

COLUMBUS CONSOLIDATED GOVERNMENT

Georgia's First Consolidated Government



**FINANCE DEPARTMENT
PURCHASING DIVISION**

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July 2, 2009

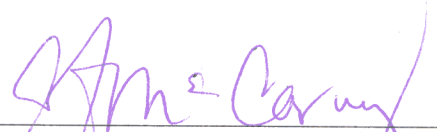
**ADDENDUM NUMBER ONE
FIRE STATION NO. 2
RFB NO. 09-0050**

Acknowledgment of receipt of each Addendum must be included with sealed Bid. Include an initialed copy of each Addendum or initial the appropriate area on the Bid Form.

INITIALS: _____ COMPANY: _____

Vendors are informed that the referenced Request for Bids (RFB) is hereby modified, corrected or supplemented as specified, described and set forth in this Addendum.

REFER TO THE 12-PAGE ATTACHMENT FOR ADDITIONAL INFORMATION.



Andrea J. McCorvey, CPPB
Purchasing Division Manager

1 July, 2009

**Andras Allen Starr Architects
Project No. 07-216.6
Fire Station #2
33rd Street
Columbus, Georgia**

ADDENDUM NO. 1

THIS ADDENDUM CONTAINS TWELVE (12) WRITTEN PAGES. THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AS HEREIN DESCRIBED:

Bid Date

Item 1.1: Specification Table of Contents TOC-1 thru TOC-2

Modify Table of Contents as follows
Add Section 033000 – Cast in Place Concrete Pages 033000-1 thru 033000-21
Delete all Sections under Division 13 – Special Construction in its entirety

Item 1.2: Specification Section 1400 Quality Requirements

Modify paragraph 1.7.A. Owner Responsibilities : Delete subparagraphs 1. and 2. in their entirety.

Add paragraphs 3. and 4. to 1.7.B. Contractor Responsibility as follows:

3. Contractor will engage and compensate testing agencies and shall furnish the Owner with the names of such agencies and the types of testing and inspecting they are engaged to perform.

4. Costs for retesting and reinspecting construction that replaces or is necessitated by work that failed to comply with the Contract Documents will be charged to Contractor.

Item 1.3: Specification Section 33000 Cast-In Place Concrete

Modify paragraph 3.15 Field Quality Control, A. as follows: Delete the word “Owner” and replace as “A. Testing and Inspecting: **Contractor** will engage a qualified testing and inspecting agency to perform field tests and inspections and prepare test reports.”

Item 1.4: Specification Section 4200 Unit Masonry

Modify paragraph 10.8.BB.1.a. From Jenkins Brick “Red Select” to Jenkins Brick “Red Richmond”.

Item 1.5: Specification Section 4200 Unit Masonry

Add the following note to paragraph 2.4 Mortar and Grout Materials to read as follows:
"Type S mortar shall conform to ASTM C 270 and shall be used for foundations and piers. Mortar Type N shall conform to the proportion specification of ASTM C 270. Type N mortar can be used for brick above grade.
Mortar Allowance- \$16.00 Per Bag should be used for bid process. Mortar color will be chosen from manufacturer's full line of color samples by the Architect."

Item 1.6: Specification Section 7410 Manufactured Roof Panels

Add the following manufacturers to paragraph 2.1.A. Subject to compliance with the requirements:

- i. Architectural Integrated Metals (AIM)
- j. Firestone Metal Products
- k. Inland Buildings
- l. Whirlwind

Item 1.7: Specification Section 8710 Door Hardware

Change Paragraph 3.3.B from "Hardware Set: See Attached List" to "Hardware Set: Allow the sum of \$15,000 labor and materials for door hardware, exclusive of overhead doors."

Item 1.8: Specification Section 9310 Ceramic Tile

Add the following Manufacturers to Paragraph 2.3

- A. Glazed Ceramic Tile = 4.d. Interceramic
- B. Unglazed Ceramic Tile = 3.c. Iris US Deluxe Series and 3.d. Graniti Fiandre New Stone Series

Add the following note to paragraph 2.6 Setting and Grouting Materials " All grout in shower rooms shall be colored epoxy based grout, Epoxy Grout similar to that manufactured by Mapei Corporation. Epoxy Grout (Commercial/Residential) shall be non-toxic, non-flammable, non-hazardous during storage, mixing, application and when cured".

