

State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

Request for Quotation

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COR61356

ADDRESS CORRESPONDENCE TO ATTENTION OF

JOHN ABBOTT 304-558-2544

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***323134812** 740-896-2211 BABCOCK FENCE COMPANY 214 RIVERVIEW LANE

LOWELL OH 45744 DIVISION OF CORRECTIONS

617 LEON SULLIVAN WAY

CHARLESTON, WV

25301

304-558-8045

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DATE PRINTED TERMS OF SALE SHIP VIA F.O.B. FREIGHT TERMS 05/29/2007 BID OPENING DATE: 06/26/2007 BID OPENING TIME 01:30PM CAT LINE **OUANTITY** UOP ITEM NUMBER UNIT PRICE AMOUNT FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF (XX) BONDS: THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/ MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A PERFORMANCE AND LABOR & MATERIAL BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCECPTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND.) MAINTENANCE BOND: A TWO (2) YEAR MAINTENANCE BOND COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR. REV. 11/00 EXHIBIT 7 DOMESTIC ALUMINUM, GLASS & STEEL IN PUBLIC WORKS **PROJECTS** IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION, ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF PUBLIC WORKS, WHERE THE COST IS MORE THAN \$50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS MORE THAN \$50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES SEE REVERSE SIDE FOR TERMS AND CONDITIONS: SIGNATURE TELEPHONE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

31-124-6960

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ADDRESS CHANGES TO BE NOTED ABOVE



*323134812

LOWELL OH

BABCOCK FENCE COMPANY

45744

214 RIVERVIEW LANE

State of West Virginia Department of Administration Quotation Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

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WV-36A (Rev. 01/01/07)

STATE OF WEST VIRGINIA

PURCHASE CONTINUATION SHEET

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Buyer:	Page:	Requisition or P.O. No.:					
		COR61356					
Spending Unit:							

Huttonsville Correctional Center

Unit G Wall mounted security fence to include:

36" Razor Ribbon (2 Rows attached to support brackets) (1 Row attached to intermediate rail)
Remove existing Razor wire
Galvanized support brackets
4 rows continuous barbed wire attached
3" O.D. Support Post
9 gauge x 2" galvanized chain link fabric with galvanized wire ties 12'
Wall mounted brackets
1.66" O.D. Pipe galvanized top, intermediate and bottom rails
Approximately 150' of Fencing

Therapeutic Community Fencing area to Include:

36" Razor Ribbon (2 Rows attached to support brackets)
Galvanized security brackets
4 rows continuous barbed wire attached to support brackets
3" O.D. Line Post
4" O.D. Support Post
1.66" O.D. Pipe galvanized top, intermediate and bottom rails
2 20' manually operated gates
9 gauge x 2" galvanized chain link fabric with galvanized wire ties 12'
Approximately 95' of fencing

Bidders will be responsible for taking actual measurements during pre bid meeting for bidding purposes.

Security Fencing General Standards and specifications also attached for compliance with these projects.

SECTION 11190 - SECURITY FENCING

PART 1 - GENERAL

DESCRIPTION 1.1

- Furnish all labor, materials, tools and equipment necessary to complete all security fencing A. installation as shown on the drawings, schedules and as specified herein.
- Fence is noted "Management Fence" on drawings. В.
- C. Related Work Specified Elsewhere:
 - Earthwork 1.
 - Cast-In-Place Concrete 2.
 - 3. Metal Fabrication
 - Security Hardware 4.
 - Wire and Conduit 5.

ASTM A153-82 (1987)

- Fence Protection system
- APPLICABLE PUBLICATIONS: The publications listed below form a part of this specification. The 1.2 publications are referred to in the text by the basic designation only.
 - American Society for Testing and Materials (ASTM) Specification for Zinc Coating (Hot-Dip) On Iron and Steel Hardware

	· · · · · · · · · · · · · · · · · · ·
ASTM A392-89	Zinc-Coated Steel Chain-Link Fence Fabric
ASTM A491-89	Specification for Aluminum-Coated Steel Chain-Link Fence Fabric
ASTM A53-89a	Pipe, Steel, Black and Hot-Dipped Zinc Coated (Galvanized) Welded
~	and Seamless, for Ordinary Uses
ASTM A446-89	Specification for Steel, Zinc-Coated (Galvanized) by the Hot-Dip
	Process, Structural (Physical) Quality
ASTM A824-86	Specification for Metallic-Coated Steel Marcelled+ Tension Wire for
	Use with Chain-Link Fence
ASTM B117-90	Method of Salt Spray (Fog Testing)
ASTM F567-84	Practice for Installation of Chain-Link Fence
ASTM A121-86	Zinc-Coated (Galvanized) Steel Barb Wire
ASTM C150-86	Specification for Portland Cement
ASTM C33-86	Specification for Concrete Aggregates

Federal Specifications (FS) В.

FS RR-F-191

General . . . fencing, wire and post, metal (and gates, chain-link fence

fabric and accessories)

QUALITY ASSURANCE 1.3

- Provide fencing and gates as complete units controlled by a single source including necessary A. erection accessories, fittings and fastenings.
- Provide fencing and gates bearing the trademark of the "Chain Link Fence Manufacturer's Institute". 3.
- A minimum of three equivalent installations and five years of installation experience will be required C. of the fencing installer.

1.4 SUBMITTALS

- A. Product Data: Submit manufacturer's technical data and installation instructions for fencing (fabric and framing), gates and accessories. Include recommendations for proper storage and handling of materials.
- B. Certification: Submit certification signed by the manufacturer that all products supplied on this project comply with the specifications.
- C. Submit shop drawings showing plan(s), elevations and all details for construction of security fencing. Include details of gates, posts, rails, frames, post tops, support arms, tension wires, bands and bars, bracing, ties, clips, razor ribbon, spacing, installation and complete interfacing with locks, overhead sliding gate operators and all other components.
- D. Documentation of installers experience: Submit references on three equivalent installations. Include names and phone numbers of references.

1.5 COORDINATION, DELIVERY, STORAGE AND HANDLING

- A. Installer shall be available for a Security Coordination Meeting to be held at the job site and scheduled by the Contractor.
- B. Deliver material to the site in an undamaged condition. Carefully store material off the ground to provide proper protection against oxidation.
- C. When handling material, care shall be taken not to damage framing or fabric in any way. Damaged material including, but not limited to, deformed fabric shall be rejected and removed from the site.
- D. All gate operators and locks shall be coordinated with SECURITY HARDWARE for keying and ELECTRICAL and ELECTRONIC SECURITY for power, control and operation.

PART 2 - PRODUCTS

2.1 GENERAL

- A. Manufacturers: Subject to compliance with these specifications, provide products of one of the following:
 - 1. Galvanized Steel Framing and Fabric
 - a. American Security Fence Corp., Seymour, CT
 - b. Anchor Fence, Inc., Baltimore, MD
 - c. Southeastern Wire, Tampa, FL
 - d. Allied Tube and Conduit Fence Division, Harvey, IL
 - 2. Barbed Tape
 - a. American Security Fence Corp., Seymour, CT
 - b. Allied Tube and Conduit Fence Division, Harvey, IL
 - c. MRM Security Systems, Inc., Waterbury, CT
 - d. Michael Industries, Newark, OH
- B. Used, rerolled or regalvanized materials are not acceptable.

