Purchasing

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ADDENDUM #3
IFB # 03102009-1400

NEW CONSTRUCTION – KING GEORGE COUNTY SHERIFF'S OFFICE

This Addendum #3 contains revisions to the Project Manual, Drawings, and provides answers to all questions received as of March 3, 2009.

REVISIONS TO THE PROJECT MANUAL AND DRAWINGS

ADD 3.1: BID FORM

REPLACE the Bid Form with Attached Bid Form

ADD 3.2: SPECIFICATION SECTION 011000:

1.3 WORK COVERED BY CONTRACT DOCUMENTS

D. **DELETE:** Construction Manager: TBD
ADD: Construction Manager: Ed Moore, Construction Management Services, PO Box 1360, King George VA. 22485

2**. DELETE:** Construction Manager for this Project is Project's Constructor. In Division 01 through 49 Sections, the terms "Construction Manager" and "Contractor" are synonymous.

1.6 USE OF PREMISES

A. Use of Site: Limit use of total Government Center premises to areas within the Contract limits indicated. Do not disturb portions of Government Center site beyond areas in which the Work is indicated.

ADD 3. Contractor may use a portion of the Health and Human Services Building site as a lay-down area with written approval from the Owner.

ADD 3.3: SPECIFICATION SECTION 013100:

1.7 PROJECT MEETINGS

E. Coordination Meetings

1. **DELETE:** Attendees: In addition to representatives of Owner, Construction Manager, and Architect, each contractor, subcontractor, supplier, and other entity concerned with current progress or involved in planning, coordination, or performance of future activities shall be represented at these meetings. All participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.

ADD: Attendees: In addition to representatives of Owner, Construction Manager, and Architect, the contractor may invite subcontractors, suppliers, and other entities concerned with current progress or involved in planning, coordination, or performance if future activities as the contractor deems necessary. All participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.

ADD 3.4: SPECIFICATION SECTION 013200:

2.2 CONTRACTOR'S CONSTRUCTION SCHEDULE, GENERAL

C. Activities

2**.** Procurement Activities:
d. **DELETE:** Communication equipment / tower. *(Work will be by Owner's vendor under separate contract)*

ADD 3.5: SPECIFICATION SECTION 013513.16:

1.6 DETENTION SPECALIST

A. Detention Specialist

ADD: 7. United Prison Equipment

ADD 3.6: SPECIFICATION SECTION 015000:

2.2 TEMPORARY FACILITIES

B. Common-Use Field Office

ADD 8. Furnish room for Construction Manager with separate desk, two chairs, telephone, fax machine, and electronic communication service.

ADD 3.7: SPECIFICATION SECTION 12300:

3.1.1 SCHEDULE OF DEDUCT ALTERNATES

E. ALTERNATE No. 5, FINISH SUBSTITUTIONS

1. Base Bid: as indicated in Bid Documents.
2. Alternate:

DELETE: Make the following substitutions:
Substitute all ceiling tiles scheduled as APC-1 and APC-2 with ceiling tile schedules as APC-3.
Substitute all ceramic tile scheduled as CT-1 in room 112 with resilient tile schedules as VCT-1.
Substitute all ceramic tile base scheduled as CTB-1 in room 112 with VWB-1.

ADD: Substitute all acoustic ceiling tiles scheduled as APC-1 and APC-2 with acoustic ceiling tile scheduled as APC-3.
Substitute all ceramic tile scheduled as CT-1 within Rooms 101, 104, 104A, 200, 202D with resilient tile scheduled as VCT-1, VCT-2, VCT-3 in a pattern to match the floor pattern in Room 112.
Substitute all ceramic tile base scheduled as CTB-1 within rooms 101, 104, 104A, 200, 202D with resilient vinyl wall base scheduled as VWB-1.
Substitute ceramic tile CT-1 in rooms 102, 103, 107, 108, 120C, 203, 204 with ceramic tile scheduled as CT-3.

Substitute ceramic tile wall base CTB-1 in Rooms 102, 103, 107, 108, 120C, 203, 204 with ceramic tile wall base scheduled as CTB-3.

ADD: H. ALTERNATE No. 8, MULTI-PURPOSE ROOM

1. Base Bid: as indicated in Bid Documents.
2. Alternate:

ARCHITECTURAL

DELETE: First Floor Multi-Purpose Room 110, Storage Rooms 110A thru 110D, Mech. 104B and Toilet 103, (Sheet A1.1), per attached sketches SK-A, SK-A1, SK-A2, SK-A3 and SK-A4 (Attachment ADD 3- ATTACHMENT 1)

STRUCTURAL

1. The pilasters at column lines A.9/2.5 and 4.5 that support the framing of the roof over the Multi Purpose Room will remain. These are designed as part of the basement wall.
2. Continuous footings adjacent to this area, which will provide closure to Break Room 112 on the North and to Toilet Room 103 on the South, will required to be similar to that shown on Section 3, Drawing Sheet S5.3 and brought up adjacent to the basement wall.
3. All other footings for the Multi-Purpose Room shall be omitted.
4. Delete all associated roof framing.

MECHANICAL

DELETE: Drawing Sheet M1.3: Delete AHU-4 and all associated supply and return ductwork, supply registers, return registers, fire dampers and associated controls. Cap outside air ductwork from ERU-1 above Janitor Closet Room 107A before round transition. Delete exhaust register, fire damper and exhaust duct from Toilet Room 103. Relocate exhaust duct serving Toilet Room 102 into Corridor. Exhaust duct shall be 8" diameter when running in open ceiling of corridor.
DELETE: Drawing Sheet P2.2: Delete plumbing fixtures P-1A, P-4, electric water heater DWH-8, and floor drain FD-1 from Toilet Room 103. Delete sanitary, vent and cold water piping associated with the plumbing fixtures in Toilet Room 103.
RELOCATE: Drawing Sheet P1.3: Relocate ¾" wall hydrant between columns 3 and 2.5 to new exterior wall location.
ADD: Drawing Sheet M7.1: Revise four SD-3 diffusers serving Corridor 104 from 100 CFM to 150 CFM. Revise four SD-3 diffusers serving Corridor 200 from 150 CFM to 200 CFM.

ELECTRICAL

DELETE: Drawing Sheet E2.3:Multi-Purpose Room 110, Storage 110A, Storage 110B, Storage 110C, Storage 110D, Toilet 03 and Mechanical 104B and all electrical work indicated to be provided in these rooms.
DELETE: Drawing Sheet E3.3: Multi-Purpose Room-110, Storage-110A, Storage-110-B, Storage-110C, Storage-110D, Toilet-103 and Mechanical-104B and all electrical work indicated to be provided in these rooms.
DELETE: Drawing Sheet E4.3:Multi-Purpose Room 110, Storage 110A, Storage 110-B, Storage 110C, Storage 110D, Toilet 103 and Mechanical 104B and all electrical work indicated to be provided in these rooms.
DELETE: Drawing Sheet E4.15: Multi-Purpose Room-110, Storage 110A, Storage 110-B, Storage 110C, Storage 110D, Toilet 103 and Mechanical 104B and all electrical work indicated to be provided in these rooms.

ADD 3.8: SPECIFICATION SECTION 033000:

1.2 SUMMARY

A. This section specifies cast-in place concrete, including formwork, reinforcement, concrete materials, mixture design, placement procedures, and finishes, for the following:
ADD: 5. Concrete pavement and walks.

B. Related Sections include the following:
2. **DELETE:** Division 32 Section "Concrete Paving" for concrete pavement and walks.

1.4 SUBMITTALS

ADD: K. Samples: Of Vapor Retarder and seam tape, in manufacturer's standard sizes.