Item 1.9: Specification Section 10350 Flagpoles

Add Specification Section 10350 Flagpoles, 4 pages attached.

Item 1.10: Specification Section 09840 Acoustical Wall Panels

Add Specification Section 0984 0 Acoustical Wall Panels, 4 pages attached.

Item 1.11: Specification Section 10425 Signs

Modify paragraph K. Cast Characters from 1. Material: Bronze to 1. Material: Natural Satin Aluminum, bead-blasted returns, 2-part hardened acrylic polyurethane clear coat.

Item 1.12: Specification Section 16791, Computer Cabling System

Paragraph 3.1.A, change “accessible ceiling” to “accessible ceiling or MDF”. Please note that most ceilings are gypsum board and are **not** accessible.

Item 1.13: Sheet LP1.0 Landscape Planting Plan

Revise note “6' chain link fence” to read: “See civil plans for chain link fence height and location”.

Item 1.14: Sheet A1.2 Finish Plan

Modify Finish Note for the Apparatus Bay to read “Ceiling = Moisture Resistant Gypsum Board - Paint”.

Item 1.15: Sheet A1.2 Finish Plan

Reproduction of bid set does not show the tile pattern in the Day Room, VCT A is the field tile, there are two rectangles of VCT B which are 12' x 18' and 7' x 10'; and one rectangle of VCT C of 2' x 12'. A revised drawing will be issued to the successful bidder.

Item 1.16: Sheet A6.1 Detail 1 Wall Section

Modify note to read “**1 1/2**” Rigid Foam Insulation”.

Item 1.17: Sheet A9.1 Door and Window Schedule and Casework Details

Add note below Door Schedule to read “All room signs shall be minimum 6” x 6”, and mounted @ 5'-0” a.f.f. To the center of the sign to the latch side of the door u.n.o. - Restroom signs shall be 8” tall x 6 1/2” wide with symbols, letters and braille”.

Item 1.18: Sheet S1.1 Foundation Plan

Add note 7. to read as follows:

7. Slope slab on grade to drain to floor drains located on sheets A1.1 and A1.2. Note that ceramic tile floor is thin set and there is no recessed tile.

Item 1.19: Sheet S2.1 Roof Framing Plan

Modify Note 1 to read “1. Roof sheathing shall be minimum **5/8**” thick sheathing...”.

Item 1.20: Sheet E2 Lighting Plan

1. Add an exit sign, X1 at door #15 on kitchen/dayroom side of door
2. Relocate exit sign, X1 to apparatus side of door #23

Item 1.21: Sheet E3 Low Voltage Plan

1. Add notes 3 & 5 to unlabeled bell in apparatus bay
2. Remove “E/F” symbol from horn strobe in apparatus bay and connect to FAP
3. Delete Horn symbols with “H” inside and subscript “E” & “F”, these have been changed to ceiling speakers. See Fire and EMS Speaker Plan.
4. Note 8, provide two microphones as described in note 8, one for EMS radio & one for Fire Radio.

5. Add a smoke detector directly above FAP in entry corridor and connect to FAP.
6. Wire strobes shown in Classroom 11 & Office #7 to FAP.
7. Change backboard label in room #3 from "TBB" to "TBB & MDF".
8. Mount EMS & Fire Speaker System Amplifiers (Bogen C35) on top shelf of Cabinet detailed on this sheet in elevation.

Item 1.22: Sheet E3 Fire & EMS Speaker Plan

1. Ceiling speakers for EMS & Fire Call shall have a backbox recessed in gypsum board ceilings. Also provide trim rings.

Item 1.23: Sheet E5 Light Fixture Schedule

1. Types "L1" & "L2", equal by Diversified Lighting and Gardco shall be acceptable
2. Type "N", equal by Portfolio shall be acceptable.
3. Type "O", delete "STS256-OBDM28DBB or equal" and "25'square tapered steel poles". Change "Lithonia #55S306G" to Lithonia # SSS306G, 30' square straight steel pole, or equal, or equal by Emco shall be acceptable".