 Dimension indicated for pipe, roll-formed and H-sections are outside dimensions, exclusive of coatings.

2.2 FENCING FABRIC

- A. Steel Fabric: No. 9 ga. (0.148" ± 0.005") steel wires, 2" mesh, with top selvage knuckled for fabric 60" high and under, and both top and bottom selvages twisted and barbed for fabric over 60" high. The bottom of sliding gate fabric shall be knuckled, the top twisted and barbed. Swing gate fabric shall be knuckled. The intermediate horizontal joining of fabric for the 14-foot fence shall be knuckled. Completed fabric shall be capable of withstanding tensile strength test of 85,000 psi and 1,200 minimum pounds of breaking strength.
 - 1. Furnish one-piece fabric widths for fencing up to 12'-6" high.
 - Fabric Finish: Galvanized, ASTM A392, Class I, with not less than 1.2 oz. zinc per sq. ft. of surface.

2.3 FRAMING AND ACCESSORIES

- A. Steel Framework, General: Shall conform to Federal Specification RR-F-191, fence, posts, gates and accessories, except as herein modified. All posts, rails and braces shall conform to FS RR-F-191/3C, Class 1, Grade A or Grade B and the requirements specified herein. Steel pipe, Grade A, heavy wall, round, shall be produced to conform to ASTM A53 standard weight (Schedule 40), except the hydrostatic testing requirement is waived, and shall have a minimum of 2 ounces of zinc coating per square foot. Steel pipe, Grade B, light wall, round, shall be manufactured by Cold-Rolling High Frequency Welding. The steel shall conform to ASTM A446 Grade D. The exterior surface shall be given a hot-dipped zinc coating of 1.0 ± 0.15 ounce per square foot followed by a chromate conversion coating and 0.5 ± 0.2 mil of clear acrylic. The interior surface shall have hot-dipped zinc coating of 1.0 ± 0.10 ounces per square foot followed by a chromate conversion coating. The product of the yield strength and the section modules shall not be less than that of pipe conforming to ASTM A53. Standard post lengths or setting in ground or in concrete shall be as required for conditions shown.
 - 1. Framework Performance Test: Pipe and tubing shall meet the following performance criteria when subjected to salt spray testing in accordance with ASTM B117:
 - a. Exterior: 1,000 hours with maximum 5 percent red rust.
 - b. Interior: 650 hours with maximum 5 percent red rust.
 - 2. All accessories shall be hot-dip galvanized in accordance with ASTM A153.
- B. End, Corner and Pull Posts: Minimum sizes and weights as follows:
 - 1. Up to 6' fabric height, 2.875" OD steel pipe, 4.64 lbs. per lin. 3.5" x 3.5" roll-formed sections, 4.85 lbs. per lin. ft., pipe 2-8750.0, 5.79 lbs. per lin. ft. (Schedule 40).
 - 2. Over 6' fabric height, 4" OD 9.11 lbs. per lin. ft. (Schedule 40) or Grade B steel tubing, 4" O.D., 6.56 lbs. per lin. ft.
- C. Line Posts: Space 10' o.c. maximum, unless otherwise indicated, of following minimum sizes and weights.
 - Up to 8' fabric height, 2.375" OD steel pipe, 3.65 lbs. per lin. ft. (Schedule 40) or 2.25" x 1.875" H-sections, 2.64 lbs. per lin. ft. or Grade B steel tubing, 2.375 O.D., 3 11 lbs. per lin. ft.
 - Over 8' fabric height, 2.875" OD steel pipe, 5.79 lbs. per lin. ft. (Schedule 40) or 2.25" x
 1.875" H-sections, 3.26 lbs. per lin. ft. or Grade B steel tubing, 2.87 O.D., 4 64 lbs. per lin. ft.
- D. Gate Posts: Furnish posts for supporting single gate leaf, or one leaf of a double gate installation, for nominal gate widths as follows:

1.	Leaf Width	Gate Post		Lbs./lin. Ft.
	Up to 12'	4.000" OD pipe	9.11	
	Over 12' to 18' Over 18'	6.625" OD pipe 8.625" OD pipe	18.97 28.55	

- E. Rail (Top, Intermediate and Bottom): Provide manufacturer's longest lengths with expansion type couplings, approximately 6" long, for each joint. Provide means for attaching top rail securely to each gate, corner, pull and end post.
 - 1. 1.66" OD pipe, 2.27 lbs. per ft. or 1.625" x 1.25" roll-formed sections. 1.35 lbs per ft. or Grade B steel tubing: 1.660 O.D., 1.82 lbs. per lin. ft.
 - 2. Rails for the intermediate and bottom locations shall be connected to the line and terminal post using boulevard bands. Attachment bolts for bands shall be 5/16 inches x 1-1/2 inch carriage bolts with nuts. Each bolt shall be peened after being installed.
- F. Post Tops: Post tops shall be pressed steel, or malleable iron, designed as a weather tight closure cap for posts. Provide one cap with loop to receive tension wire or top rail for each post, unless equal protection is afforded by combination top cap and barbed wire supporting arm where barbed wire or barbed tape is required.
- G. Tension Wire: Tension wire shall be seven gauge, Class III, hard-tempered carbon steel hot dip galvanized (ASTM A824). Hog rings for attaching the wire to the fabric shall be installed at intervals not exceeding 24 inches.
- H. Wire Ties: Nine gauge steel to match fabric core material.
- I. Post Brace Assembly: Manufacturer's standard galvanized adjustable turnbuckle at end and gate posts and at both sides of corner and pull posts, with horizontal brace located at mid-height of fabric. Use same materials as top rail for brace, and truss to line posts with 0.375" diameter rod and galvanized adjustable turnbuckle.
- J. Stretcher Bars: One-piece lengths equal to full height of fabric with minimum cross-section of 3/16" x 3/4". Provide one stretcher bar for each gate and end post, and two for each corner and pull post.
- K. Stretcher Bar Bands: Bar bands shall be heavy-pressed steel, 3/4" x 1/10" nominal to secure tension bars to tubular end, corner, pull, gate posts and embedded angles. Space bar bands not more than 15 inches on center.
- L. Post Braces: Post braces shall be of the same material as the rails and shall extend from the terminal, corner or pull post to the first adjacent line post. Braces shall be securely fastened to the posts by heavy-pressed steel and malleable fittings, then securely trussed from line post to base of terminal post with a 3/8" truss road equipped with an adjustable galvanized turnbuckle.
- M. Fittings: Malleable steel, cast iron or pressed steel, Fittings to include extension arms for barbed wire, stretcher bars and clamps, clips, tension rod, brace rod, hardware, fabric bands and fastenings, and all accessories.
- N. Barbed Wire Support Arms: Manufacturer's standard barbed wire support arms, metal and finish to match fence framework, with provision for mechanical anchorage to posts and attaching three rows of barbed wire to each arm. Supporting arms shall be integral with post top weather cap and must be capable of withstanding 25 lbs. downward pull at outermost end. At corner posts, use corner arms of one-piece malleable steel mechanically fastened to the post. Provide the following type(s) and see fence types for locations:

- 1. Single 45 degrees arm; for 3-strand barbed wire, one for each post.
- O. Barbed Wire: 2-strand, 12-1/2 ga. wire with 14 ga. 4-point barbs spaced not more than 5" o.c., wire shall conform to ASTM A121, Class I, and shall be hot-dip galvanized steel.

