



Department of Recreation, Parks and Open Space Division of
Open Space, Planning and Development
401 Monticello Street, Norfolk, VA 23505
(757) 823-4291; Fax (757) 823-4385

City of Norfolk Dog Park Criteria

Statement of Purpose

The purpose for developing off-leash dog park guidelines is to preserve within the City of Norfolk's park's system a pleasant experience for all park users and provide safe places where residents and visitors can bring their dogs for off-leash exercise. Any parks created for this purpose will be referred to as City Dog Parks. The specific goals of this policy are to:

- Establish guidelines for the creation and operation of off-leash exercise spaces for large and small dogs within Norfolk's active and passive neighborhood parks, large neighborhood medians as listed in Norfolk's Recreation Master Plan as well as potential surplus city property;
- Develop design guidelines for the implementation of new dog parks; and
- Establish rules for the operation and management of off-leash dog parks that are part of this public-private partnership.

Criteria for a Civic League to form a public-private partnership for the Establishment of a Dog Park

To ensure a formal organizational structure in support of the ongoing sustainability of dog parks established through public-private partnership in the City of Norfolk, the criteria for a civic league to establish a dog park are as follows:

- Proposed Dog Park must be located within the boundary of the civic league requesting the dog park. The civic league must have a current IRS 501 © (3) status and amend its bylaws establishing a "Dog Park Committee" for the purpose of overseeing and managing the dog park;
- Civic Leagues proposing to establish a dog park within the civic league boundaries must document the need for a new dog park as demonstrated by having a minimum of 30 percent of households in surrounding civic league in possession of a current City of Norfolk Dog Licenses as determined by the City's Treasurer's records; and a
- Civic Leagues proposing to establish a dog park must approve by a majority vote in accordance with the by-laws of the civic league the establishment of a dog park under the guidelines established by the city including providing funds for establishment of the dog park. A Recreation, Parks and Open Space staff member must be in attendance during the voting process for verification.

Criteria to Establish a Dog Park

- Proposed land for the dog park must lie within the boundary of the Civic League making the request (see **Criteria for identifying City-owned Land for a Dog Park** in the section below);
- Proposed area must be separated and visually buffered from highly populated or other high use areas such as school property, jogging and walking tracks or trails, playgrounds and other recreational amenities, and buffered from surrounding residential areas in a manner approved by RPOS.
- Proposed area should have adequate drainage and parking so as not to put additional burden on existing neighborhood.
- Proposed Dog Park must have a minimum of a 25 foot setback from an adjacent residential or commercial property measured from the property line of the adjacent property and the fence for the dog park.
- Proposed Dog Park must be outside of the Chesapeake Bay Protection Act 100 foot Buffer.

Criteria for Identifying City-owned Land for a Dog Park

Priority selection for the conversion of city-owned land for the purpose of a dog park is based on the availability of land and its impact on existing city uses and/or adjacent property owners. Proposed locations for the establishment of a dog park using city-owned land within the geographic boundary of a civic league are as follows:

- Remnant city-owned property of at least .5 acre;
- City-owned vacant lots that are contiguous and comprise of at least .5 acres;
- Neighborhood park greater than two-(2) acres where the design of a dog park does not impact public use of existing open space;
- Neighborhood park or pocket park less than two-(2) acres where the design of a dog park does not impact public use of existing open space and the dog park is less than half of the park's square footage;
- City medians identified in the Recreation and Parks Master Plan
- Remnant city-owned property of less than .5 acres where artificial turf or non-grass materials will comprise the primary surface for use as a dog park.

City owned land not under consideration for proposed dog parks due to incompatible land use or due to efforts to preserve a pleasant experience for all users of that property are as follows:

- Norfolk Public School Sites
- City parks and playgrounds adjacent to a Norfolk Public School Site
- City parks and playgrounds less than one acre in size
- City property designated as a Citywide Park (Barraud Park, Berkley Park, Lakewood Park, Lafayette Park, Poplar Hall Park)
- Norfolk's beachfront property
- City of Norfolk Libraries

Consideration of Dog Parks on Private Property

Dog parks on private property must go through the city's site plan review process and are not subject to this policy. However, if there is private property under consideration for donation to the city as a dog park, the transferred property would have to meet the conditions of this policy.

