



Addendum No. 1

To: Interested Parties
From: John E. Van Riper, Project Engineer
Division of Engineering
Date: Friday, October 5, 2018
Project: Generator Security Fence

Acknowledge receipt of this **Addendum No. 1** by signing in the space provided below and returning with your Bid.

Failure to sign and return with your bid may subject the Bidder to disqualification. This **Addendum No. 1** forms a part of the Bid Documents, its supplements and modifies them as outlined herein.

This **Addendum No. 1** consists of 18 pages, including this page.

I hereby acknowledge receipt of **Addendum No. 1**:

By: _____ Date _____
Signed Name

Typed Name

Title

For (Firm): _____

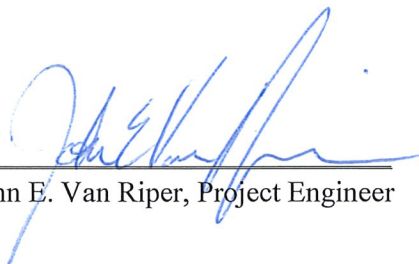
Addendum No. 1

Generator Security Fence

Date Issued: Friday, October 5, 2018


Quotations Due: Friday, October 12, 2018 4:00 p.m., local time

The following addendum material is hereby made a part of the Bid Documents. Please note the following changes, information, and/or instructions in connection with the proposed work and submit proposals accordingly.



