" mesh and 11.5-gauge wire		<u>Swing</u> /linear foot	Extended Price
30	3 foot high	\$ /linear foot	\$ /linear foot
31	4 foot high	\$ /linear foot	\$ /linear foot
32	5 foot high	\$ /linear foot	\$ /linear foot
33	6 foot high	\$ /linear foot	\$ /linear foot

Gates-Light Commercial 2 1/8" mesh and 11.5 – gauge wire		<u>Slide</u>/linear foot	Extended Price
34	3 foot high	\$ /linear foot	\$ /linear foot
35	4 foot high	\$ /linear foot	\$ /linear foot
36	5 foot high	\$ /linear foot	\$ /linear foot
37	6 foot high	\$ /linear foot	\$ /linear foot
GATE ACCESSORIES			
38	Track and Accessories for Roll or Slide Gate including wheel-commercial only	\$ /linear foot	\$ /linear foot

Total Price for Items 1-38 _____

TREX FENCING

Item Number	Description	Unit Price (do not include tax)	Total Price (excluding tax)
1	Provide and install 8' high TREX	\$ /linear foot	\$ /linear foot
2	Provide and install 8' high TREX gate with center mounting post and two latches	\$ /linear foot	\$ /linear foot

Total price of Items 1 and 2 _____

LABOR RATES

Item Number	Description		Total Price (do not include tax)
1	On-site Labor Rate-Normal Hours 6:30 am to 5:00 pm M-F Holidays excluded	Routine: One crew with truck	\$ /hour
2		Routine: Additional person with Commission approval	\$ /hour
3		Urgent: One crew with truck	\$ /hour
4		Urgent: Additional person with Commission approval	\$ /hour
5	On-site Labor Rate-After Hours 5:00 pm to 6:30 am Weekends and holidays	Routine: One crew with truck	\$ /hour
6		Routine: Additional person with Commission approval	\$ /hour
7		Urgent: One crew with truck	\$ /hour
8		Urgent: Additional person with Commission approval	\$ /hour
9	Welder, as-needed, on-site labor		\$ /hour
10	Backhoe services for tree, plant or obstruction removal		\$ /hour

ANCILLARY ITEMS

(Price to include labor, materials and equipment)

11	Demolition, removal and disposal of TREX fencing		\$ /linear foot
12	Demolition, removal and disposal of chain-link fencing		\$ /linear foot
13	Temporary security fencing in minimum 6' sections		\$ /linear foot
14	Post hole hard dig		\$ /each
15	Jackhammering		\$ /hole
16	Concrete removal, replace		\$ /yard
17	Asphalt removal, replace		\$ /yard
18	New concrete		\$ /yard
19	Provide and install new V-track	1) Bolt down 2) Set in concrete	\$ /linear foot
20	Ancillary parts	Percent off catalog pricing	%

Emergency Twenty-Four (24) Hour Service:

Emergency 24-hour service is to be provided by Contractor at no additional cost. The Contractor will provide an emergency contact person with phone number, who is authorized to release material to the Commission during non-business hours, in the event of an emergency repair requirement. A representative required to respond within (2) hours for emergency security fence repairs. Any changes in contacts must be promptly submitted to Commission.

Name _____

Cell phone number _____