Criteria for Dog Park Size

The criteria for the size of dog parks on city property vary but the suggested guidelines are as follows:

- Pocket parks on unbuildable lots and sites up to 0.5 acres are appropriate for dog parks for small dogs.
- A minimum size of 0.5 acres (approximately 150' x 150' or sized equivalent) is recommended for a dog park designed for mostly large dogs (>30 pounds).
- A minimum size of 0.75 acres (approximately 175' x 200' or sized equivalent) is required for a dog park for both small and large dogs. Additionally, the space must also have an interior fence separating areas for both small (< 30 pounds) and large (>30 pounds) dogs.

(*) Dog Parks that are existing or approved by RPOS prior to December 31, 2016 are grandfathered in and not subject to these revised criteria.

Dog Park Organizational Structure

- Norfolk Dog Parks are established as public/private partnerships between the city and the community civic association with funding provided by private donation from the civic league. Refer to the following sections for a breakdown of responsibilities.
- Civic leagues with an established 501 © 3 are required to establish a "Dog Park Committee" as part of its bylaws to oversee the operations and maintenance of the Dog Park.
- Dog Park Committees will be required to provide quarterly updates to the parent civic league.

Public Process for the Establishment of a Dog Park

- An application from a Civic League (Dog Park Association) to begin the process of creating of a new Dog Park must contain:
 - A site plan of the proposed dog park drawn to scale with all amenities including fencing and water (if applicable) shown.
 - Designation of whether the dog park will be for small dogs, large dogs or both
 - A copy of the Dog Park Association By Laws and proposed park rules
 - Determination from the City Treasurer's Office that 30 percent of households in surrounding civic league have current city of Norfolk Dog license
 - Proof of notification by the parent Civic League (required for the process to proceed).
- RPOS will conduct a site visit to assess the appropriateness and viability of the area identified for the proposed dog park. At the completion of this review, additional requirements to be met may be identified by RPOS and/or other city departments or review boards.
- RPOS will then locate the official boundaries of the park, determine whether all criteria and requirements have been satisfied, and determine whether the project is approved to continue.
- The Dog Park Association must also obtain parent Civic League acceptance as shown by a majority vote of approval at a pre-determined civic league meeting.
 - Notice of the meeting date must be published in your monthly publication, newsletter, etc. and provided monthly to all residents beginning a minimum of 90 days prior to the vote to

- give all interested parties fair notice to attend. In addition, a Recreation Parks and Open Space staff member must be in attendance during the voting process for verification).
- A Recreation Parks and Open Space staff member must be in attendance during the voting to verify the process.
- At the time of dog park creation the Dog Park Association is financially responsible for:
 - The cost of RPOS approved fencing and installation
 - The surface (lawn, artificial turf, wood chips, crushed stone or alternate material) as approved by RPOS.
 - All amenities approved by RPOS (including seating, play equipment, pet waste bags, etc.)
 - Water Service, where applicable (½ of the cost of installing a water meter and tap, the cost of the water feature including installation, and monthly water service)
- Once the dog park is established, additional amenities (seating, lighting, play equipment, etc.) **are NOT permitted** to be installed or placed inside of the park without the approval of the parent civic league and RPOS (with input from other city departments and review boards where appropriate).

Criteria for Fencing a Dog Park

- In order for a dog park to be fenced the following criteria must be met:
 - Neighborhood acceptance to include a majority vote of approval at a pre-determined civic league meeting.
 - Notice of the meeting date and agenda must be published in your monthly publication, newsletter, etc. and provided monthly to all residents beginning a minimum of 90 days prior to the vote to give all interested parties fair notice to attend. In
 - A Recreation Parks and Open Space staff member must be in attendance during the voting process for verification).
 - If the proposed dog park is a minimum of 0.75 acres, in addition to perimeter fencing there must be internal fencing to create separate large and small dog areas.
 - Fencing will be of three types depending on the area of the City that the dog park will be located:
 - Black Vinyl Coated Chain Link Fencing (minimum 4 feet in height) is the approved standard of fencing for dog parks by Design Review and Planning Commission and is appropriate for use in both Small and Large Dog Park areas.