John E. Van Riper, Project Engineer

By Authority of:
Board of County Commissioners
Washington County, Maryland



Scott Hobbs, P.E.
Director – Division of Engineering

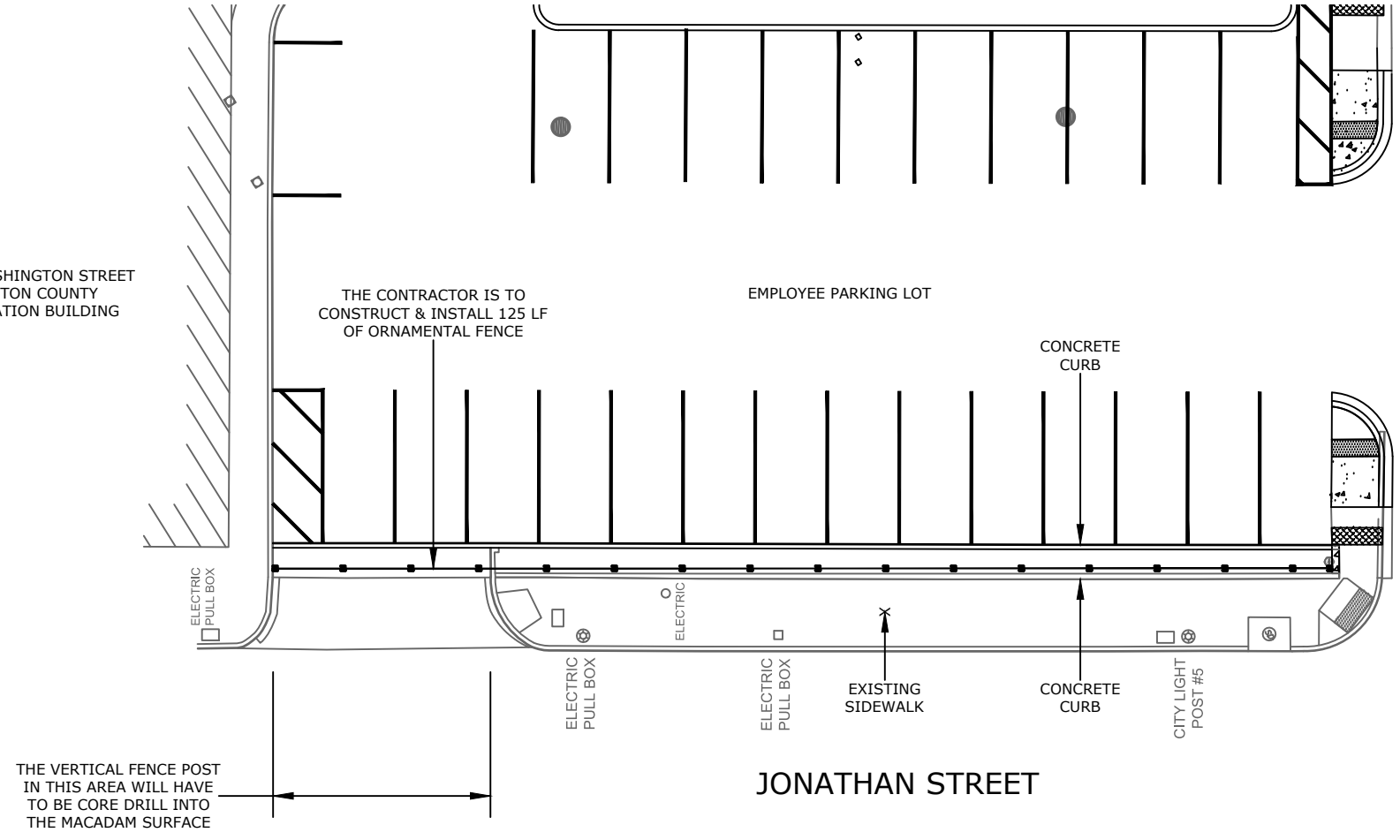
Generator Security Fence

Addendum No. 1

- Item 1.01 Revise Bid Due date from Wednesday October 10, 2018 to **Friday October 12, 2018 at 4:00 PM**
- Item 1.02 Add Alternate item added to contract in the form of 125 LF for 48” high ornamental fencing added along Jonathan Street. Drawings are attached as Attachment A.
- Item 1.03 Special Provisions should be replaced in their entirety by the special provisions in Attachment B
- Item 1.04 Q 1: Palmetto aluminum fence is no longer in business. Please specify another manufacture of aluminum fence. **This has been addressed in the revised special provisions in Attachment B.**
- Item 1.05 Q2: The specification and drawing references to match the bus transfer station which is 4’H, but the drawing shows a 6’h fence. Which is correct? **The fence located around the Generator part of the original drawing attachment is to be 6’ high. The fence that is part of the add alternate located along Jonathan street is to be 4’ high.**
- Item 1.06 Q3: The RFP states to bid an aluminum fence, but the specifications used are for a steel fence, but have been edited to unattainable product sizes and thicknesses. Please specify whether fence is supposed to be steel or aluminum and use a manufacture standard specification. **This has been addressed in the revised special provisions. The Contractor shall provide an Aluminum Fence.**
- Item 1.07 Form of Proposal (Pages 7 and 8 of the original document) has been revised and is in Attachment C. This is revised form should be used when submitting bids
- Item 1.08 The number of days for the contractor for fully complete the project has been revised from **30** consecutive calendar days to **45** consecutive calendar days.

Attachment A
Add Alternate Drawing

100 WEST WASHINGTON STREET
WASHINGTON COUNTY
ADMINISTRATION BUILDING



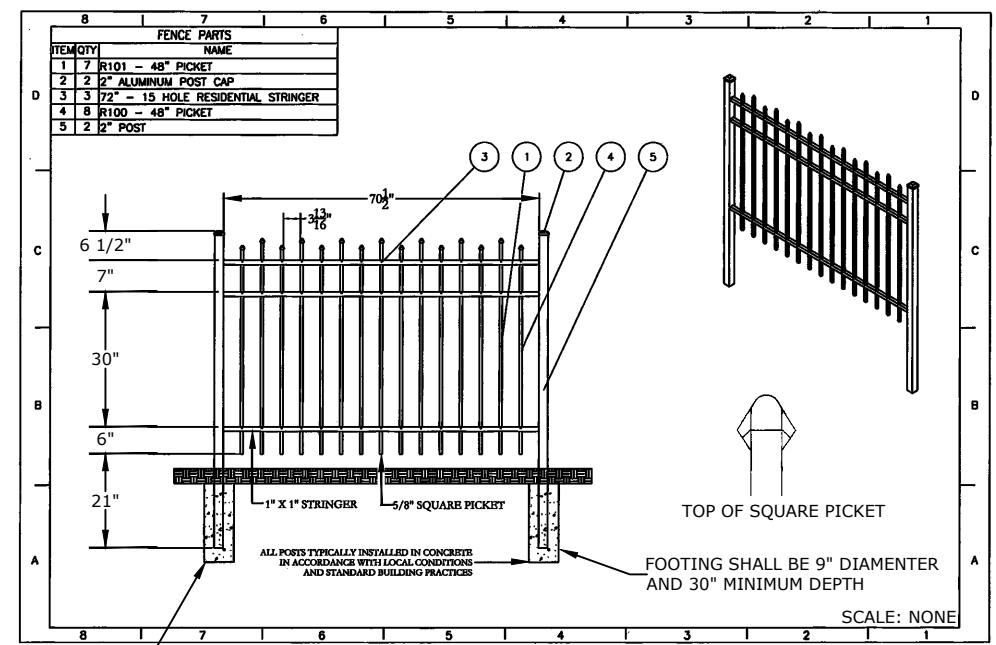
THE VERTICAL FENCE POST
IN THIS AREA WILL HAVE
TO BE CORE DRILL INTO
THE MACADAM SURFACE