2.8 VAPOR RETARDERS

A. Plastic Vapor Retarder: ASTM E 1745, Class A. Include manufacturer's recommended adhesive or pressure-sensitive tape

1. Available Products: **DELETE**: Submit by contractor for approval.
ADD: Subject to compliance, provide the following, or an approved equal.
ADD: a) Stego Wrap Vapor Barrier, 15 mil, by Stego Industries LLC
ADD: b) Viper Vaporcheck II, 15 mil, by Insulation Solutions
ADD: c) Vaporguard by Reef Industries

ADD: 2.17: CONCRETE MIXES FOR SITE ELEMENTS

A. Concrete pavement areas shall be constructed in accordance with the typical section shown on the drawings and VDOT 2007 Road and Bridge Specification Sections 217, 316 and other sections referenced.

B. Concrete sidewalks shall be constructed in accordance with the typical section shown on the drawings and VDOT 2007 Road and Bridge Specification Section 504 and other sections referenced.

<u>ADD 3.9: SPECIFICATION SECTION 042000:</u>

1.2 SUMMARY

A. This Section includes unit masonry assemblies consisting of the following:

ADD: 9. Masonry-cell insulation.

1.5 SUBMITTALS

D. Samples for Verification: For each type and color of the following:

1. **DELETE**: Exposed concrete masonry units.

1.6 QUALITY ASSURANCE

F. Mockups:

1. **DELETE**: Build mockup of typical wall area as shown on Drawings.

2.3 CONCRETE MASONRY UNITS (CMUs)

B. Concrete Masonry Units: ASTM C 90

4. **DELETE**: Exposed Faces: Provide color and texture matching the range represented by Architect's sample.

2.5 BRICK

B. FACE BRICK

6. Products:

a) **DELETE**: BR-1, Belden; "Century Red Range A" or "Amherst Blend"; 05-50 utility size unit; Texture: "Sanded Dart-Tex". Contact: Ken Mistovich @ L&L Supply, (410) 825-7800

ADD: BR-1: "Triangle Brick; "Williamsburg Handform Utility" #4355

b) **DELETE**: BR-2, Belden; "Indian Red Clear A"; 06-17 utility size unit; Texture: "Course Velour".

ADD: BR-2: Triangle Brick; "Red Wirecut Utility" #4610

2.6 MORTAR AND GROUT MATERIALS

E. Colored Cement Product

3. Products:

a) Colored Portland Cement-Lime Mix:

1) **DELETE**: Glen-Gary Corporation; Colored Mortar Blend F-401.

ADD: Riverton/Flamingo; C249

ADD: 2.15 MASONRY-CELL INSULATION

ADD: A. Loose-Granular Fill Insulation: Perlite complying with ASTM C 549, Type II (surface treated for water repellency and limited moisture absorption) or Type IV (surface treated for water repellency and to limit dust generation).

ADD: 1. Location: Install in all exterior concrete masonry back-up walls, and in all walls surrounding Rooms 122, 125, 123A, 123B, and 124.

ADD 3.10: SPECIFICATION SECTION 054000:

2.3 EXTERIOR NON-LOAD BEARING WALL FRAMING

A. Steel Studs

DELETE 1. Minimum Base-Metal Thickness: as specified on drawings
DELETE 2. Flange Width: as specified on drawings
DELETE 3. Section Properties: As Indicated.
ADD 1. Provide products indicated on drawings.

B. Steel Track

DELETE 1. Minimum Base-Metal Thickness: as specified on drawings
DELETE 2. Flange Width: as specified on drawings
ADD 1. Provide products indicated on drawings.

ADD 3.11: SPECIFICATION SECTION 061600:

2.6 SHEATHING JOINT-AND-PENETRATION TREATMENT MATERIALS

ADD: B: Sealant for Glass-Mat Gypsum Sheathing Board: Silicone emulsion sealant complying with ASTM C 834, compatible with sheathing tape and sheathing, and recommended by tape and sheathing manufacturers for use with glass-fiber sheathing tape and for covering exposed fasteners.

ADD: C: Sheathing Tape for Glass-Mat Gypsum Sheathing Board: Self-adhering glass-fiber tape, minimum 2 inches (50 mm) wide, 10 by 10 or 10 by 20 threads/inch (390 by 390 or 390 by 780 threads/m), of type recommended by sheathing and tape manufacturers for use with silicone emulsion sealant in sealing joints in glass-mat gypsum sheathing board and with a history of successful in-service use.

3.6 SHEATHING JOINT-AND-PENETRATION TREATMENT

A. Seal sheathing joints according to sheathing manufacturer's written instructions.

DELETE: 1. Apply elastomeric sealant to joints and fasteners and trowel flat. Apply sufficient quantity of sealant to completely cover joints and fasteners after troweling. Seal other penetrations and openings.

ADD: Apply glass-fiber sheathing tape to glass-mat gypsum sheathing board joints, and apply and trowel silicone emulsion sealant to embed entire face of tape in sealant. Apply sealant to exposed fasteners with a trowel so fasteners are completely covered. Seal other penetrations and openings.

ADD 3.12: SPECIFICATION SECTION 062013:

2.1 MATERIALS, GENERAL

A. Provide the following shutters from Atlantic Premium Shutters, Latta, South Carolina.

ADD 2. Location: As indicated on drawings.

ADD 3.13: SPECIFICATION SECTION 072100:

1.2 SUMMARY

A. This Section includes the following:

DELETE: 2. Perimeter wall insulation (supporting backfill)

B. Related Sections include the following:

2. **DELETE:** Division 06 Section "Sheathing" for foam-plastic board sheathing over metal framing. **ADD:** Division 06 Section "Sheathing" for foam-plastic and gypsum board sheathing over metal framing.

DELETE: 10. Division 33 Section "Subdrainage" for insulated drainage panels.

2.2 FOAM-PLASTIC BOARD INSULATION

DELETE: B. Fabric-Faced, Extruded-Polystyrene Drainage Panels: ASTM C 578, Type VI, with a density of 1.80 lb/ cu. ft, faced with insulation manufacturer's standard nonwoven filtration fabric and fabricated with one side having a matrix of drainage and edge channels.

DELETE: 1. Available Manufacturers:

DELETE: a. Owens Corning

DELETE: b. T. Clear Corporation

2.4 AUXILIARY INSULATING MATERIALS

DELETE: A. Vapor-Retarder Tape: Pressure sensitive tape of type recommended by insulation manufacturers for sealing joints and penetrations in vapor-retarder facings.

DELETE: 3.8 INSTALLATION OF VAPOR RETARDERS

DELETE: A. General: Extend vapor retarder to extremities of areas to be protected from vapor transmission. Secure in place with adhesives or other anchorage system as indicated. Extend vapor retarder to cover miscellaneous voids in insulated substrates, including those filled with loose-fiber insulation.

DELETE: B. Before installing vapor retarder, apply urethane sealant to flanges of metal framing including runner tracks, metal studs, and framing around door and window openings. Seal overlapping joints in vapor retarders with vapor-retarder tape according to vapor-retarder manufacturer's written instructions. Seal butt joints with vapor-retarder tape. Locate all joints over framing members or other solid substrates.

DELETE:C. Firmly attach vapor retarders to metal framing and solid substrates with vapor-retarder fasteners as recommended by vapor-retarder manufacturer.

DELETE: D. Seal joints caused by pipes, conduits, electrical boxes, and similar items penetrating vapor retarders with vapor-retarder tape to create an airtight seal between penetrating objects and vapor retarder.

DELETE: E. Repair tears or punctures in vapor retarders immediately before concealment by other work. Cover with vapor-retarder tape or another layer of vapor retarder.

ADD 3.14: SPECIFICATION SECTION 072100:

1.4 PERFORMANCE REQUIREMENTS

F: Structural Performance

1. Wind Loads:

DELETE: a. Uniform pressure of 30 lbf/sq. ft, acting inward or outward.