P. Barbed Tape:

1. Barbed tape coil shall be 30" diameter. Barbed tape material shall be 430 stainless steel hardened to Rockwell (30N) 40-45. Strip shall measure 0/025" by 1" before fabrication. The barb clusters shall be spaced 4 inches on center with individual needle-sharp barbs having a length not less than 1.2 inches. [Each loop shall have 23-barb clusters. The barbed tape shall be permanently cold-clenched over a spring steel wire having a tensile strength of 130,000 psi and a diameter of 0.098 inch.

The barbed tape shall have a minimum 230° wrap about the core wire. The center core wire shall be 0.098" diameter austenitic stainless steel. The stainless steel strip between barb clusters shall be 0.325" wide minimum, after roll forming in order to create two cut-resistant, strengthening flanges extending out from the wire. These flanges shall taper off in the immediate vicinity of the barb cluster to allow maximum barb penetration. Adjacent helical coils shall be clipped together in five locations and the circumference to obtain a concertina effect. Attachment spacing of the extended coil shall be 12" ± 2". Each coil shall have 51 loops and cover 25'-0" ± 2'-0", when fully extended. Clips shall be fabricated from stainless steel. Clip dimensions are 0.065" x 0.375". Clips shall be capable of withstanding a minimum pull load of 100 pounds.

- a. Twistable wire ties for securing the barbed tape shall be 18 gauge stainless steel.
- b. Hog Ring for securing barbed tape shall be a minimum of 11 gauge stainless steel.
- 2. Barbed tape obstacle shall be (30") diameter fabricated from .025" thick AISI 301 series stainless strip hardened to Rockwell (30N) 50-55. Clusters of four barbs having a maximum tip radius of .005" shall be punched 4" on center. Barb cluster width shall be 1.210". Barbs shall have a minimum length of 1.2". Barbs shall be alternately offset from the tape centerline .15-.45". Each coil loop shall contain 24 ± 1-barb clusters. Adjacent coil loops shall be alternately spot welded at five points of approximately equal spacing about the perimeter in such a way as to prevent any slipping of one past the other at the point of attachment. Each welded attachment shall be capable of surviving a minimum pure tensile load of 400# (1) jacketed stainless steel wire rope 7 x 7 strand to each coil loop along the length of the obstacle. Wire rope shall fix the concertina opening at 12" ± 1'-0" coil loops shall cover 50' ± 2'.
 - Twistable wire ties for securing the barbed tape shall be 18 gauge stainless steel.
- Q. Concrete: Provide concrete consisting of portland cement, ASTM C150, aggregates ASTM C33, and clean water. Mix materials to obtain concrete with a minimum 28-day compressive strength of 2500 psi using at least four sacks of cement per cu. yd., 1" maximum size aggregate, maximum 3" slump, and 2% to 4% entrained air.

2.5 GATES

- A. Gate Types: Gates shall be swing or sliding as indicated on the drawings, complete with latches, stops, keepers and hinges [or rollers and roller tracks].
- B. Gate Sizes:
 - 1. Swing Gate Frames Height up to 6'-0" high and leaf width 8'-0" or less.
 - a. Pipe: 1.660" OD, 2.27 lb. per lin. ft., Schedule 40.
 - b. Grade B Steel Tubing: 1.660" OD, 1.84 lb. per lin. ft.
 - 2. Swing Gate Frames Height 6'-0" to 12'-0" or leaf width exceeding 8'-0":

- a. Piipe: 1.90" OD, 2.72 lb. per lin. ft., Schedule 40.
- b. Grade B Steel Tubing: 1.90" OD, 2.28 lb, per lin, ft.
- 3. Swing Gate Frames Height 12'-1" to 16'-0".
 - a. Pipe: 2.375" OD, 3.65 lb. per lin. ft., Schedule 40.
- C. Gate Frames: Assemble gate frames by welding or with special steel fitting and rivets for rigid connections. Install mid-height horizontal rails on all gates over 10-foot high. When width of gate leaf exceeds 10 feet, install mid-distance vertical tubing of the same size and weight as frame members. Provide truss rods as cross bracing to prevent sag or twist. All welded connections shall be painted with three coats of zinc rich paint.
- D. Gate Fabric: Fabric shall be the same type as used in the fence construction. The fabric shall be attached securely to the gate frame at intervals not exceeding 12 inches. Secure fabric to frame with tension bars, tension bands and 9-gauge steel wire.
- E. Gate Accessories: Gate accessories shall be hot-dip galvanized with zinc coating of no less than 2 ounces of zinc per square foot. Gate latches, stops, and keepers shall be provided as appropriate for all gates. Latches shall have a plunger-bar or center drop rod of full gate height arranged to engage the center stop, except that for single leaf gates, gate latch shall be a forked gravity drop bar with positive locking features. Latches shall be arranged for locking with specified locking hardware. Center stops shall consist of a device arranged to be set in concrete and to engage a plunger-bar of the latch of double gates. Locking devices shall be constructed so that the center drop rod or plunger bar cannot be raised when locked. No stop is required for single gates. Keepers shall consist of a mechanical device for securing the free end of the gate when in the full open position. Gates and posts shall be modified as required to receive hardware including locking and operating mechanisms as herein specified.
- F. Gate Hinges: Hinges shall be security type of adequate heavy duty strength for gate and with large bearing surfaces for clamping in position. The hinges shall not twist or turn under the action of the gate. The gates shall be capable of being opened and closed easily by one person.
 - 1. Hinges: Shall be a non-lift-off type, offset to permit 180° swing, and of suitable size and weight to support gate. Provide 1-1/2 pair of hinges for each leaf over 6 feet high.
- G. Gate Modifications: Key access ports shall be installed where required for hardware access.
- H. Double Leaf Gates: Size and configuration shall be as indicated. Provide gate stops for all double gates, consisting of mushroom type or flush plate with anchors. Set in concrete to engage the center drop rod or plunger bar. Provide locking device and padlock eyes as an integral part of the latch, requiring one padlock for locking both gate leaves where padlocks are called for.
- I. Barbed Wire at Gates: Where barbed wire is indicated above gates, extend end members of gate frames and prepare to receive six strands of wire. Provide necessary clips for securing wire to extensions.
- J. Barbed Tape at Gates: Where barbed tape is indicated above gates, extend end members of gate frames and prepare to receive tension wire to support barbed tape. Provide specified accessories to attach barbed tape to tension wire.
- K. Gate Hardware: Provide for hardware for each gate as per the gate schedule and the SECURITY HARDWARE section 11 194.

PART 3 - EXECUTION ---

3.1 INSTALLATION

- A. Installation of fencing shall meet the requirements of ASTM P567. Erect fencing in straight lines between angle points by skilled mechanics experienced in this type of construction. Erect in accordance with these Specifications and manufacturer's recommendations as approved in the shop drawings.
- B. Do not begin installation and erection before final grading is completed, unless otherwise permitted.
- C. Excavation: Drill or hand excavate grade beams and holes for posts to dimensions and spacings indicated. Excavation is to be in firm, undisturbed or compacted soil. Use post hole digger for posts.