THE CONTRACTOR IS TO
CONSTRUCT & INSTALL 125 LF
OF ORNAMENTAL FENCE

EMPLOYEE PARKING LOT

WAREHAM ALLEY

JONATHAN STREET



ORNAMENTAL FENCE DETAIL
SCALE: NONE

ALL POSTS TYPICALLY INSTALLED IN CONCRETE
IN ACCORDANCE WITH LOCAL CONDITIONS
AND STANDARD BUILDING PRACTICES

- ★ 1. THE CONTRACTOR SHALL MAKE, CHECK, AND BE RESPONSIBLE FOR ALL MEASUREMENTS AND DIMENSIONS NECESSARY BEFORE ORDERING ANY MATERIAL AND THE PROPER CONSTRUCTION OF ALL WORK.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ACTUAL CONDITIONS AND PLANNING ALL CONSTRUCTION ACCORDINGLY. ALL DIMENSIONS SHOWN SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE ANY WORK COMMENCES.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES.
- 4. ALL FENCE DIMENSIONS SHOWN ARE FOR REFERENCE USE ONLY. THE CONTRACTOR SHALL CONFIRM / MATCH EXISTING BUS TRANSFER STATION ORNAMENTAL FENCE DIMENSIONS AND FINISH.

NO.	REVISION DESCRIPTION	BY	DATE

WASHINGTON COUNTY, MARYLAND
DIVISION OF ENGINEERING &
CONSTRUCTION MANAGEMENT

Washington County Administrative Annex, Building
80 W. Baltimore St., Hagerstown, MD 21740
Phone: 240-313-2460 Fax: 240-313-2401

ORNAMENTAL FENCE
ALTERNATE BID NUMBER 1

100 WEST WASHINGTON STREET
WASHINGTON COUNTY ADMINISTRATION BUILDING



SCALE
AS NOTED

SHEET NO.
01 OF 01

PROJECT NO.
28-261-FENCE
JONATHAN ST.

Attachment B
Special Provisions

DECORATIVE METAL FENCES AND GATES

PART 1 - GENERAL

1.1 SUMMARY

- A. Introduction: Specifications have been developed using DSI (Digger Specialties Inc.) specifications for their Courtyard 1000 Series Aluminum Fencing. Approved equals will be accepted.
- B. Work Results:
 - 1. Provide aluminum fence and manual gate (both pedestrian with panic bar and 8 foot maintenance) systems. Refer to project drawings.
- C. Principal Products:
 - 1. Fence posts.
 - 2. Fence rails.
 - 3. Fence post caps.
 - 4. Fence rail pickets.
 - 5. Manually operated gate (8 foot span with 2-4 foot gates)
 - 6. Manually operated pedestrian gate with panic bar and mesh fence backing that can be locked.

1.2 ADMINISTRATIVE REQUIREMENTS

- A. Coordination: Coordinate Work with project oncrete and asphalt contractors

1.3 ACTION SUBMITTALS

- A. Product Data: Manufacturer's product lines for fencing assembled from standard components.
 - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.
 - 2. Include rated capacities, furnished specialties, and accessories.
- B. Shop Drawings:
 - 1. Include plans, elevations, sections, and foundation details.
 - 2. Include details of equipment assemblies. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.

Special Provisions

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For manufacturer and Installer.
- B. Sample Warranty: For manufacturer's warranty.
- C. Welding Certificates.

1.5 CLOSEOUT SUBMITTALS

- A. Cleaning Instructions.

1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: A fencing system manufacturer who is a member in good standing with PCI and AAMA.
- B. Mockups: Mockups are not required for this project.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery and Acceptance Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:
 - 1. Store and handle materials in accordance with manufacturer's instructions.
 - 2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
 - 3. Store materials in clean, dry area.
 - 4. Keep materials dry.
 - 5. Protect materials and finish during storage, handling, and installation to prevent damage.

1.8 WARRANTY

- A. Manufacturer's Warranty: Manufacturer agrees to repair or replace components of fencing and gate system that fail in materials or workmanship within specified warranty period.
 - 1. Warranty does not include the failures caused by the following:
 - a. Damage caused by faulty installation, or from improper application.
 - b. Damage attributable to fire, violent storms, earthquake or other Acts of God, accidents, vandalism, or other casualties, impact of objects, or exposure to atmospheric pollutants or conditions other than natural weather processes.