- Black Montage Plus Ornamental Fencing (minimum 4 feet in height) with added “Puppy Guard Picket” is the suggested fence standard by RPOS for the Downtown/Freemason area or any historic district for dog parks where small dogs will be present. The addition of a fence to a dog park in these areas will need approval from Design Review and Planning Commission.



- Black Montage Plus Ornamental Fencing (minimum 4 feet in height) is the suggested fence standard by RPOS for the Downtown/Freemason area or any historic district for dog parks for large dogs only. The addition of a fence to a dog park in these areas will need approval from Design Review and Planning Commission.



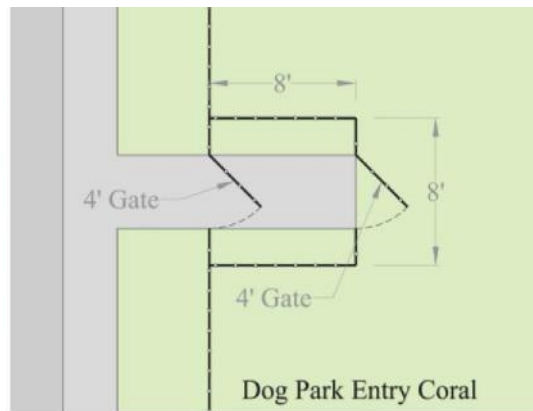
- Some dog parks may also be required to have brick columns (this will be determined by the RPOS Staff and the city architectural review board).



- For detailed fence specifications please see the **Attachments 1 and 2** listed below.

- **Fenced Dog Park Entrances must meet the following requirements:**

- An minimum 8' x 8' double gated entry coral with two 4' gates



- A 10' gate for maintenance equipment access



- The addition of a fence to the previously designated dog park or to a new dog park will need to be approved by the RPOS staff.

- Any proposed variation of these types of fencing will need to be presented to and approved by Design Review and Planning Commission for acceptance.
- Fencing to be paid for in its entirety (cost of materials and installation) by the civic league/community through raised funds, etc.
- The City will provide the maintenance of the fence and make any repairs as needed for the service life of the fence.

Criteria for Establishing Water at Dog Parks

In order for a dog park to have a water spigot or “dog fountain” installed, following criteria must be met:

- Neighborhood acceptance to include a majority vote of approval at a pre-determined civic league meeting. (Notice of the meeting date must be published in your monthly publication, newsletter, etc. and provided monthly to all residents beginning a minimum of 90 days prior to the vote to give all interested parties fair notice to attend. In addition, a Recreation Parks and Open Space staff member must be in attendance during the voting process for verification).
- The dog park must be fenced in order to have a spigot or dog fountain installed.
- The City and the Dog Park Association will split the cost of installing the tap and meter with the understanding that issues such as distance from supply lines, trenching, boring, and other construction may make water service cost prohibitive.
- The Dog Park Association will be responsible for funding and installing the spigot and any other type of decorative fountain, drains, etc. RPOS (and other city departments’) approval will be required prior to installation.
- The Dog Park Association will be responsible for the monthly water service charges.
- Water service will be shut off in the fall for freeze prevention annually by city staff, and it will be turned back on in April. (Please note that this is a time frame, not exact dates).

Dog Park Maintenance & Repairs

City maintenance of dog parks will be limited to:

- Mowing
- Fence repairs for the nominal service life of the fence, where applicable
- Winterization of dog park spigots and water features in mid-October. Water service will be unavailable through April when water is turned back on by city staff.