If not indicated on drawings, excavate holes for each post to minimum diameters as recommended by fence manufacturer, but not less than four times the largest cross-section of the post

2. Unless otherwise indicated, excavate hole depths approximately 3" lower than post bottom, with bottom of posts set not less than 36" below finish grade surface.

3. Setting posts in rock: Drill holes into solid rock 1" wider than pipe diameter, 18" deep for end, pull, corner and gate posts; 12" deep for line posts. Set posts into holes and fill annular space with non-shrink grout.

- D. Setting Posts: Center and align posts in holes 3" above bottom of excavation.
 - Place concrete around posts and vibrate or tamp for consolidation. Check each post for vertical and top alignment, and hold in position during placement and finishing operations.
 - a. Unless otherwise indicated, extend concrete footings 2" above grade and trowel to a crown to shed water.
 - b. The top surface of the grade beam shall have a crown watershed finish, unless otherwise shown on the Drawings or unless field conditions require sloping in one direction in order not to trap water runoff.
 - 2. Provide corner or pull posts for any change in direction of 15° or more and for any abrupt change in grade, with bracing in both directions. All posts, including line posts and terminal posts, shall be installed such that if a 40-pound force is applied perpendicular to the fence line at the top of the post, the post will deflect not more than 2" at the top.
 - 3. Mechanically fasten post tops to posts as they are being installed to prevent rain water from collecting in posts during installation.
- E. Top Rails: Run rail continuously through post caps, bending to radius for curved runs. Provide expansion couplings as recommended by fencing manufacturer.
- F. Center Rails: Provide center rails where indicated. Install in one piece between posts and flush with post on fabric side, using special offset fittings where necessary.
- G. Brace Assemblies: Install braces so posts are plumb when diagonal rod is under proper tension.
- H. Tension Wire: Install tension wires through post cap loops, if top rails are not indicated, before stretching fabric and tie to each post cap with not less than 6-gauge galvanized wire. Fasten fabric to tension wire using 11-gauge galvanized steel hog rings spaced 24" o.c.

I. Fence Fabric:

1. When handling and installing fabric, support and brace as required to prevent deformation or any other damage of chain links.

2. Fasten chain-link fabric to end posts with tension (stretcher) bars and tension (stretcher) bar bands at spacing herein specified. Fabric shall be installed such that it will pass the fabric tension test herein specified. Pull fabric taut and secure to top tension wire.

- 3. Fence fabric shall be secured to all rails and posts that are not terminal posts with wire ties at spacing herein specified. Tie down wire shall be woven through the fence fabric, completely around the rail, and wire shall be twisted securely with three twists on the rail side of the fence. The tails of the wire shall be cut off to preclude untwisting by hand. Twist shall be on non-secure side of fence. Secure fabric to posts using integral fastening loops at end, corner and gate posts for full length of each post.
- J. Stretcher Bars: Thread through or clamp to fabric 4" o.c., and secure to posts with metal bands spaced 15" o.c.
- K. Connectors and Accessories: After installation, all threaded connectors and accessories shall be peened or tack welded.
- L. Gates: Install gates plumb, level and secure for full opening without interference. Install ground-set items in concrete for anchorage. Adjust for smooth operation and lubricate where necessary. The maximum clearance between the bottom of the gate in closed position and ground shall be 3".
- M. Hardware: Install Security Hardware in accordance with the manufacturer's recommendations and accepted shop drawings.
- N. Operators: Install gate operators in accordance with the manufacturer's recommendations and accepted shop drawings.
- O. Tie Wires: Use U-shaped wire, conforming to diameter of pipe to which attached, clasping pipe and fabric firmly with ends twisted at least three full turns. Bend ends of wire to minimize hazard to persons or clothing.
 - 1. Tie fabric to line posts wire ties at 12" o.c.
 - 2. Tie fabric to rails and braces wire ties at 24" o.c.
 - 3. Tie fabric to tension wires hog rings at 24" o.c.
 - 4. Tie fabric to fabric horizontally hog staples at 15" o.c. maximum.
- P. Fasteners: Install nuts for tension bands and hardware bolts on side of fence opposite fabric side. Peen ends of bolts or score threads to prevent removal of nuts.
- Q. Connections At Buildings: Connections to buildings shall be made at the locations indicated on the drawings to provide a finished installation. All necessary cutting, fasteners and materials to make the connections shall be provided. Space between pipe and building shall not exceed 1".
- R. Bracing: Brace terminal posts with intermediate horizontal rails at midpoint above grade and secure diagonal braces to the terminal post and adjacent line post, or its footing, at maximum of 50° angle between the diagonal brace and grade.
- S. Barbed Wire: Pull wire taut and install securely to extension arms and end post or terminal arms in accordance with manufacturer's instructions.

T. Barbed Tape: Install on the top, side and base of the security fence as indicated on the drawing.

The barbed tape installed on the top of the extension arm shall be secured to the single strand of barbed wire at the preset distance of 12" on center. The barbed tape will be secured to the barbed wire and top of the fence by using stainless steel twistable wire ties or stainless steel hog rings in accordance with the barbed tape manufacturer's recommendations.

U. Temporary Fence Installation:

- Contractor shall be responsible for removal of all temporary fencing, the restoration of site
 conditions to the satisfaction of the Owner's representative, and the salvage and return to the
 Owner of all removed materials. Salvage shall be defined as removing, transportation and
 handling of all fence materials except concrete and other expendables (i.e., tie wires) and
 return to the Owner at a location on site acceptable to the Owner's representative after
 notification by the Owner to the Contractor that materials are to be removed and salvaged.
- Disassembly and salvage of materials shall be done with adequate precaution and in such a
 manner as not to damage beyond normal wear and tear, any materials that are salvageable.
 Contractor will be assessed the cost of replacement of materials should abuse or mishandling
 occur.
- V. Soil Sterilant: Following installation of the fencing, apply a soil sterilant in the 20-foot minimum zone between the fences that comprise the permanent double perimeter fence. Coordinate with the State that all detection systems have been installed prior to applying the sterilant. The areas shall be wetted down with a water wagon and immediately treated with a commercial soil sterilant approved by the State, or as follows: 2 lbs. sodium chlorate (crystals) in solution with two gallons of water for each 100 SF, apply under pressure. A Certificate of Treatment shall be issued to the State stating the materials and quantities used and the time of application. Under no circumstances shall any of the material be allowed to spill or blow over onto areas not designated for treatment.