Special Provisions

- c. Damage or discoloration due to misuse, abuse, abrasion (including sand abrasion), and improper storage or to alteration of the material by paints, chemicals, or other substances not recommended for fencing system.
 - d. Any materials not supplied by fencing system manufacturer.
 - e. Cost of installation or removal, freight, labor and similar costs.
 - f. Any incidental or consequential damages.
 - g. Installations where the atmosphere is influenced by bodies of salt water (or other contaminant conditions) must adhere to the fencing system manufacturer's cleaning and maintenance guidelines.
2. Warranty Period: 30-year Limited Warranty from date of Substantial Completion.

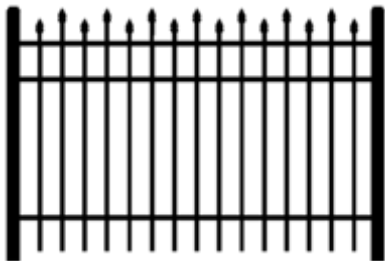
PART 2 - PRODUCTS

2.1 MANUFACTURERS, ALUMINUM FENCING SYSTEM DESCRIPTIONS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings, Digger Specialties, Inc.; CourtYard 1132 Series Fencing or approved equal

2.2 COMMERCIAL ALUMINUM FENCING SYSTEM DESCRIPTION

- A. Fencing System Description: 3-Rail with Alternating Spear Points fencing system.



1. Heights: 72 inches in the Generator Security Fence area, 48 inches in the add alternate section along Jonathan Street. This is shown on the drawings.
2. Post Spacing: As indicated on drawings
3. Standard Posts: 2.5-inch square by 0.065 inch thick
4. Heavy Duty Posts: 2.5-inch square by 0.125 inch thick
5. Gate Posts: 2.5-inch square by 0.125 inch thick
6. Post Caps, Flat: 2.5 inches
7. Rails: 1.125 inches wide by 1 inch high
8. Pickets: 0.75-inch square by 0.053 inch thick
9. Picket Spacing: Evenly spaced with no clear space between pickets greater than 4 inches.
10. Picket Finials: Spear
11. Decorative Elements: Provide the following accessory items:
 - a. Short Pickets

2.3 PERFORMANCE REQUIREMENTS

Special Provisions

- A. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes.
 - 1. Temperature Change: 120 deg F, ambient; 180 deg F material surfaces)
- B. Regulatory Requirements: Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines for Buildings and Facilities and ICC A117.1 gate access designated as accessible.

2.4 ALUMINUM

- A. Aluminum, General: Provide alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, and with not less than the strength and durability properties of alloy and temper designated below for each aluminum form required.
- B. Provide aluminum of the following alloys, according to ASTM B 221, as required to meeting performance requirements:
 - 1. Posts: 6063-T6.
 - 2. Plates: 6063-T6.
 - 3. Rails: 6063-T6.
 - 4. Pickets: 6063-T6 or 6063-T52.

2.5 GATES

- A. Manually operated, double swinging gate as shown on the drawings and a pedestrian gate with panic bar, lock and mesh backing as shown on the drawings.
- B. Construction: 3-sided rigid frame with top rail
 - 1. Provide diagonal gate framing member to provide additional stiffening if necessary.
- C. Top Rail Configuration: Flat gate top rail.
- D. Height: To match fence as indicated on the drawings

2.6 FENCE ACCESSORIES

- A. General: Provide manufacture's standard accessories as required for complete fencing system as indicated on the drawings and as required to comply with performance requirements.
- B. Caps: Square, aluminum cap trim, size to correspond to specified posts.
 - 1. Type: Plain, low pyramidal (flat) cap.

Special Provisions



2. Approximate Dimensions: 2.75 inches wide by 1.00 inch high.
- C. Brackets and Mounts: Manufacturer's standard die cast or extruded aluminum brackets and mounts designed to support fencing rail members at fencing posts and at walls.
- D. Base Trim Sleeve: Manufacturer's standard die cast, zinc base trim, size to correspond to specified posts, of pattern indicated on the Drawings.
- E. Picket Finials: Spear
 1. Quad Finials: Three dimensional, cast aluminum, spear shaped, picket cap ornament with 4 blade edges.
 - a. Color: Black.
- F. Decorative Elements:
 1. Short Pickets: Provide pickets of both standard and shorter lengths arranged in uniform, alternating pattern within all fencing sections.