Civic league/dog park association maintenance and repair responsibilities at the dog park includes:

- All other physical maintenance including weed control, fertilizing, seeding, filling holes dug by pets, replenishment of mulch, and/or repairing bare turf patches are the responsibility of the Dog Park Association/parent civic league.
- Dog Park Associations are responsible for maintaining a healthy and hygienic environment for pets and people.
- Review and approval of all non-emergency repairs, maintenance or new construction in Dog Parks must be approved by the parent Civic League prior to implementation.

Dog Park Rules

Dog park rules and regulations include the following:

- Dogs must wear valid rabies vaccination and city license tags.
- Dogs must be up to date on all core vaccines (Canine parvovirus, distemper, canine hepatitis and rabies)
- Dogs must be at least 4 months old.
- Dog owners must be in control and in visual contact with their dogs at all times.
- A maximum of three dogs per owner or caretaker is allowed at any one time.
- All dogs must be leashed while entering and leaving the dog park area.
- Dogs 30 pounds and larger must use the large dog area when a separate designated area exists.
- Dogs showing aggression towards people or other dogs must be immediately leashed and removed. (Contact Animal Control at 757-441-5505 for assistance with animal disturbances).
- Dogs that are ill, injured, or in heat are not allowed in city dog parks.
- Owners are legally responsible for any bodily injury and property damage caused by their dog.
- Owners must clean up and dispose of waste left by their dog in accordance with city code..
- Barking or uncontrollable dogs must be removed from the park.
- No food (people or canine) food other than training treats is allowed.
- Children under age 8 must be accompanied, and under constant supervision of an adult.
- Unless posted otherwise, city dog parks open at sunrise and close at sunset.
- Violations of ordinances or park rules may result in fines, loss of park privileges, or other punitive measures

Public Process for the Dissolution of a Dog Park

- In the event a Dog Park Association's board of directors dissolves, the sub-committee must inform the parent civic league and the Civic League may seek to dissolve the dog park and request RPOS return the space to a designation of Open Space.
- The Dissolution process will require neighborhood acceptance indicated by a majority vote of approval at a pre-determined civic league meeting.
 - Notice of the meeting date must be posted within the dog park, published in your monthly publication, newsletter, etc. and provided monthly to all residents beginning a minimum of 90 days prior to the vote to give all interested parties fair notice to attend.
 - A Recreation Parks and Open Space staff member must be in attendance during the voting process for verification).

Attachment 1: Black Vinyl Coated Chain Link Fencing



Department of Recreation, Parks and Open Space
Division of Open Space, Planning and Development

501 Boush Street, Norfolk, VA 23510
(757) 441-2400; Fax (757) 441-5423

SCOPE OF WORK AND SPECIFICATIONS

Install new black vinyl chain link fencing

I. Summary

1. The City of Norfolk is seeking qualified offerors to provide and install approximately XX linear feet of new replacement black vinyl coated fence fabric with fused and bonded wire with a 9 gauge core wire with an 8 gauge finish with a 2 inch mesh at (Location) Norfolk, Virginia. The contractor is to consider this a turnkey project and will be responsible for all necessary work, scheduling, materials, equipment, permits and contacting Miss Utilities to complete the project in a timely, coordinated manner. Offerors must hold a current Commonwealth of Virginia Class A or B Builders License.
2. Interested offerors are required to conduct a site visit with the City of Norfolk site representative prior to submission of bids for this work and are to certify that a site visit has been conducted in their bid proposal. It will not be possible to submit a proper bid without conducting a site visit.
3. The City of Norfolk site representative for this project is William Speidel, Recreation, Parks and Open Space. Norfolk, VA 23510; (757) 823-4384, [Email: William.speidel@norfolk.gov](mailto:William.speidel@norfolk.gov); and community civic league representative is XXXXX.