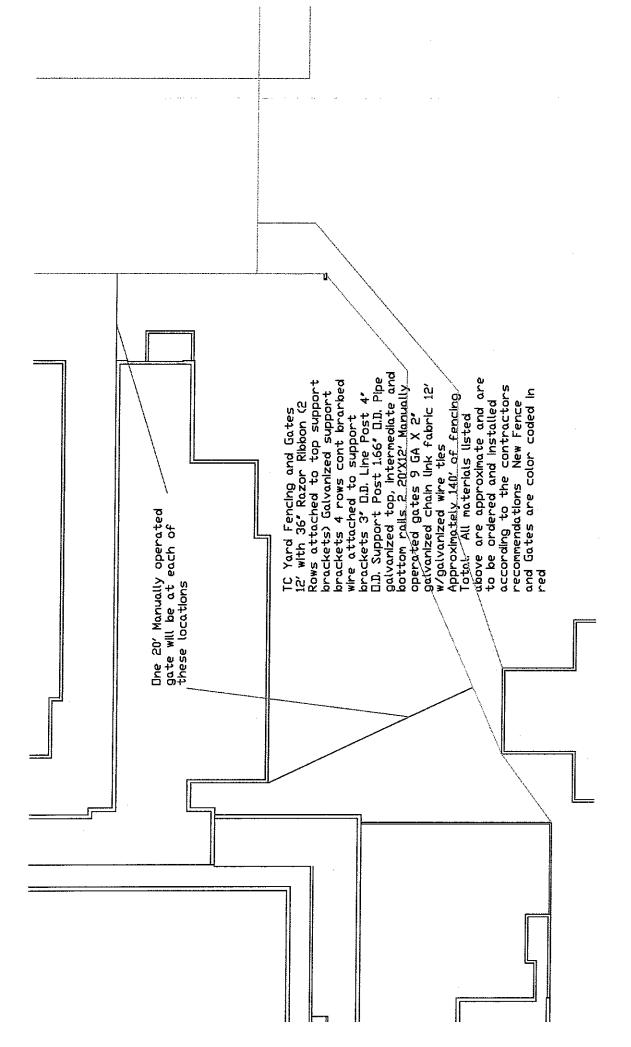
3.2 QUALITY CONTROL

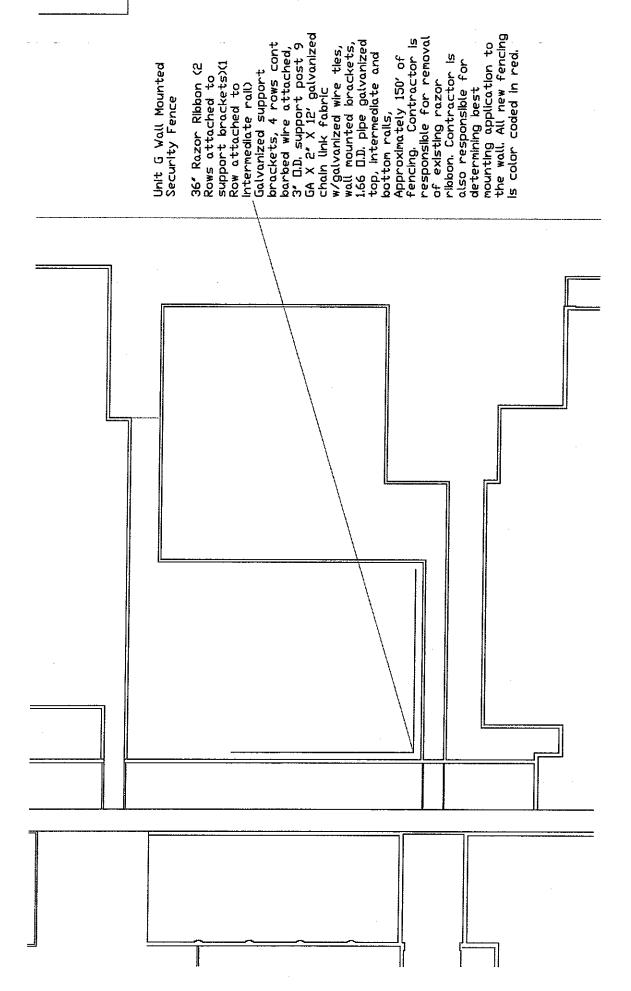
- A. Gate Demonstration: Contractor shall schedule demonstration of proper operation of gates, locks and operators with the Architect. Contractor shall assure that all responsible parties are in attendance.
- B. Testing of Fence Fabric: Each fence panel shall be constructed such that it will pass the following test. Deflection of fence fabric shall be no greater than 2" when a force of 30 pounds is applied in the center of the panel, perpendicular to the plane of the fence fabric. Fabric shall return to original position when force is released. At the discretion of the Architect, fence testing may occur at any time after the fence has been installed and again at substantial completion.

3.3 FINAL CLEAN-UP

- A. Remove surplus materials from the site.
- B. Clean up work area of all debris upon completion of the work.

END OF SECTION 11190





STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

LICENSING: Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit **www.state.wv.us/admin/purchase/privacy** for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name:	Babcock	tence (ompany	,		
Authorized Signatur	re: //) / (2/1	_Date: _	6/30/07	
Purchasina Affidavit (Rev	vised 04/15/07)					



State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

SHIP

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RFQ NUMBER COR61356

ADDRESS CORRESPONDENCE TO ATTENTION OF: JOHN ABBOTT 304-558-2544

***323134812** 740-896-2211 BABCOCK FENCE COMPANY 214 RIVERVIEW LANE

LOWELL OH 45744 DIVISION OF CORRECTIONS

617 LEON SULLIVAN WAY

CHARLESTON, WV 25301

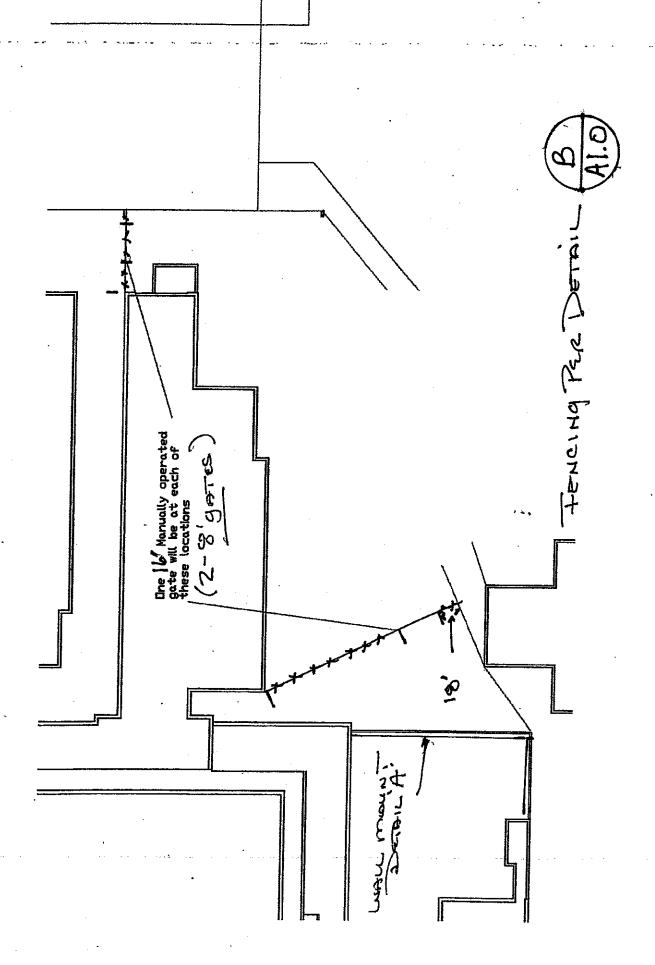
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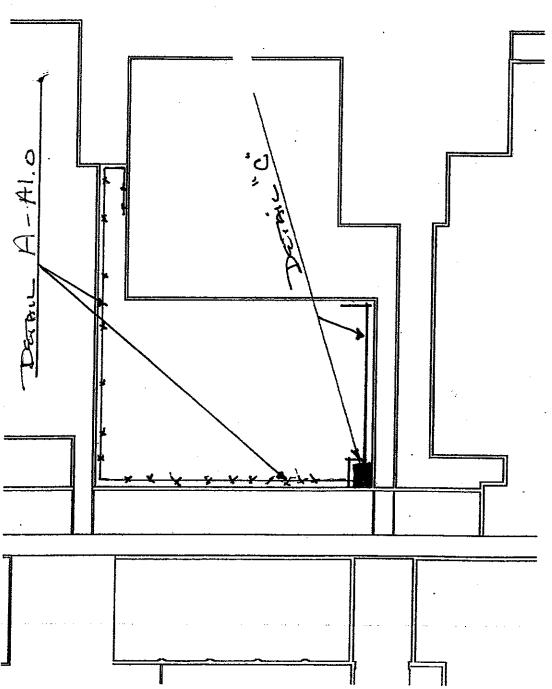
ADDENDUM NO. 1