2.7 GATE ACCESSORIES

- A. Hinges: Heavy duty, aluminum barrel hinge with stainless steel internal rod or approved equal
 1. Quantity: 2 hinges per gate leaf.
 2. Maximum Size Gate Leaf: 16 feet wide by 8 feet tall
- B. Latches: Stainless steel gravity latch with eye for padlock.
- C. Bolts: Barrel bolt.

2.8 FASTENERS

- A. General: Type 304 stainless-steel fasteners.
 1. Provide exposed fasteners with finish matching appearance, including color and texture, of fencing.
- B. Fasteners for Anchoring Fencing to Other Construction: Select fasteners of type, grade, and class required to produce connections suitable for anchoring fencing to other types of construction indicated and capable of withstanding design loads.
- C. Fasteners for Interconnecting Fencing Components:

Special Provisions

1. Provide concealed fasteners for interconnecting fencing components and for attaching them to other work, unless exposed fasteners are unavoidable or are the standard fastening method for fencing indicated.

2.9 MISCELLANEOUS MATERIALS

- A. Bituminous Paint: Cold-applied asphalt emulsion complying with ASTM D 1187/D 1187M.
- B. Nonshrink, Nonmetallic Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C 1107/C 1107M. Provide grout specifically recommended by manufacturer for interior and exterior applications.
- C. Anchoring Cement: Factory-packaged, nonshrink, nonstaining, hydraulic-controlled expansion cement formulation for mixing with water at Project site to create pourable anchoring, patching, and grouting compound.
 1. Water-Resistant Product: At exterior locations provide formulation that is resistant to erosion from water exposure without needing protection by a sealer or waterproof coating and that is recommended by manufacturer for exterior use.
- D. Concrete: MDOT MSHA Standards in 902.10, Mix No. 2. Measurement and Payment of concrete is incidental to the cost of the fence
- E. Reinforcing: Aluminum extrusions and plates as required to comply with performance requirements.
- F. Shims: Stainless steel, ASTM A 666, Type 304

2.10 FABRICATION

- A. General: Fabricate fencing to comply with requirements indicated for design, dimensions, member sizes and spacing, details, finish, and anchorage.
- B. Cut, drill, and punch aluminum cleanly and accurately. Remove burrs and ease edges to a radius of approximately 1/32 inch unless otherwise indicated. Remove sharp or rough areas on exposed surfaces.
- C. Fabricate connections that are exposed to weather in a manner that excludes water. Provide weep holes where water may accumulate.
- D. Form Changes in Direction as Follows:
 1. By bending to manufacturer's standard radius.
 2. Do not use prefabricated elbow insert fittings.
- E. For changes in direction made by bending, use jigs to produce uniform curvature for each repetitive configuration required. Maintain cross section of member throughout entire bend without buckling, twisting, cracking, or otherwise deforming exposed surfaces of components.

Special Provisions

- F. Brackets, Flanges, Fittings, and Anchors: Provide wall brackets, flanges, miscellaneous fittings, and anchors to interconnect fencing members to other work unless otherwise indicated.
- G. Provide inserts and other anchorage devices for connecting fencing to concrete or masonry work.
 - 1. Coordinate anchorage devices with supporting structure.

2.11 ALUMINUM FINISHES

- A. Powder-Coat Finish: AAMA 2604 except with a minimum dry film thickness of 1.5 mils. Comply with coating manufacturer's written instructions for cleaning, conversion coating, and applying and baking finish.
 - 1. Color: Black

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine area, substrates, and conditions for compliance with requirements for site work, landscaping, utility installation, paving, walks, installation tolerances and other conditions affecting performance of the Work.
- B. Confirm locations of property lines and setbacks.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Stake out property lines and lines of fencing, including locations of posts and gates.
- B. Flag locations of underground utilities crossed by fencing and within 5 feet of fencing.

3.3 INSTALLATION, GENERAL

- A. Install fencing according to fencing manufacturer's written instructions.
- B. Perform cutting, drilling, and fitting required for installing fencing.
- C. Set fencing accurately in location, alignment, and elevation; measured from established lines and levels and free of rack.
 - 1. Do not weld, cut, or abrade surfaces of fencing components that are coated or finished after fabrication and that are intended for field connection by mechanical or other means without further cutting or fitting.
 - 2. Set posts plumb within a tolerance of 1/16 inch in 3 feet.