ADD 3.15: SPECIFICATION SECTION 074243:

2.4 METAL-FACED COMPOSITE WALL PANELS

A. General

2. Products

ADD: c. TFC Canopy, a division of Centurion Industries

ADD 3.16: SPECIFICATION SECTION 083643:

2.1 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

ADD: 10. United Prison Equipment

ADD 3.17: SPECIFICATION SECTION 084113:

1.2 SUMMARY

B. Related Sections

ADD: 3. Division 08 Section "Glazing" for glazing in aluminum curtain walls.

ADD: 4. Division 08 Section "Door Hardware" for hardware requirements of manual-swing entrance doors.

ADD 3.18: SPECIFICATION SECTION 084413:

1.2 SUMMARY

B. Related Sections

ADD: 2. Division 08 Section "Aluminum-Framed Entrances and Storefronts" for doors in glazed aluminum curtain walls.

ADD: 3. Division 08 Section "Glazing" for glazing in aluminum curtain walls.

2.5 OPERABLE UNITS

DELETE: A. Venting Windows: Comply with Division 08 "Aluminum Windows"

ADD 3.19: SPECIFICATION SECTION 085653:

1.2 SUMMARY

B. Related Sections

ADD: 2. Division 08 Section "Security Glazing" for glass in security windows.

ADD 3.20: SPECIFICATION SECTION 087100:

ADD: AUTOMATIC DOOR OPENERS TO DOORS 100 and 101.

ADD THE FOLLOWING ITEMS TO THE END OF ATTACHMENT A:

THIS LIST IS PROVIDED AS A BASIS OF DESIGN FOR HARDWARE PRODUCTS IDENTIFIED IN THE HARDWARE SCHEDULE, FOR USE BY THE HARDWARE

INSTALLER IN ASSEMBLING REQUIRED HARDWARE SETS. THE LIST SHALL BE EVALUATED ALONG WITH THE SPECIFICATION GUIDELINE PRODUCED BY KING GEORGE COUNTY INCLUDED AS ATTACHMENT B IN THE SECTION.

HINGES: STD. EXT. STANLEY MORTISE HINGE - FBB 191 x NRP - 4.5" x 4.5" 626

HINGES: HVY. EXT. STANLEY MORTISE HINGE - FBB 199 x NRP - 4.5" x 4.5" 626

HINGES: STD. EXT. STANLEY MORTISE HINGE - FBB 191 x NRP - 4.5" x 4.5" 626

HINGES: HVY. INT. STANLEY MORTISE HINGE - FBB 168 - 4.5" x 4.5" 652

DOOR CLOSERS: OUTSWING STANLEY OUTSWINGING PARALLEL ARM - D4550 EDA 689

DOOR CLOSERS: INSWING STANLEY INSWINGING PARALLEL ARM - D4551 689

PANIC DEVICE: STANDARD PRECISION RIM EXIT DEVICE - 2103CD x (CARD READER TRIM)

PANIC DEVICE: FIRE RTD. PRECISION RIM EXIT DEVICE - FL2103CD x (CARD READER TRIM)

PANIC DEVICE: DOUBLE PRECISION RIM EXIT DEVICE - 2101CD x 2103CD x (CARD READER) x KR822

AUTO DOOR OPERATOR STANLEY AUTOMATIC DOOR OPERATOR - MAGIC FORCE LE AL

LOCKSETS: CARD STD. BEST - STANLEY CARD READER CYLINDER - B.A.S.I.S. V; 93KBV-7-DV-14 626

LOCKSETS: CARD EX. BEST - STANLEY CARD READER CYLINDER - B.A.S.I.S. V; EXBV-7-EV-14-__-PH2 626

LOCKSETS: PASSAGE BEST - STANLEY CYLINDER LOCKSET - 93K SERIES - 14D TRIM - N FUNCTION 626

DOOR STOPS: WALL ROCKWOOD 403/409 WALL STOP 626

DOOR STOPS: FLOOR ROCKWOOD 480 FLOOR STOP 630

PUSH PULL: ROCKWOOD 70C x 106-6" x 70C 4x 16 630

KICK PLATES: ROCKWOOD K1050 10" x 2" LDW x .050" x CSK 626

FLUSH BOLTS: ROCKWOOD 555 MANUAL FOR METAL DOORS

WEATHERSTRIPPING: NATIONAL GUARD HEAD AND JAMBS - 161SA; AT SILL ON DOOR - 200SA

THRESHOLD: NATIONAL GUARD 425 1/2" x 5" SADDLE (QTY. LISTED IN SCHED. = # OF LEAVES)

ADD 3.21: SPECIFICATION SECTION 088000:

1.2 SUMMARY

A. This Section includes glazing for the following products and applications, including those specified in other Sections where glazing requirements are specified by reference to this Section:

ADD: 6. Polycarbonate Panels

B. Related Sections include the following:

DELETE: 1. Division 08 Section "Structural Glass Curtain Walls" for structural sealant glazing requirements.

2.8 **DELETE:** MONOLITHIC WIRED-GLASS UNITS, **ADD:** LAMINATED CERAMIC GLAZING MATERIAL

A. DELETE: Polished Wired-Glass Units WG-1: Form 1 (wired glass, polished both sides), Quality-Q6, Mesh 2 (M2) Square, 6.0 mm thick. **ADD:** Proprietary Category II safety glazing product in the form of two lites of clear ceramic glazing material laminated together to produce a laminated lite of 5/16 inch nominal thickness, polished on both surfaces, weighing 4 lbs/sq.ft..

1. Available Manufacturers:

a. **DELETE:** Asahi/AMA Glass Corp,; Affiliated with AFG Industries, Inc. **ADD:** Nippon Electric Glass Company, Technical Glass Products, "Fire lite plus".

b. **DELETE:** Central Glass CO., Ltd; distributed by Northwestern Industries, Inc. **ADD:** Schott North America, Inc.; Laminated Pyran Crystal

c. **DELETE:** Pilkington Sales (North America) Ltd. **ADD:** Vetrotech Saint-Gobain; SGG Keralite FR-L

ADD: 2. Location: Install in interior hollow metal framed vision panels located in rated partitions, glazing designation FG-1 (Window Type W7), and in doors that require rating, identified on door schedule to receive a label.

ADD: 2.10 POLYCARBONATE PANELS

ADD: A. Multi-celled Poylcarbonate Panels

ADD: 1. Available Manufacturers: Subject to compliance with the requirments, manufacturers offering products that may be incorporated into the Work include, but are not limited to, manufacturers specified:

ADD: a. Palram Americas, Sunlite Panel

ADD: b. Polygal Industries, Ltd.

ADD: c. Gallina USA

ADD: 2. Overall Unit Thickness: 10MM

ADD: 3. Finish: Translucent white.

ADD: 2.11 INSULATING GLASS UNIT IG-1 FOR WOOD WINDOWS

ADD: 1. Overall Unit Thickness: ¾ inch.
ADD: 2. Interspace Content: Argon gas.
ADD: 3. Indoor Lite: Type 1 (transparent glass, flat), Class 1 (clear) float glass, Annealed.
ADD: 4. Outdoor Lite: Type 1 (transparent glass, flat), float glass.
ADD: a. Class 1 (clear).
ADD: b. Kind HS (heat strengthened), Condition C (other coated glass).
ADD: 5. Low-Emissivity Coating: Sputtered on second surface.
ADD: 6. Visible Light Transmittance (VLT): 0.45.
ADD: 7. U Factor: 0.32.
ADD: 8. Solar Heat Gain Coefficient: 0.27.

<u>ADD 3.22: SPECIFICATION SECTION 089000:</u>

1.4 PERFORMANCE REQUIREMENTS

B. Structural Performance

1. Wind loads: **DELETE:** Determine loads based on a uniform pressure of 30/lbf/sq. ft., acting inward or outward. **ADD:** As indicated.

<u>ADD 3.23: SPECIFICATION SECTION 092000:</u>

1.2 SUMMARY

DELETE: 3. Tile backing panels.