II. References

1. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process.
2. ASTM B117 -Practice for Operating Salt-Spray (Fog) Apparatus.
3. ASTM D523 - Test Method for Specular Gloss.
4. ASTM D822 - Practice for Conducting Tests on Paint and Related Coatings and Materials using Filtered Open-Flame Carbon-Arc Light and Water Exposure Apparatus.
5. ASTM DI 654 - Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments.
6. ASTM D2244 - Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates.
7. ASTM D2794 - Test Method for Resistance of Organic Coatings to The Effects of Rapid Deformation (Impact).
8. ASTM D3359 - Test Method for Measuring Adhesion by Tape

III Specifications

1. Provide and install approximately XX linear feet of replacement 4 foot tall black vinyl coated
2. fence fabric with a 2 inch mesh, fused and bonded wire with a 9 gauge core wire with an 8 gauge finish. Line poles will be 2 inch SS 40 black vinyl coated pipe. Top rail will be 1 5/8" SS 40 black vinyl coated pipe. Terminal poles will be 2 1/2" SS 40 black vinyl coated pipe.
3. Fabric coating: 2" mesh x 9 gauge. Core steel black vinyl coated extruded and bonded wire.
4. Fence Fabric: 48 inch tall wire (should already be included in section).
5. We require Type 11 Steel pipe (SS40 pipe).
6. Posts for Gates: From 6 foot to 12 foot wide use 4 inch OD type 2 SS 40 steel black vinyl coated pipe with steel dome cap black vinyl coated.
7. Line Posts: 2 inch x 6 foot SS 40 black vinyl coated pipe with pressed steel loop cap black vinyl coated.
8. Terminal Posts: 2 1/2 inch x 7 foot SS 40 black vinyl coated pipe with steel dome cap black vinyl coated.
9. Gate Post: For gates up to 6 foot wide should be 3 inch x 7 foot SS 40 black vinyl coated with steel dome caps.
10. Top Rail: 1 5/8 inch SS 40 black vinyl coated pipe with 6 inch steel sleeve black vinyl coated.
11. Bottom Rail: 1 5/8 inch SS 40 black vinyl coated pipe. Run rail continuously between line posts. Install bottom rail 2 inches above grade.
12. Rail Ends: 1 5/8 inch malleable steel black vinyl coated sockets.
13. Brace Bands: pressed steel black vinyl coated.
14. Tie Wires: 11 gauge core steel black vinyl coated spaced 12 inches on center on posts and 24 inches on center on rails.
15. Boulevard clamps for bottom rail at line posts: 2 inch x 1 5/8 inch pressed steel black vinyl coated.
16. Tension bars and bands for fabric connection at terminal posts: pressed steel black vinyl coated.
17. Miscellaneous Entrance Gate Hardware:
18. Gate hinges: pressed steel industrial offset hinges.
19. Gate latches: weld on fulcrum latch.
20. Drive Gate Drop rods: 1 3/8 inch SS 40 full height of gate with fork welded to drop rod and receiver on an opposite gate panel.
21. Posts set in concrete footings: 10 inch diameter x 30 inch depth for terminal posts and 8 inch diameter x 30 inch depth for line posts.
22. Offerors shall supply and install incidentals required to install the fabric. The incidentals shall include all components (i.e., gates, tension bands, brace bands, rail end sockets, loop caps, ties and miscellaneous hardware) required.

IV General Provisions

1. Offerors must hold a current State of Virginia Class A or B Builder's License.
2. Offerors shall inspect and ascertain the scope of the job and are to certify that such a site visit has been conducted in their bid proposal.