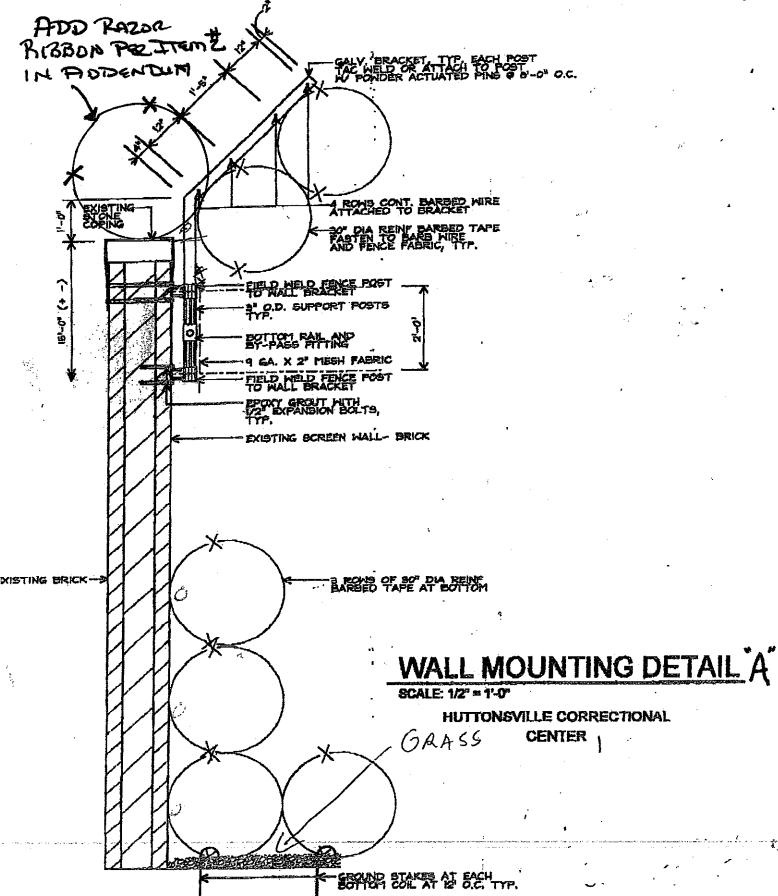
The following information consists of the addendum to the Huttonsville Correctional Center Fencing Project.

Item #1	Contractor to add 27'0" to existing fence as per Wall Mounting Detail "A" at courtyard wall.
Item #2	Contractor to install 75'0" of 30" razor ribbon on top of parapet as shown on Wall Mounting Detail "A".
Item #3	Contractor to install 39" 0" of 12'0" high fence per Detail "B" A1.0 from corner of "D" Building to existing fence as shown with 2 - 8ft gates.
Item #4	Contractor to install 83'0" of 12'0" high fence per Detail "B" A1.0 from corner of "D" Building to existing fence as shown with 2 - 8ft gates.
Item #5	Contractor to install 110'0" of 12'0" high fencing at Unit "G" location on drawing per Detail "C"
Item #6	Contractor to install 250'0" of 30" razor ribbon at Unit "G" location on drawing per Detail "A" A1.0
Item #7	Extend Bid Opening date changed to July 3, 2007 @1:30 P.M.
Item #8	Contractor must repair any damaged landscaping at completion of job.
Item #9	Unit "G" recreation yard will be shut down during construction and contractor may remove section of green fencing during construction for access and reinstall at job completion.
Item #10	Timeline for project will be 60 Calendar Days from to Notice to Proceed









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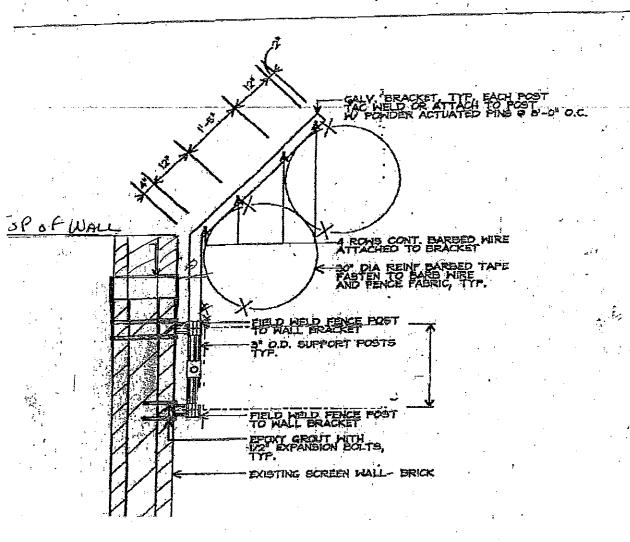
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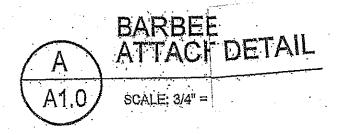
WALL MOUNTING DETAIL C