DELETE: 2.4 TILE BACKING PANELS

DELETE: A. Water-Resistant Gypsum Backing Board: ASTM C 630/C 630M or ASTM C 1396/C 1396M.

DELETE: 1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

b. American Gypsum Co.
c. BPB America Inc.
d. G-P Gypsum.
e. Lafarge North America Inc.
f. National Gypsum Company.
g. PABCO Gypsum.
h. Temple.
i. USG Corporation.

DELETE: 2. Core: 5/8 inch, Type X.

ADD 3.24: SPECIFICATION SECTION 093000:

1.2 SUMMARY

B. Related Sections:

DELETE: 2. Division 09 Section "Gypsum Board" for cementitious backer units.

3.4 TILE BACKING PANEL INSTALLATION

ADD: B. Install face of tile backing panels to align with face of adjacent gypsum board surfaces.

ADD 3.25: SPECIFICATION SECTION 096566:

2.1 RUBBER SHEET FLOOR COVERING RAF-1

A. Basis of Design Product

ADD 6. DynaFit by Dynamic Sports Construction

ADD 3.26: SPECIFICATION SECTION 096900:

2.1 FLOOR PANELS AND UNDERSTRUCTURE

B. Floor Panels, General

3. Panel Attachment to Understructure:

ADD: b. At Contractor's option, gravity system may be used. If option is used, provide bolted stringer assembly.

2.3 ACCESSORIES

C. Cutouts:

1. Number, Size, Shape, and Location: **DELETE:** As indicated. **ADD:** Provide up to twelve four inch by four inch cutouts. Final location and quantities to be coordinated with Owner's equipment provider.

D. Service Outlets:

3. Location: In center of panel quadrant, unless otherwise indicated. **ADD:** Provide up to twelve dual-gang receptacle boxes and twelve dual-gang boxes for communications. Final location and quantities to be coordinated with Owner's equipment provider.

ADD 3.27: SPECIFICATION SECTION 099113:

1.2 SUMMARY

B. Related Sections include the following:

DELETE: 6. Division 09 Section "Staining and Transparent Finishing" for surface preparation and the application of wood stains and transparent finishes on exterior wood surfaces.

ADD 3.28: SPECIFICATION SECTION 099123:

3.6 INTERIOR PAINTING SCHEDULE

ADD: A. Concrete Substrates, Traffic Surfaces

1. Water-Based Clear Sealer System

ADD: c. Location: All areas designated to receive CS-2 floor finish.

A**DD**: 2. Concrete Stain System: MPI INT 3.2E. Basis of Design: H&C Sheild Plus Ultra; Color: "Fresh Concrete" #HC165; "Shark Grip" abrasive additive; top coat: H&C Shield Plus Ultra Clear Sealer.

ADD: a. First Coat: Interior concrete floor stain.
ADD: b. Topcoat: Interior concrete floor stain with abrasive grit admixture.
ADD: c. Location: All areas designated to receive CS-1 floor finish.

B. Steel Substrates:

1. Institutional Low-Odor / VOC Latex System:

ADD: d. Location: On all exposed interior steel, except for exposed steel columns.

ADD 3.29: SPECIFICATION SECTION 099600:

3.7 INTERIOR HIGH PERFORMANCE PAINTING SCHEDULE

DELETE: A. Concrete Substrates, Vertical Surfaces *(entire part A)*

B. Concrete Substrates, Horizontal Surfaces.

1. Epoxy Quartz Coating System **ADD:** EPX-1

C. CMU Substrates: **ADD:** In Rooms 120, 120D, 120E, 120F, 120G, 120I, 120H, 122

1. Water-based, Light-Industrial Coating System:

ADD: d. Color: Match color indicated on finish schedule.

D. Steel Substrates: **ADD:** All exposed interior steel columns

1. Water-based, Light-Industrial Coating System:

ADD: c. Color: Match color indicated on finish schedule.

DELETE: E. Aluminum (Not Anodized or Otherwise Coated) Substrates: *(entire part E)*

ADD 3.30: SPECIFICATION SECTION 102800:

DELETE: 1.6 WARRANTY

DELETE: A. Special Mirror Warranty: Manufacturer's standard form in which manufacturer agrees to replace mirrors that develop visible silver spoilage defects and that fail in materials or workmanship within specified warranty period.

DELETE 1. Warranty Period: 15 years from date of Substantial Completion.

2.1 MATERIALS

DELETE: G. Mirrors: ASTM C 1503; Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick.

2.2 WASHROOM ACCESSORIES

DELETE: K. Mirror Unit:

DELETE: 1. Basis of Design: Bradley 781

DELETE: 2. Frame: Stainless-steel channel.

DELETE: a. Corners: Manufactuer's standard

DELETE: 3. Hangers: Produce rigid, tamper-and theft resistant installation.

DELETE: 4. Size: As indicated on drawings

ADD 3.31: SPECIFICATION SECTION 105113:

2.4 MULTI-TIER PASS-THRU EVIDENCE STORAGE LOCKERS

A. **DELETE:** Basis-of-Design Product: Subject to compliance with requirements, provide Sentinel Lockers, Pass-thru Evidence Lockers by Tiffin Metal Products (1-800-537-0983)

ADD: Basis-of-Design Product: Subject to compliance with requirements, provide Sentinel Lockers, Pass-thru Evidence Lockers by Tiffin Metal Products (1-800-537-0983), or an approved equal by one of the following:

1. DSM Evidence Lockers, by Spacesaver Corporation.

2. Fasco Security Products

ADD 3.32: SPECIFICATION SECTION 115213 :

1.2 SUMMARY

A. Section includes:

ADD: 2. Manually operated projection screens.

2.2 FRONT-PROJECTION SCREEN MATERIAL

G. Size of Viewing Surface: **DELETE:** As indicated on drawings. **ADD:** Multi-Purpose Room 110: 96" high x 120"wide, mount bottom of case at 11'-0" and include 24" of drop at top; Conference Room 201A and Classroom 012: 72" high x 96" wide.

ADD: 2.3 MANUALLY OPERATED PROJECTION SCREENS

ADD: A. General: Manufacturer's standard spring-roller-operated units, consisting of case, screen, mounting accessories, and other components necessary for a complete installation.

ADD: 1. Screen Mounting: Top edge securely anchored to a 3-inch- (75-mm-) diameter, rigid steel roller; bottom edge formed into a pocket holding a tubular metal slat, with ends of slat protected by plastic caps, and with a saddle and pull attached to slat by screws.

ADD: B. Surface-Mounted, Metal-Encased, Manually Operated Screens: Units designed and fabricated for surface mounting on wall or ceiling, fabricated from formed-steel sheet not less than 0.027 inch (0.7 mm) thick or from aluminum extrusions; with flat back design and vinyl covering or baked-enamel finish. Provide units with matching end caps and concealed mounting.

ADD: 1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:

a. Bretford, Inc.; Series 500.
b. Da-Lite Screen Company; Model C.
c. Draper Inc.; Luma 2

ADD 3.33: SPECIFICATION SECTION 116123:

2.3 STAGE PLATFORMS

D. Dimensions: **DELETE:** Standard modular sizes, to form an assembled platform of dimensions indicated. **ADD:** Standard modular sizes, to form an assembled platform of 8'-0" x 8'-0".

1. Stage Platform Height: **DELETE:** Adjustable for either 16 or 24 inches. **ADD:** 12 inches.

2.4 ACCESSORIES

DELETE: C. Guardrails: Provide manufacturer's guardrail at locations indicated, consisting of 1-1/4- or 1-1/2-inch (32- or 38-mm) OD tubing and necessary fittings to attach to platforms or risers.

DELETE: 1. Infill Balusters: Spaced less than 4 inches (102 mm) apart.