3. Offerors shall provide all labor and materials. The contractor awarded this work is to provide a work schedule for the project at least five (5) business days prior to work commencement date. Work scheduling will be determined by the city site representative.
4. All work is to be performed in a neat and professional manner that reflects quality workmanship in accordance with standard trade practices and procedures, as well as all building, electrical and safety codes.
5. The contractor awarded this work shall maintain a clean worksite. At the completion of each workday, the contractor shall remove all debris and trash from the worksite, at no cost to the City of Norfolk. The contractor shall not use any city trash containers for disposing of debris of any kind.
6. The contractor awarded this work shall furnish all signs, cones, barricades, tape or other barriers as necessary at the worksite to protect people from harm or injury.
7. The City of Norfolk will not be responsible for any contractors damaged tools or materials.
8. The contractor awarded this work shall protect all completed and partially completed areas from damage until all work is accepted by the City of Norfolk. The finished project shall not be accepted nor paid for until inspected and accepted by an authorized representative of the City of Norfolk.
9. The contractor awarded this work is responsible for any damages to city property and/or associated structures resulting from the contractor's actions. Any damages shall be repaired at the contractor's expense to the satisfaction of the City of Norfolk.
10. The contractor awarded this work expressly undertakes the responsibility to take every precaution at all times for the protection of persons and property, including city and city employee's personal property if in the work area.
11. The contractor awarded this work shall, at all times, enforce strict discipline and good order among workers on the project and shall not employ any unfit person or anyone not skilled in the work assigned to him/her.
12. The contractor awarded this work is responsible for any permits and/or fees that may be necessary to complete this project.
13. OSHA (Occupational Health and Safety Administration) Compliance. The contractor awarded this work must comply with OSHA standards 29 CFR 1910 as general industry employers. Additionally, construction contractors must comply with OSHA standards 29 CFR 1926.
14. Guarantee.
15. Materials. The fencing system provided shall have a manufacturer's material warranty for the electro-coated surfaces against cracking, peeling, chipping, blistering, or corroding for a period of 10-years following the date of the city acceptance of the project. If the contractor fails or refuses to replace or correct, the city may have the defect/deficiency corrected or replaced from another source and charge the contractor the cost occasioned thereby.
16. Workmanship. All work performed on this project shall be fully guaranteed against defects in workmanship for a period of 1-year following the date of the city acceptance. The contractor shall be notified of any defect or non-conformance by the City of Norfolk. The contractor shall be required to correct or replace the defect/deficiency at no cost to the City of Norfolk and corrective measures/replacements will be subject to all provisions as the work originally performed. If the contractor fails or refuses to replace or correct, the city may have the defect/deficiency corrected or replaced from another source and charge the contractor the cost occasioned thereby.

Revised December 7, 2016

17. Note: damages as a result of vandalism are exempt from this guarantee.

Attachment 2: Black Montage Plus Ornamental Fencing



Department of Recreation, Parks and Open Space
Division of Open Space, Planning and Development
501 Boush Street, Norfolk, VA 23510
(757) 441-2400; Fax (757) 441-5423

SCOPE OF WORK AND SPECIFICATIONS

Install new ornamental welded steel fencing at

I. Summary

1. The City of Norfolk is seeking qualified offerors to provide and install approximately (XX) linear feet of Montage Plus welded ornamental steel fencing to include specified double entrance 4 foot entrance gate at (Location), Norfolk, Virginia. The contractor is to consider this a turnkey project and will be responsible for all necessary work, scheduling, materials, equipment, permits and contacting Miss Utilities to complete the project in a timely, coordinated manner. Offerors must hold a current Commonwealth of Virginia Class A or B Builders License.
2. Interested offerors are required to conduct a site visit with the City of Norfolk site representative prior to submission of bids for this work and are to certify that a site visit has been conducted in their bid proposal. It will not be possible to submit a proper bid without conducting a site visit.
3. The City of Norfolk site representative for this project is William Speidel, Recreation, Parks and Open Space. Norfolk, VA 23510; (757) 823-4384, [Email: William.speidel@norfolk.gov](mailto:William.speidel@norfolk.gov); and community civic league representative is XXXXX.

4. II. References

1. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or
2. Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process.
3. ASTM B117 -Practice for Operating Salt-Spray (Fog) Apparatus.
4. ASTM D523 - Test Method for Specular Gloss.
5. ASTM D822 - Practice for Conducting Tests on Paint and Related Coatings and Materials
6. using Filtered Open-Flame Carbon-Arc Light and Water Exposure Apparatus.
7. ASTM DI 654 - Test Method for Evaluation of Painted or Coated Specimens Subjected to
8. Corrosive Environments.
9. ASTM D2244 - Test Method for Calculation of Color Differences from Instrumentally
10. Measured Color Coordinates.
11. ASTM D2794 - Test Method for Resistance of Organic Coatings to The Effects of Rapid
12. Deformation (Impact).