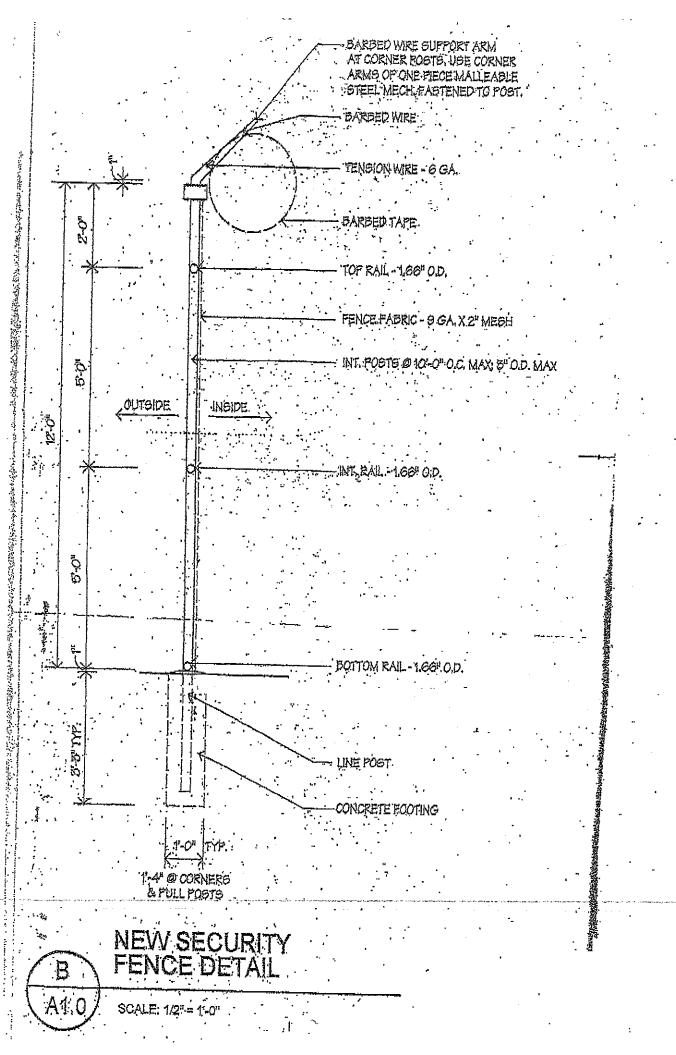
BOTTOM RAIL-1.66".O.D.

SCALE: 1/2" = 1'-0"

HUTTONSVILLE CORRECTIONAL CENTER 1







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Pre-Bid Conference SIGN IN SHEET

[Please Print]

Request for Proposal No.:	(61356 Date: 6-	13-07
Firm & Representative Name	Mailing Address	Telephone & FAX Numbers
1. Babcack Fence Co. Mike Babcock	214 Riverview Lane Lowell, OH 45744	T: 740-896-221) F: 740896-2277
2. Develos Ferce	492 Washington Acc. Oak 4111, web 25901	T: <u>304-469-</u> 4366 F: <u>304-469-4</u> 366
3. J.T. MURPHY HCC	POBOX/ Hustonsville WV 26273	T: <u>304-335-</u> 2291 F: <u>304-335</u> -4256
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Please print or write legibly. The fax number is essential to contact the attendees in a timely manner.

WV-36a STATE OF WEST VIRGINIA

PURCHASING CONTINUATION SHEET

Sabcock fence Company

Buyer: Page Req. or P.O. No.: JA-32 COR61356 10

Spending Unit:

Requisition No.:_COR61356

ADDENDUM ACKNOWLEDGEMENT

I hereby acknowledge receipt of the following checked addendum(s) and have made the necessary revisions to my proposal, plans and/or specifications, etc.

Addendum No.'s:

No. 1 MSB Recent 6/23/07

No. 2 _____

No. 3

No. 4 _____

No. 5

I understand that failure to confirm the receipt of the addendum(s) may be cause for rejection of bids.

	BID GU	JARAN'TY AN	D CONTRACT	BOND
		Section 153.571 (Ohio Revised Code)	-1
KNOW ALL MEN BY THESE PRESENTS, That we, the Undersign	Michael S ed Company	. Babcock	dba Babcock	Fence
214 Riverview Ln., Lowell, OH 45744				
(Name and Addi	·ess)			
as Principal andWESTERN SURETY COMPANY				
as Surety, are hereby held and firmly bound unto WEST VIRGIN			sum of the dollar	amount
of the bid submitted by the Principal to the Obligee on the Project known as:	July 3rd	,20	007to ur	dertake
Security Fence Addition at Huttonsville Correct	tion Center;	COR61356		
	,			
The penal sum referred to herein shall be the dollar amount of the or deductive alternate proposals made by the Principal on the date the Obligee. In no case shall the penal sum exceed the amount of	referred to above	s to the Oblige	e, which are acce	additive epted by
hundred fifty dollars		dollars (\$63,8	850	١

70333412

Bond No. .

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that whereas the above named Principal has submitted a bid on the above referred project:

jointly and severally bind ourselves, our heirs, executors, administrators, successors, assigns.

(If the above line is left blank, the penal sum will be the full amount of the Principal's bid, including alternates. Alternatively, if completed, the amount stated must not be less than the full amount of the bid, including alternates, in dollars and cents. A percentage is not acceptable.) For the payment of the penal sum well and truly to be made, we hereby

NOW, THEREFORE, if the Obligee accepts the bid of the Principal and the Principal fails to enter into a proper contract in accordance with the bid, plans, details, specifications and bills of material; and in the event the Principal pays to the Obligee the difference not to exceed ten percent of the penalty hereof between the amount specified in the bid and such larger amount for which the Obligee may in good faith contract with the next lowest bidder to perform the work covered by the bid; or in the event the Obligee does not award the contract to the next lowest bidder and resubmits the project for bidding, the Principal will pay the Obligee the difference not to exceed ten percent of the penalty hereof between the amount specified in the bid, or the costs, in connection with the resubmission, of printing new contract documents, required advertising and printing and mailing notices to prospective bidders, whichever is less, then this obligation shall be void, otherwise to remain in full force and effect. If the Obligee accepts the bid of the Principal and the Principal within ten days after the awarding of the contract, enters into a proper contract in accordance with the bid, plans, details, specifications and bills of material which said contract is made a part of this bond the same as though set forth herein; and

IF THE SAID Principal shall well and faithfully perform each and every condition of such contract; and indemnify the Obligee against all damage suffered by failure to perform such contract according to the provisions thereof and in accordance with the plans, details, specifications, and bills of material therefor; and shall pay all lawful claims of subcontractors, materialmen, and laborers, for labor performed and materials furnished in the carrying forward, performing, or completion of said contract; we agreeing and assenting that this undertaking shall be for the benefit of any materialman or laborer having a just claim, as well as for the Obligee herein; then this obligation shall be void; otherwise the same remain in full force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as herein stated.

THE SAID Surety hereby stipulates and agrees that no modifications, omissions, or additions, in or to the terms of said contract or in or to the plans, and specifications therefore shall in any wise affect the obligation of said Surety on this bond, and it does hereby waive notice of any such modifications, omissions or additions to the terms of the contract or to the work or to the specifications.