ADD 3.34: SPECIFICATION SECTION 122113:

2.1 HORIZONTAL LOUVER BLINDS, POLYMER SLATS

ADD M. Location: Install on the inside of W-1, W-2, and W-3 at all locations where W-1, W-2, and W-3 occur.

2.2 COMPOSITE PLANTATION SHUTTER

A. Provide the following shutters from Shutter Classic, Arlington, Virginia (866) 369-8395.

ADD B. Location: Install ganging units on the inside of all instances of CW-1, CW-2, CW,-3, and CW-4, as shown on Drawing Sheet A5.10 and A5.14.

ADD 3.35: SPECIFICATION SECTION 125500:

2.4 GUN LOCKERS

A. Pistol Lockers:

1. Products: Subject to compliance with requirements, provide one of the following:

ADD: k. Fasco, Inc.; FC-700-6 Pistol Cabinet

5. Mounting: **DELETE:** Recessed, with mounting flange formed from same material as body. **ADD:** Surface mounted.

ADD 3.36: SPECIFICATION SECTION 149200:

2.1 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

ADD: 7. Sumetzberger Pneumatic Tube System; A-WARE Air Systems by Airtube Service Company; 4B Newport Drive Forest Hill, MD 21050 Tel: (410) 893-0391

ADD 3.37: SPECIFICATION SECTION 263600:

2.1 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Contactor Transfer Switches:

ADD: c. General Electric

ADD: d. Zenith

ADD 3.38: SPECIFICATION SECTION 283111:

1.2 SUMMARY

A. Section includes:

ADD: 10. Rescue Assistance System

2.3 FIRE-ALARM CONTROL UNIT

ADD: L. Elevator Recall:

ADD: 1. Smoke detectors at the following locations shall initiate automatic elevator recall.

ADD: a. Smoke detector in elevator machine room.

ADD: b. Smoke detectors in elevator hoistway.

2.8 REMOTE ANNUNCIATOR

B. Display Type and Functional Performance: **DELETE:** Alphanumeric display and LED indicating lights shall match those of fire-alarm control unit. Provide controls to acknowledge, silence, reset, and test functions for alarm, supervisory, and trouble signals. **ADD:** Graphic type with alphanumeric display and LED indicating lights shall match

those of fire-alarm control unit. Provide controls to acknowledge, silence, reset, and test functions for alarm, supervisory, and trouble signals

ADD: 2.12 RESCUE ASSISTANCE SYSTEM

ADD: A. General: Provide an ADA Compliant Rescue Assistance System

ADD: 1. Basis-of-Design Product: Subject to compliance with requirements, provide products by Cornell or an approved equal.

ADD: B. Wiring: Conceal all wiring in conduits or above accessible ceilings.

ADD: C. System Operation: Momentarily depressing the call button on a CORNELL (or approved equal) 4201A call station shall cause a short acknowledge tone and steady illumination at the 4201A. At the CORNELL Series 4200 (or approved equal) Annunciator Panel, a red annunciator LED in the zone switch for that call station shall illuminate steady. Whenever there are one or more calls placed that have not been acknowledged, a slow repeating audible alarm shall be sounded from the speaker at the Annunciator Panel. Depressing that zone switch shall acknowledge the call by flashing the red annunciator LED within the zone switch, flashing the LED within the 4201A call switch, illuminating the green LED within the zone switch, and connecting 2-way voice communication between the Annununciator Panel and 4201 call station. The control panel operator shall immediately be able to listen to the person at the 4201A call station. When the voice communication path is established, a short tone shall be sounded at the call station. The Annunciator Panel operator shall immediately be able to listen to the person at the 4201A call station. To speak to that person, push and hold the "push to talk" switch on the Annunciator Panel. Release the switch to listen. Volume level is for both talk directions and are independently adjustable on the 2009 amplifier located within the Annunciator Panel. Momentarily depressing the zone switch again will disconnect voice communication to the 4201A call station but will not reset the call. The red annunciator LED and 4201A call switch shall continue to flash until the reset switch is momentarily depressed at the Annunciator Panel. This shall reset all zones.

Associated with zone switch on the Annunciator Panel shall be a yellow fault LED. If a wire fault exists in the wiring between a 4201A call station and the Annunciator Panel, the fault LED for that zone shall illuminate and a slow repeating audible alarm shall sound at the control panel.

Voice communication can be initiated at any time to any 4201A call station by depressing the appropriate zone switch, the green LED within that zone switch shall illuminate. To cancel communication, depress the zone switch again. The green LED shall turn off.

Each zone shall have an open collector transistor output (sink, rated at 100mA, 24V max.) which turns on from the time a call is placed until the reset switch is depressed. These outputs are labeled AUX. Located on the power supply/tone board are normally open relay contacts (125VDC/AC, 2.5A max.) which close if any zone is activated and remain closed until the reset switch is depressed. These two terminals are labeled AUX. 8/03

ADD: D. Additional Features: Access to a public telephone system shall be provided. Furnish and install CORNELL TAK-4200 telephone access kit to place a call to a

designated location via a public telephone line to notify them of the alarm. Furnish and install CORNELL Model B-5243A Battery Back-up/Power Supply with batteries.

ADD 3.39: DRAWING SHEET C1.3:

Generator Pad: **REVISE** note to refer to detail on electrical drawings.

North-east end of the building: There are two doors indicated in the area of Stair S102. **DELETE** the southernmost door (located just to the South of Column Line 10)

ADD 3.40: DRAWING SHEET A1.3:

1) **ADD:** In Admistration 105, add a note indicating that west side of the room, approximately four feet east of column line C, "PLAM COUNTERTOP- REFER TO DETAIL 3/A5.11".

2) **ADD:** Closet 105G: Provide a wood coat rack/ closet shelf, consisting of a 12" wide top shelf with a 1 ¼" diameter closet rod, entire length of closet.

ADD 3.41: DRAWING SHEET A1.4:

ADD: Coats 118G: Provide a wood coat rack/ closet shelf, consisting of a 12" wide top shelf with a 1 ¼" diameter closet rod, entire length of closet.

ADD 3.42: DRAWING SHEET A1.5:

ADD: Coats 209B: Provide a wood coat rack/ closet shelf, consisting of a 12" wide top shelf with a 1 ¼" diameter closet rod, entire length of closet.

ADD 3.43: DRAWING SHEET A1.7:

RELOCATE: 24" x 30" ACCESS HATCH - Locate above Room 202A.

ADD 3.44: DRAWING SHEET A1.8:

RELOCATE: 24" x 30" ACCESS HATCH - Locate above Int. Corridor 209 to the West of the Stairwell S202

ADD 3.45: DRAWING SHEET A2.3:

DELETE: Continuous Gypsum Board Soffit/Bulkhead on the North Side of Multi-Purpose Room 110.

ADD 3.46: DRAWING SHEET A3.4:

REVISE: Detail 5: Building Identification copy will read "Sheriff's Office"

ADD 3.47: DRAWING SHEET A3.5:

ADD: NOTE: TYPICAL METAL STUD IS "6CSJ18" BY DIETRICH AT 16" ON CENTER. TYPICAL RUNNER TRACK IS "6TSB18" BY DIETRICH".

ADD 3.48: DRAWING SHEET A5.6:

ELEVATION 2/A5.6: **DELETE** UNREFERENCED SECTION INDICATOR.; **REVISE** PROJECTION SCREEN NOTE TO READ "WALL MOUNTED MOTORIZED PROJECTION SCREEN"

ELEVATION 4/A5.6: **DELETE** UNREFERENCED DETAIL INDICATOR.

ADD 3.49: DRAWING SHEET A5.12:

DETAIL 2 AND 3/A5.12: **DELETE:** Dimensions associated with PTS Station. Dimensions will vary depending on manufacturer.