13. ASTM D3359 - Test Method for Measuring Adhesion by Tape

III Specifications

1. Provide and install approximately (XX) linear feet of 4 foot tall Ameristar Montage Plus ATF welded ornamental steel fence Majestic (or other manufacturer’s equivalent product), 3-rail flush bottom, Color: black, welded ornamental steel fencing to include XX (XX EA) 4 foot wide pedestrian entrance swing gate. All fence and gate posts installed in dirt shall be back filled and properly graded.
2. If the product being offered is other than Ameristar Montage Plus ATF welded steel fence, representative samples must be presented to the City of Norfolk site representative for approval.
5. Offeror shall provide all labor, materials and appurtenances necessary for installation of the welded ornamental steel fence system defined herein at the (Location).
6. Offerors shall supply and install a total fence system of 4 foot tall ornamental welded steel design. The system shall include all components (i.e., panels, posts, gate, and hardware) required.
7. Offerors shall provide laborers and supervisors who are thoroughly familiar with the type of construction involved and materials and techniques specified herein.
8. Steel material for fence panels and posts shall conform to the requirements of ASTM A653/A653M, with a minimum yield strength of 50,000 psi (344 MPa) and a minimum zinc (hot-dip galvanized) coating weight of 0.90 oz/ft² (276 g/m²), Coating Designation G-60.
9. Material for fence pickets shall be 3/4” square x 16 Ga. tubing. The rails shall be steel channel, all terrain - Montage Plus ATF profile, 1.5” x 1.4375” x 14 Ga. Picket holes in the rail shall be spaced 4.334” o.c. Posts shall be a minimum of 2-1/2” square x 16 Ga. 12 Ga. posts may be used for heavy applications.
10. Pickets, rails and posts shall be pre-cut to specified lengths. Rails shall be pre-punched to accept pickets.
11. Pickets shall be inserted into the pre-punched holes in the rails and shall be aligned to standard spacing using a specially calibrated alignment fixture. The aligned pickets and rails shall be joined at each picket-to-rail intersection by Ameristar proprietary fusion welding process, thus completing the rigid panel assembly (Note: The process produces a virtually seamless, spatter-free good-neighbor appearance, equally attractive from either side of the panel).
12. The manufactured panels and posts shall be subjected to the AmeriCoat™ inline electrodeposition coating process consisting of a multi-stage pretreatment/wash (with zinc phosphate), followed by a duplex cathodic electrocoat application of an epoxy primer followed by an acrylic topcoat. The minimum cumulative coating thickness of epoxy and acrylic shall be 2 mils (0.058 mm). The color shall be (specify Black, Bronze, White. or Desert Sand). The coated panels and posts shall be capable of meeting the performance requirements for each quality characteristic shown in the table on the following page.

Quality Characteristics	ASTM Test Method	Performance Requirements
Adhesion	D3359-Method B	Adhesion (retention of coating) over 90% of test area (tape and knife test)

Corrosion Resistance	B117 & D1654	Corrosion resistance over 3,500 hours (scribed per D1654; failure mode is accumulation of 1/8" coating loss from scribe or medium #8 blisters)
Impact Resistance	D2794	Impact resistance over 60 inch lb. (forward impact using .0625" ball)
Weathering Resistance	D822, D2244, D523 (60° Method)	Weathering resistance over 1,000 hours (failure mode is 60% loss of gloss or color variance of more than 3 delta-E Method) color units.

13. Gates shall be fabricated using welded ornamental panel material and gate ends having a 13/4" square cross-sectional size. All rail and upright intersections shall be joined by welding. All picket and rail intersections shall also be joined by welding.
14. Fence posts shall be set according to the following below bracket table. Fence panels shall be attached to posts with Montage plus Line Boulevard Brackets supplied by the manufacturer. All gate and fence post will have a 1/2" cap on concrete footing at post and slope to grade level to shed water away from post.