Special Provisions

3. Align rails so variations from level for horizontal members and variations from parallel with rake indicated on Drawings for sloping members do not exceed 1/4 inch in 12 feet.
- D. Control of Corrosion: prevent galvanic action and other forms of corrosion by insulating metals and other materials from direct contact with incompatible materials.
 1. Coat, with a heavy coat of bituminous paint, concealed surfaces of aluminum that are in contact with grout, concrete, masonry, wood, or dissimilar metals.
- E. Adjust fencing before anchoring to ensure matching alignment at abutting joints.
- F. Fastening to In-Place Construction: Use anchorage devices and fasteners where necessary for securing fencing and for properly transferring loads to in-place construction.

3.4 FENCING CONNECTIONS

- A. Nonwelded Connections: Use mechanical or adhesive joints for permanently connecting fencing components. Seal recessed holes of exposed locking screws using plastic cement filler colored to match finish of fencing.

3.5 ANCHORING POSTS

- A. Poured Footing Installation: Excavate foundation hole for posts and fill with concrete.
 1. Minimum Foundation Dimension:
 - a. Depth: As indicated on the Drawings
 - b. Diameter: As indicated on the Drawings
 2. Set fence post in excavated footing and brace it as required to secure it and hold it plumb and in line with line of fencing.
 3. Pour concrete to within 6 inches (150 mm) of top.
 - a. Cover top of footing with soil no less than 24 hours after pouring concrete.

3.6 ATTACHING FENCING

- A. Anchor fencing ends at walls with round flanges anchored to wall construction and welded to fencing ends or connected to fencing ends using non welded connections.
- B. Anchor fencing ends to metal surfaces with flanges bolted to metal surfaces and welded to fencing ends or connected to fencing ends using non welded connections.
- C. Attach fencing to wall with wall brackets except where end flanges are used
- D. Locate brackets as indicated or, if not indicated, at spacing required to support structural loads.

Special Provisions

1. Maximum Spacing: 6 feet center to center of posts.

E. Secure wall brackets and fencing end flanges to building construction as follows:

1. For concrete and solid masonry anchorage, use drilled-in expansion shields and hanger or lag bolts.
2. For hollow masonry anchorage, use toggle bolts.

3.7 GATE INSTALLATION

A. General: Install gates according to fencing manufacturer's written instructions:

B. Install gate level, plumb, and true in alignment with established lines and grade and with fencing and without distortion or interference.

C. Attach hardware using tamper-resistant or concealed fasteners.

1. Adjust and lubricated hardware for smooth operation.

3.8 ADJUSTING AND CLEANING

A. Adjust hardware and moving parts to function smoothly, and lubricate as recommended by manufacturer.

B. Clean fencing system by washing thoroughly with clean water and soap and rinsing with clean water.

3.9 PROTECTION

A. Protect finishes of fencing from damage during construction period with temporary protective coverings approved by fencing manufacturer. Remove protective coverings at time of Substantial Completion.

END OF SECTION

Attachment C
Form of Proposal

FORM OF PROPOSAL

TO:

**The Board of County Commissioners
of Washington County, Maryland
c/o Washington County Division of Engineering
Washington County Administrative Annex
80 West Baltimore Street
Hagerstown, MD 21740**

FROM:

DATE: _____

**QUOTATION DUE: Friday, October 12, 2018
4:00 P.M.**

Ladies/Gentlemen:

We hereby submit our proposal for:

GENERATOR SECURITY FENCE

Having examined the site and being familiar with pertinent local conditions affecting the work and having carefully examined the contents of this Quotation Package, Request for Quotation, Notice to Quoters/Instructions, and Task Order of Work/Specifications bearing the project title, and dated October 2, 2018 including

Addenda (if any):

Addendum No. _____ Dated _____

and having received clarification on all items of conflict or upon which any doubt arose, the undersigned proposes to furnish all labor, materials and equipment called for by the said documents for the entire work, in strict accordance with the specifications, for the stipulated total lump sum of:

Base Bid

_____ DOLLARS (\$) _____)
(Written Words) _____ Figures
Add Alternates

_____ DOLLARS (\$) _____)
(Written Words) _____ Figures
Base Bid + Add Alternates

_____ DOLLARS (\$) _____)
(Written Words) _____ Figures

FIRM NAME AND ADDRESS: _____

BY (Signature): _____

NAME AND TITLE (Printed): _____

TELEPHONE NO: _____

FAX NUMBER: _____

E-MAIL ADDRESS: _____

DATE: _____

FEDERAL EMPLOYER'S IDENTIFICATION NUMBER: _____