ADD 3.50: DRAWING SHEET S0.1:
STEEL DECK NOTES: #3: **REVISE TO READ**: "STEEL DECK SHALL BE 2VLI18 BY "VULCRAFT" OR APPROVED EQUAL FOR 1ST AND 2ND FLOOR AREAS. STEEL DECK SHALL BE 1.5VL18 BY "VULCRAFT" OR APPROVED EQUAL FOR ATTIC AREAS. STEEL DECK SHALL BE 1.5B18 BY "VULCRAFT OR APPROVED EQUAL FOR ROOF AREAS.

ADD 3.51: DRAWING SHEET S0.2:
REFER TO ATTACHMENT 2: DRAWING SHEET S0.2

ADD 3.52: DRAWING SHEET S0.3:
REFER TO ATTACHMENT 2: DRAWING SHEET S0.3

ADD 3.53: DRAWING SHEET S1.1, S1.2, S1.3, S1.4, S1.5, S1.6, S1.8, S1.9, S1.11:
DELETE: ALL EMPTY OR NON-KEYED SECTION INDICATORS

ADD 3.54: DRAWING SHEET S1.7:
REFER TO ATTACHMENT 2: DRAWING SHEET S1.7

ADD 3.55: DRAWING SHEET S5.4:
REFER TO ATTACHMENT 2: DRAWING SHEET S5.4, DETAIL 16

ADD 3.56: DRAWING SHEET S5.6:
REFER TO ATTACHMENT: DRAWING SHEET S5.6, ROOF TRUSS T-2/T-2A ELEVATION 1, DETAIL 2, DETAIL 7, DETAIL 8

ADD 3.57: DRAWING SHEET S5.8:
REFER TO ATTACHMENT 2 : DRAWING SHEET S5.8, ROOF TRUSS T-3 & T-3A ELEVATION 1, ROOF TRUSS T-4 ELEVATION 2, ROOF TRUSS T-5 ELEVATION 3.

ADD 3.58: DRAWING SHEET S5.9:
REFER TO ATTACHMENT 2: DRAWING SHEET S5.9, ROOF TRUSS T-8 ELEVATION 1.

ADD 3.59: DRAWING SHEET M1.4:

1) **DELETE**: Fire dampers in 6”x6” return duct in Room 120C.
2) **DELETE:** Fire dampers in 6”x6” return duct in Room 120D.

ADD 3.60: DRAWING SHEET M1.3:

1) **REVISE:** Unit number on thermostat in Room 102 from EH-3 to EH-4.
2) **ADD:** Fire damper in the 14” diameter duct supplying Room 101. Locate in the wall where the corridor and lobby meet.
3) **ADD:** Fire damper in the 12”x12”transfer duct from Room 101 to the Corridor. Locate in the wall where the corridor and lobby meet.

ADD 3.61: DRAWING SHEET M8.2:

REVISE: On AHU / HEAT PUMP CONTROL SCHEMATIC (AHU – 1,2,3,4,5,6,7,9,10, AND 11) - Smoke detector in the return duct of air handler units should be relocated to the return duct before exhaust take-off to ERU.

ADD 3.62: DRAWING SHEET M8.3:

On AHU/ HEAP PUMP CONTROLS SCHEMATIC (AHU – 8,12,and 13) – **REPLACE NOTE** “OA (AHU-8 and -12 only) **WITH** “OA AHU-12 ONLY)

ADD 3.63: DRAWING SHEET E4.3:

INDICATE: “RESCUE ASSISTANCE SYSTEM ANNUNCIATOR PANEL” in Vestibule 100 adjacent to FAAP.

ADD 3.64: DRAWING SHEET E4.6:

1) Designate unmarked panel on the North Wall of 911 Center 209A as “FAAP”.
2) Delete FAAP in HVAC/ Control 209G.

ADD 3.65: DRAWING SHEET C0.3:

Erosion and Sediment Control Notes - Management Strategies Notes

DELETE: Note 7 in its entirety, and **REPLACE** with:

7. Excess excavated materials may be hauled offsite and stored at the adjacent landfill site. The storage location at the landfill site shall be coordinated with the County during construction. No stockpiling of excess materials will be allowed without an approved plan and required permits from the County.

ADD 3.66: DRAWING SHEET C1.5:

Pavement, Signage and Striping Plan

ADD: In the plan view area shown on Drawing, add the following note:

1. Concrete pavement areas shown on this plan shall be constructed in accordance with the typical section shown on this drawing and VDOT 2007 Road and Bridge Specification Sections 217, 316 and other sections referenced.

ADD 3.67: DRAWING SHEET C5.8:

Miscellaneous Details

ADD: In the open space adjacent to the Concrete Sidewalk detail, insert the following note:

1. Concrete sidewalks shall be constructed in accordance with the typical section shown on this drawing and VDOT 2007 Road and Bridge Specification Section 504 and other sections referenced.

ADD 3.68: DRAWING SHEET A8.1:

1. **REVISE** Door Number 110A, 110B, and 110C to be wood door type D5.
2. **REVISE** Door Number 110D to be wood door type D4.
3. **REVISE** Door Number K9 to be door type D2, insulated.
4. **REVISE** Door Number S102.1 to be door type D2, insulated.
5. **REVISE** Door Number 205C, add Note 4.
6. **ADD:** Note 4: Door and frame type similar to those identified on A8.2 but sound control.

ADD 3.69: SPECIFICATION SECTION 012200:

3.1 LIST OF UNIT PRICES

ADD: J. Unit Price No. 10 - Additional Silt Fence

ADD: 1. Description: All labor, materials, tools, equipment and services for furnishing and placing additional silt fence including, but not limited to transportation, placing of material, locating and supporting existing utilities and other incidental work according to Division 31, contract drawing numbers C0.1 through C6.1, and the Virginia Erosion and Sediment Control Handbook, Third Edition, 1992.

ADD: 2. Unit of Measurement: 1 L.F.

ADD: K**.** Unit Price No. 11 - Additional Sediment Traps

ADD: 1. Description: All labor, materials, tools, equipment and services for furnishing and placing additional sediment traps including, but not limited to placing of material, grading, locating and supporting existing utilities and other incidental work according to Division 31, contract drawing numbers C0.1 through C6.1, and the Virginia Erosion and Sediment Control Handbook, Third Edition, 1992.

ADD: 2.Unit of Measurement: 1 Each

ADD: L. Unit Price No. 12 - Additional Temporary Diversion Dike

ADD: 1.Description: All labor, materials, tools, equipment and services for furnishing and placing additional temporary diversion dike including, but not limited to transportation, placing of material, locating and supporting existing utilities and other incidental work according to Division 31, contract drawing numbers C0.1 through C6.1, and the Virginia Erosion and Sediment Control Handbook, Third Edition, 1992.

ADD: 2. Unit of Measurement: 1 L.F.

ADD 3.70: DRAWING SHEET A4.5:

REVISE: DETAIL 3/A4.5: REPLACE NOTE READING "1 LAYER OF 5/8" GYPB (2 LAYERS FROM COLUMN LINE x TO x) WITH "1 LAYER OF 5/8" GYPB (2 LAYERS FROM COLUMN LINE 2.5 TO 5)

QUESTIONS AND ANSWERS:

Q1: The Structural Plans have numerous sections shown but are not identified. An example is on Drawing S1.2 at Column C-8.
A1: Refer to ADD 3.53 for response.

Q2: What is the specifications for the attic access doors shown on A1.7 & A1.8 and detailed on 7/A1.11? Considering the stairwells have a concrete ceiling, which is directly below the attic floor, are the locations correct as shown?
A2: Refer to ADD 3.43 and ADD 3.44. Specifications are detailed in 083113 ACCESS DOORS AND FRAMES.

Q3: Is the schedule listed for Door 120I on Sheet A8.1 correct?
A3:Yes.