SIGNED AND SEALED This _	3rd	day of	July	,2007	
PRINCIPAL:			SURETY:		j.
Michael S. Babcock dba B Company	abcock	Fence	WESTERN	SURETY COMPANY	
By: Mul-JA			By: Tony	E. Tullius	Attorney-In-Fact
TITLE: OWNER				U	
SEC. 9.32 REQUIRES AWARDING TO GIVE WRITTEN NOTICE TO <u>S</u>	AUTHORI URETY AN	ITIES, SIMUL ND <u>AGENT</u> .	TANEOUSLY WITH	NOTICE OF AWARD 1	O CONTRACTOR,
101 S. Phillips Ave.			SCHWENDEMAN	AGENCY, INC.	
Street				Agency Name	
Sioux Falls, SD 57104	-6703		109 PUTNAM S	T.	
City St	ate	Zip		Street	
Phone No. (605) 336-08	50		Marietta	ОН	45750-2987
			City	State	Zip
			740-373-	6793	

STATE OF	Oh.		(Attorney-in-Fact)	Bond	70333412	
COUNTY OF_	Washi	ngton }	ss (===================================	Dona		
On this	3rd	day of	July	2007	, befo	ore me, a notary public in
and for said Cou			Tonya E.	_Tullius	3	
to me personall	y known an	d being by me du	ly sworn, did say, that he is the Attorney-i	in-Fact of W	ESTER	N SURETY COMPANY
a corporation of	Sioux Falls	s, South Dakota,	created, organized and existing under and	d by virtue	of the la	ws of the State of South
Dakota, that th	e said instr	ument was exec	uted on behalf of the said corporation by	authority of	its Bo	ard of Directors and that
the said			Tonya E. Tull			and of Different Made William
acknowledges s	aid instrum	ent to be the fre	e act and deed of said corporation and th		uthorita	to sign gold instrument
without affixing	the corpora	ite seal of said co	rporation. into subscribed my name and affixed my of			w sign said instrument
	Mar	<u>ietta</u>	, Ohio			ear last above written.
My commission Decombe	expires SH	_, 2008	JENNIFER In and Fi	J. PUGH, Nota	ary Public of Ohio	(Righ) Notary Public

ACKNOWLEDGMENT OF SURETY

Western Surety Company

POWER OF ATTORNEY - CERTIFIED COPY

				Bond No	70333412
Know All Men By Thes of the State of South Dakot constitute and appoint	a, and having its princ	FERN SURETY COMI ipal office in Sioux Fal a E. Tullius	PANY, a corporation of ls, South Dakota (the	luly organized "Company"), d	and existing under the laws oes by these presents make,
its true and lawful attorney behalf as Surety, bonds for:	(s)-in-fact, with full po	wer and authority here	by conferred, to execu	ute, acknowled	ge and deliver for and on its
Principal: Michael	S. Babcock di	oa Babcock Fen	ce Company		
Obligee: WEST VI	RGINIA DIVISIO	ON PURCHASING			
Amount: \$500,00	0.00				
and to bind the Company th the corporate seal of the Co- may do within the above sta Company which remains in	mpany and duly attest ited limitations. Said	ed by its Secretary, he:	eby ratifying and con-	firming all that	the said attorney(s)-in-fact
"Section 7. All bonds, corporate name of the Compoficers as the Board of Direc may appoint Attorneys in F. The corporate seal is not ne corporation. The signature of	oany by the President, ctors may authorize. T act or agents who shall ecessary for the validit	Secretary, any Assista he President, any Vice I have authority to issi y of any bonds, policie	nt Secretary, Treasur President, Secretary, ne bonds, policies, or u s. undertakings, Pow	er, or any Vice any Assistant Indertakings in ers of Attorney	Secretary, or the Treasurer the name of the Company
All authority hereby con 2007 , but until suc	nferred shall expire and h time shall be irrevoc	d terminate, without nable and in full force ar	otice, unless used befo d effect.	re midnight of	October 3,
In Witness Whereof, W	estern Surety Compan	y has caused these pre	sents to be signed by	its Senior Vice	President, Paul T. Bruflat,
and its corporate seal to be a	dixed this	day of	WESTER	SURE Paul T. Bru	TY COMPANY
COUNTY OF MINNEY AHA	ss				
Paul T. Bruflat, who being WESTERN SURETY COMP	day of <u>July</u> to me duly sworn, ac ANY and acknowledge	knowledged that he s	igned the above Pow	er of Attorney	public, personally appeared as the aforesaid officer of orporation.
S NOTA F	Y PUBLIC (A)			No	tary Public - South Dakota
My Commission Exp	oires November 30, 2012	2			
I the undersigned office attached Power of Attorney i set forth in the Power of Atto	is in full force and effec	ompany, a stock corport and is irrevocable, a	ration of the State of nd furthermore, that	South Dakota, Section 7 of the	do hereby certify that the bylaws of the Company as
In testimony whereof, I	have hereunto set my l 2007	nand and seal of Weste		_	3rd day of
			WESTER	SURE	TY COMPANY
			Tak	17.13	will to

Paul T. Bruflat Senior Vice President

Office of Financial Regulation Services 2100 Stells Court Columbus, OH 43215-1087 (814) 944-2668 Fox (614) 644-3256 www.shioksummon.gov

Ohio Department of insurance

Ted Strickland - Governor Many Jo Hudeon - Cirector

Cartificate of Compliance



Israed
Effective
Expires

03/28/07 04/02/07 04/01/08

I, Mary Io Hudson, hereby certify that I am the Director of Insurance in the State of Ohio and have supervision of insurance business in said State and as such I hereby certify that

WESTERN SURETY COMPANY

is authorized to transact the business of insurance under the following section(s) of the Ohio Revised Code:

Section 3929.01 (A) Fidality Other Liability Surety

WESTERN SURETY COMPANY certified in its annual statement to this Department as of December 31, 2006 that it has admitted assets in the amount of \$959.642,190, liabilities in the amount of \$610.627.018, and surplus of at least \$349.015.172.

IN WITNESS WHEREOF, I have hereunto subscribed my name and caused my seal to be affixed at Columbus, Ohio, this day and date.

Mary Jo Hudson

Cirector

M87230/Ray 9/20031

Activation by the Helican Association of Houseast Commissioners (RAIC)

WESTERN SURETY COMPANY Sioux Falls, South Dakota Statement of Condition and Affairs December 31, 2006

ASSETS	
Bonds Stocks Cash and short-term investments Other invested assets Uncollected premiums and agents' balances Amounts recoverable from reinsurers Funds held by or deposited with reinsured companies Federal income tax recoverable Net deferred tax asset Electronic data processing equipment and software Investment income due and accrued Other assets Total Assets	\$746,774,301 18,582,255 92,003,241 22,130 38,560,254 1,741,076 33,145,165 856,171 15,833,057 1,669,285 9,662,524 792,731 \$959,642,190
LIABILITIES AND SURPLUS	•
Losses Loss adjustment expense Contingent and other commissions payable Other expense Taxes, licenses and fees Unearned premiums Retroactive reinsurance reserve assumed Other liabilities Total Liabilities	\$217,493,474 56,465,342 3,924,607 19,371,110 3,197,224 244,883,556 10,535,196 54,756,509 610,627,018
Surplus Account: Capital paid up Gross paid in and contributed surplus Unassigned funds Surplus as regards policyholders Total Liabilities and Capital	\$349.015,172 \$959,642,190

I, Philip E. Lundy, Vice President and Treasurer of Western Surety Company hereby certify that the above is an exact copy of the financial statement of the Company dated December 31, 2006, as filed with the various Insurance Departments and is a true and correct statement of the condition of Western Surety Company as of that date.

Western Surety Company

KATHRYN 1. SCHROEDER

By Citic C Vice President, Treasurer

Subscribed and sworn to me this 20 day of February , 2007.

My commission expires:

KATHRYN J. SCHROEDER

My Commission Expires 7-21-2009