Post Size	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"
Bracket Type	* Montage + universal boulevard (BB112)	* Montage + line boulevard (BB114)	* Montage + flat mount (BB111)	* Montage + swivel (BB113)	* Montage + swivel (BB113)
Post Settings +/- 1/2" o.c.	95 1/2"	95 1/2"	95 1/2"	97"	97 1/2"

* - Or other manufacturer's equal.

15. Gate posts shall be 3" steel for gate openings of up to 6'. Gate posts shall be spaced according to the gate openings specified in the construction plans. Gate hinges will be industrial 180 degree gate hinges. Gate collars and folk latch will be install on gate. Gate should be able to be locked.
16. Gate posts shall be spaced according to the gate openings specified. The panels shall be attached to posts using mechanically fastened panel brackets supplied by the manufacturer.
17. To ensure proper rust protection, any areas of the provided ornamental fence or gate product that require cutting or drilling must have the exposed metal area treated immediately by removing all metal shavings from the cut area, application of a zinc-rich primer to thoroughly cover the cut edge or drill hole, and application of 2 coats of custom finish spray paint matching the fence color.

IV General Provisions

1. Offerors must hold a current State of Virginia Class A or B Builder's License.

2. Offerors shall inspect and ascertain the scope of the job and are to certify that such a site visit has been conducted in their bid proposal.
3. Offerors shall provide all labor and materials. The contractor awarded this work is to provide a work schedule for the project at least five (5) business days prior to work commencement date. Work scheduling will be determined by the city site representative.
4. All work is to be performed in a neat and professional manner that reflects quality workmanship in accordance with standard trade practices and procedures, as well as all building, electrical and safety codes.
5. The contractor awarded this work shall maintain a clean worksite. At the completion of each workday, the contractor shall remove all debris and trash from the worksite, at no cost to the City of Norfolk. The contractor shall not use any city trash containers for disposing of debris of any kind.
6. The contractor awarded this work shall furnish all signs, cones, barricades, tape or other barriers as necessary at the worksite to protect people from harm or injury.
7. The City of Norfolk will not be responsible for any contractors damaged tools or materials.
8. The contractor awarded this work shall protect all completed and partially completed areas from damage until all work is accepted by the City of Norfolk. The finished project shall not be accepted nor paid for until inspected and accepted by an authorized representative of the City of Norfolk.
9. The contractor awarded this work is responsible for any damages to city property and/or associated structures resulting from the contractor's actions. Any damages shall be repaired at the contractor's expense to the satisfaction of the City of Norfolk.
10. The contractor awarded this work expressly undertakes the responsibility to take every precaution at all times for the protection of persons and property, including city and city employee's personal property if in the work area.
11. The contractor awarded this work shall, at all times, enforce strict discipline and good order among workers on the project and shall not employ any unfit person or anyone not skilled in the work assigned to him/her.
12. The contractor awarded this work is responsible for any permits and/or fees that may be necessary to complete this project.
13. OSHA (Occupational Health and Safety Administration) Compliance. The contractor awarded this work must comply with OSHA standards 29 CFR 1910 as general industry employers. Additionally, construction contractors must comply with OSHA standards 29 CFR 1926.
14. Guarantee.
15. Materials. The fencing system provided shall have a manufacturer's material warranty for the electro-coated surfaces against cracking, peeling, chipping, blistering, or corroding for a period of 10-years following the date of the city acceptance of the project. If the contractor fails or refuses to replace or correct, the city may have the defect/deficiency corrected or replaced from another source and charge the contractor the cost occasioned thereby.
16. Workmanship. All work performed on this project shall be fully guaranteed against defects in workmanship for a period of 1-year following the date of the city acceptance. The contractor shall be notified of any defect or non-conformance by the City of Norfolk. The contractor shall be required to correct or replace the defect/deficiency at no cost to the City of Norfolk and corrective measures/replacements will be subject to all provisions as the work originally performed. If the

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contractor fails or refuses to replace or correct, the city may have the defect/deficiency corrected or replaced from another source and charge the contractor the cost occasioned thereby.

17. Note: damages as a result of vandalism are exempt from this guarantee.