Q4: On the Finish Schedule on page A8.8 they list 005 Men's Shower and 007 Women's Shower as having a floor finish of CT-2/CT-3, but there is no pattern explained or detailed in the specs or drawings. Also, 209L Toilet and 209O Toilet are listed as having a floor finish of CT-3/CT-4 and there is no pattern to be found. Finally, 209M Break Room and 209N Lockers are shown to have a floor finish of VCT1/2/3 and there is no pattern shown (it may be the same as the Break room on the 1st floor, but not sure).
A4: 005 and 007- Provide CT-2 on floor. Toilet 209L and 209O- Provide CT-4 on floor. Pattern of 209M and 209N shall be similar to Break Room on First Floor.

Q5: Drawing A3.1 signage detail shows cast aluminum letters. What is the copy; Government Center (16 letters) or Sheriff's Office (14-1/3 letters)? Letters are 10" high and span 14'. Please advise of copy.
A5: Refer to ADD 3.46 for response.

Q6: Please confirm the required pneumatic tube size. The specification (149200 Section 2.2 - Carrier Tubing) calls for 4-inch outside diameter galvanized steel. Consistent with this tube sizing is (149200 Section 2.7 - Carriers) the dimension of the Carriers: 3-1/4 x 15-inch.
However, Drawing Sheet number A5.12 calls out tubing size (or tube sheath) of 7 inches.
A6: Refer to ADD 3.49 for response.

Q7: Detail 5/A5.11 calls for a 10mm double walled polycarbonate panel diffuser.
Are there any specifications on this item? (manufacturer?)
A7: Refer to ADD 3.21 for response.

Q8: I see that Glen-Gary F 401 Type N mortar is in the spec on page 042000-10, and I do not know what that color is since Glen-Gary is not a manufacturer of cementitious materials. Therefore, I would like to ask permission to submit an alternative mortar, in the manufacturers bag, that is equal to the mortar in the spec.
A8:Refer to ADD 3.9 for response.

Q9: Automatic Operators are in the specification guidelines but I don't see any listed in the hardware sets. Are there any needed and if so where?
A9: Refer to ADD 3.20 for response.

Q10: Does Card STD mean that opening is getting a card reader? Does STD mean standard? Does Card EXT mean that opening is getting a card reader? Does EXT mean exterior?
A10: Refer to ADD 3.20 for response.

Q11: There are electric strikes, electric latch retraction exit devices, power supplies, power transfers, electric hinges, overhead door stops and holders, continuous hinges in the specification guidelines. None of these appear on the hardware sets. Please advise if any of this is needed and if so where?
A11: Refer to ADD 3.20 for response.

Q12: Section 105113, Paragraph 2.4 Multi-Tier Pass-Thru Evidence Storage Lockers - Specifications indicate Lockers by Tiffin Metal Products, and the plans show lockers with designs and dimensions specific to the Tiffin Product. As you are aware, all manufacturers have subtle differences in designs and dimensions that do not affect the overall function of the equipment.
A12:Refer to ADD 3.31 for response.

Q13: Section 105628, Mobile Storage Shelving Units - Please provide a shelving elevation that includes the number of shelves in each section of shelving for the 3 systems.
A13: The intent is to store typical copy-paper sized boxes on the shelving units. Provide 6 shelves per unit.

Q14: On the door schedule (A8.1), MK #110D, the door type calls for a D2 which is a hollow metal door type (A8.2). The door material column on sheet A8.1 specifies a wood door. Please advise if this door is metal or wood.
A14:Refer to ADD 3.68 for response.

Q15: Should opening #120I be a detention frame and door?
A15: Provide what is indicated on drawings.

Q16: Should opening #205C be sound rated per note #3 (A8.1). The frame (F1) and door (D1) on sheet A8.1 are calling for just hollow metal.
A16:Refer to ADD 3.68 for response.

Q17: Should opening #K9 be a detention opening. It calls for a hollow metal frame (F1) and a detention door (D14) on sheet A8.1.
A17: Refer to ADD 3.68 for response.

Q18: Should opening #S102.1 have a door type D9 (A8.1). The elevation sheet (A8.2) says D9 is not used.
A18: Refer to ADD 3.68 for response.

Q19: I brought up the question of the AISC certification requirement in the Structural Steel Specifications.
This certification requirement eliminates a lot of very qualified steel fabricators and erectors from bidding this project that have been supplying and erecting steel for decades but have not attained this certification because of the expense to get and ongoing expense to maintain.
As I mentioned at the Pre-Bid the GC's are then forced to go out of state to get enough participation to try to provide competitive pricing. This competitive bidding may not be as price efficient as you would like because of freight to haul in from out of state, or the reduced number of fabricators and erectors looking at this project. (Also it in effect ships hard earned tax dollars out of state)
My suggestion is that an independent agency could inspect the fabricators plant prior to fabrication to verify the fabrication process meets industry standards. Building inspections and Special inspections in place in the bid documents would already address that the field erection meets code requirements.
A19: AISC requirements cannot be modified.

Q20: I noticed also that there are no Site utility, Site Paving, or Site Concrete specs.
Are we to bid strictly on information from the plan sheets?
A20:Please refer to Q28/A28 below.

Q21: Sheet A5.6 – Details 5 and 6 on a 5.6 do not provide thickness and width of shelving. Please provide.
A21: Provide a wood coat rack/ closet shelf, consisting of a 12" wide top shelf with a 1 ¼" diameter closet rod.

Q22: Closets 007A, 005.2, 110A,B,C,D, 105G, 209B, and 209N – Plans do not provide shelving details for these areas. Please verify the intent for these areas.
A22:Refer to ADD 3,40, ADD 3.41, and ADD 3.42 for response.

Q23: Drawing E5.2 - the fire alarm riser reflects 4 remote fire alarm annunciator panels. I can only locate 3 on the prints - E4.3 Vestibule; E4.5 Admin Assistants; E4.6 HVAC control. Is there 3 or 4 annunciators?
A23: Refer to ADD 3.64 for response.

Q24: Do the annunciators need to be graphic annunciators or are remote LCD annunciators acceptable?
A24: Refer to ADD 3.38 for response.

Q25: Rescue Assistance System - is there any specification on this system other than what is noted on the drawings - 1 master & 4 stations in basement & 2nd floor?
A25:Refer to ADD 3.38 for response.

Q26: Portable Stage - Size of the stage Length and width? Height of stage 16" to 24" ? Number of stairs? Guard Rails now many sides?
A26:Refer to ADD 3.33 for response.

Q27: In looking at the specifications (051200, Section 1.6, A/B), I see that it is calling for both AISC certified fabricator, as well as an AISC certified installer. Are either of these calls for certification able to be waived, notably the fabricator?
A27: No, neither can be waived.

Q28: After screening the specifications I could not find any specifications pertaining to the site utilities(storm, water, sanitary), Erosion & Sediment Control, SWM,
Aggegate Subbase, Asphalt Paving, Site Concrete, Pavement Markings and Signage(traffic & site). These spec sections are always a standard part of the written contract specifications. For example, in the Table of Contents there is a "Division 33-Utilities" but it states "not applicable" even though there are site utilities.
A28: Water and sewer improvements, materials, and installations are in accordance with the King George County Service Authority Standards as noted on the contract drawings. Refer to Drawing C0.2.; Erosion and sediment control measures are in accordance with the Virginia Erosion and Sediment Control Handbook (3rd Edition, 1992). Refer to Drawing C0.3.; Stormwater management facilities consist of regional stormwater basins situated on the County property, but not on the site for the Sheriff's Office. No additional stormwater management facilities are anticipated for the project.; Aggregate subbase is VDOT #21A or B as specified in Section 312000 - Earth Moving. Refer to page 312000 - 8.; Asphalt Paving is specified in Section 312000 - Earth Moving. Refer to page 312000 - 7. Installation of pavement materials is specified in paragraph 3.16 of Section 312000 and in accordance with VDOT standards and specifications. Refer to page 312000 - 18.; Site concrete requirements are shown on Drawings C1.5 (concrete pavement) and C5.8 (sidewalks, curb and gutter) and specified in Section 033000 - Cast-in-Place Concrete.; Pavement markings and signage requirements are shown on Drawing C1.5. Pavement markings shall conform to current VDOT Road and Bridge Standards and Specifications.

Q29: I have attached page 00520-17 marked as Exhibit 2 "Insurance". The TOC of the Construction Services Agreement indicates that "Insurance (attached as EXHIBIT 3)". Either way I could not find the "minimum coverage's described within IFB 03102009-1400". Please indicate where to find said minimums.
A29: Please refer to Attachment #5

Q30: Type 4 window is shown on in the window schedule. However it does not appear anywhere on the exterior elevations where the wood/clad windows are tagged.
A30:Refer to Sheet A1.13

Q31: All wood units appear to be fixed - non operating units. Please verify.
A31: Correct.

Q32: Glazing options for the 100% aluminum windows are identified in the plans. However, there is nothing identifying the required glazing for the aluminum clad/wood windows. Are we to use basic IG glass or is something else required?
A32: Refer to ADD 3.21 for response.

Q33: At the Prebid Meeting on 2/12/09 either Phil Rollins or Ed Moore indicated that the "large stockpile of earth will need to be moved from the site and that it can be trucked approximately two (2) miles away". Will the County confirm the exact distance and provide the address of the location in order for Earthwork bidders to better calculate hauling costs?
A33: The landfill site is located on Henry Griffin Drive, no more than three miles away from the Sheriff's Office site.

Q34: Room 105 – Administration – There appears to be some form of PLAM top on the wall at the pass-through windows. However there are no referenced details.
A34:Refer to ADD 3.40 for response.

Q35: Which windows would you like the horizontal louver blinds installed on?
A35: Refer to ADD 3.12 and 3.34 for response.

Q36: The size of the projection screens in the Multi-Purpose 110 and Conference 201A was not provided.
A36: Refer to ADD 3.32 for response.

Q37: The projection screen in Conference 012 is a manual however the specifications only describe motorized units.
A37: Refer to ADD 3.32 for response.

Q38: 263600, Page 2, 2.1.A.1 – Are ASCO and RUSSE Electric the only two manufacturers allowed to bid on these switches?
A38: Refer to ADD 3.37 for response.

Q39: E6.3- Drawing shows on an automatic transfer switch, not a bypass isolation switch; 26300 Page 6, Paragraph 2.4- Are both the 30 AMP and 800 AMP to be bypass switches or just regular automatic transfer switches? See conflict question, E6.3.
A39: Per Specification 263600, provide an 800A automatic transfer switch with bypass isolation switch. 30A switch shall be automatic transfer switch with no bypass isolation switch.

Q40: Withstand rating for transfer switches is 42KA. Is this an "any breaker" or "specific breaker" rating? Answer could affect sizes of switches required.
A40: Insufficent information has been provided to engineer in order to provide a response.

Q41: Are there any wage rate restrictions?
A41: At the Pre-Bid Meeting, Mr. Rollins stated that the Davis-Bacon Act applies to this project. Please make note in Addendum 1 that Davis-Bacon Act does NOT apply to this project – there are no federal funds involved, so the Davis-Bacon Act does not apply.

Q42: Is permanent power available at the site?
A42: Permanent power is not yet available at the site. The contractor will be responsible for providing temporary power during construction.

Q43: Is it acceptable to utilize a bolted stringer understructure for all areas scheduled to receive laminate covered floor pans? (Raised Access Flooring)
A43: Yes, this is acceptable. Refer to ADD 3.26.

Q44: Can the access floor system be installed prior to the installation of the interior walls? Place the interior walls in areas 209 on top of the AF system?
A44: No, this is not acceptable.

Q45: Is it acceptable to have the carpet subcontractor furnish and install carpet and vinyl wall base materials in all areas of the project? The access flooring contractor will furnish base corner bolted pans in room 209C, 209D, 209E, and 209F for installation of carpet by others.
A45: This is part of the contractor's means and methods and does not necessitate a response by the Architect.

Q46: Where is the number, size, shape, and locations of cutouts that are required, identified?
A46: Refer to ADD 3.26.

Q47: Where is the number and location of service outlets that are required, identified?
A47: Refer to ADD 3.26.

Q48: Specification section 8413 (aluminum entrances and storefronts) basis of design is called out as Efco storefront system 403 which is a 2"x4 ½" system. The details on drawings show a 6 ½" deep system. The Efco 403(2"x4 ½") will meet structural loads, please advise if the 6 ½" deep system is required.
A48: The EFCO 403 (2" x 4 ½") system is acceptable.

Q49: There are three low voltage outlets on the drawings, solid black, clear, and half-black/half-clear outlets. Only the clear and half-black/half-clear outlets are on the legend for Division 27. I need those outlets clearly defined.
A49: The telecom system is by others. Refer to Specific Note 1 on Sheet E4.13, E4.14, E4.15, E4.16, E4.17, and E4.18.

Q50: Shouldn't there be a voice/data outlet in the Server Room?
A49: The telecom system is by others. Refer to Specific Note 1 on Sheet E4.13, E4.14, E4.15, E4.16, E4.17, and E4.18.

Q51: Who is installing the ladder track, cable trays, and wire basket trays for Division 27?
A51: This is the contractor's means and methods, and does not necessitate response. If the bidder is unsure as to what they are bidding on, refer to Specific Note 1 on Sheet E4.13, E4.14, E4.15, E4.16, E4.17, and E4.18.

Q52: Do voice cables terminate in patch panels?
A52: The telecom system is by others. Refer to Specific Note 1 on Sheet E4.13, E4.14, E4.15, E4.16, E4.17, and E4.18.

Q53: Is there a Division 17 that is missing from these drawings?
A53: The telecom system is by others. Refer to Specific Note 1 on Sheet E4.13, E4.14, E4.15, E4.16, E4.17, and E4.18.

Q54: How do the telecom closets and server room connect to each other?
A54: The telecom system is by others. Refer to Specific Note 1 on Sheet E4.13, E4.14, E4.15, E4.16, E4.17, and E4.18.

Q55: Are there provisions for core holes in the telecom closets so I can install feeders to connect to all the telecom closets?
A55: The telecom system is by others. Refer to Specific Note 1 on Sheet E4.13, E4.14, E4.15, E4.16, E4.17, and E4.18.

Q56: 00502, Page 12: Secrecy of Data: Does this apply to bid document postings? Is there a procedure expected of all bidders?
A56: To the extent that the bid documents contain secret data, anyone who wants the documents for a bid must agree to keep them secret and return them to King George County upon completion, with all copies.

"The CONTRACTOR shall not use or disclose to third parties any data, designs, or other information belonging to or supplied by or on behalf of the COUNTY, without first obtaining the prior written authorization of the COUNTY. Upon the COUNTY'S request, such data, designs, or other information, including all copies thereof, shall be returned to the COUNTY. Where the COUNTY'S data, designs, or other information are furnished to the CONTRACTOR'S suppliers for procurement of supplies for use in the performance of the COUNTY'S orders, the CONTRACTOR shall insert the substance of this provision in its orders."

Q57: We do not have a location plan for the soil borings. Please provide
A57: Please refer to Attachment 4.

Please acknowledge receipt of this addendum on your bid submission. Do not fax or email acknowledgements.

Kelly S. Dixon, CPPB

Kelly S. Dixon, CPPB
King George County Procurement Manager

Attachments:
Attachment #1-- Sketches
Attachment #2 – Revised drawings
Attachment #3 – Bid Form
Attachment #4 – Boring Locations
Attachment #5 – Insurance Requirements

Attachment #1 – Sketches

Attachment #2 – Revised Drawings

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