Item 1.24: Sheet E5 Electrical Legend

1. Delete symbol for 480/277 V, 3 PH, 4W Panel. All panels are scheduled as 120/208, 3 PH, 4W Panels. See Light Fixture Schedule.

END OF ADDENDUM NO. 1

SECTION 09840 - ACOUSTICAL WALL PANELS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Cementitious wood fiber plank acoustical wall panel system and installation accessories.

1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials.
- B. Ceilings and Interior Systems Construction Association (CISCA).
 - 1. CISCA Code of Practices.

1.3 SYSTEM DESCRIPTION

- A. Performance Requirements:
 - 1. Provide acoustical wall panel assembly designed and tested to provide surface burning characteristics (ASTM E84) as follows:
 - a. Flamespread: 0.
 - b. Smoke Developed: 0.
 - 2. Provide acoustical wall panel system which has been manufactured, fabricated and installed to provide Noise Reduction Coefficient (NRC) rating as follows:
 - a. 0.60.

1.4 SUBMITTALS

- A. General: Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures Section.
- B. Product Data: Submit manufacturer's product data and installation instructions.
 - 1. Recommended procedures for normal cleaning and removal of stains including precautions in use of cleaning materials that may be detrimental to surfaces.
- C. Samples: Submit selection and verification samples: 6" x 6" (152 x 152 mm) sample for each wood fiber wall panel unit required, showing full range of exposed texture to be expected in completed work.

- D. Quality Assurance/Control Submittals: Submit the following:
 - 1. Test Reports: Upon request, submit certified test reports from recognized test laboratories.
 - 2. Certificates: Submit manufacturer's certificate that products meet or exceed specified requirements.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Utilize an installer having demonstrated experience on projects of similar size and complexity.
- B. Regulatory Requirements and Approvals: Comply with requirements below.
 - 1. Southern Building Code Congress International (SBCCI):
 - a. SBCCI Report 9406A.

1.6 DELIVERY, STORAGE & HANDLING

- A. General: Comply with Division 1 Product Requirement Section.
- B. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.
 - 1. Prevent soiling, physical damage or wetting.
 - 2. Store cartons open at each end to stabilize moisture content and temperature.

1.7 PROJECT/SITE CONDITIONS

- A. Environmental Requirements:
 - 1. Do not install acoustical panels until building is closed in and HVAC system is operational.
 - 2. Locate materials onsite in the space(s) in which they are to be installed at least 24 hours before beginning installation to allow materials to reach temperature and moisture content equilibrium.

1.8 MAINTENANCE

- A. Extra Materials: Provide 10% minimum additional material for use by owner in building maintenance and repair.
- B. Provide new unopened cartons of extra materials, packaged with protective covering for storage, identified with appropriate labels.

PART 2 - PRODUCTS

2.1 ACOUSTICAL WALL PANEL SYSTEM

A. Manufacturer: Tectum Inc.

1. Contact: 105 South 6th St., Newark, OH 43055; Telephone: (888) 977-9691, (740) 345-9691; Fax: (800) 832-8869; E-mail: info@tectum.com; website: www.tectum.com.

B. Acoustical Wall panel systems, including the following:

1. Tectum Standard Interior Wall Panels:
 - a. Material: Aspen wood fibers bonded with inorganic hydraulic cement.
 - b. Thickness: 1-1/2".
 - c. Edge: Long edge beveled.
 - d. Width: 23 3/4" (603 mm).
 - e. Length: 12'-0".
 - f. Color: Natural.
 - g. Mounting Style: "D-20". Provide all fasteners and furring strips for a complete single source installation.

2.2 ACCESSORIES

A. Provide accessories as follows:

1. Stainless steel wood screws.
 - a. Material: Stainless Steel.
 - b. Length: As required by manufacturer for conditions indicated.
 - c. Color: Factory painted white.
2. Touch-Up Paint:
 - a. Color: White.

PART 3 - EXECUTION

3.1 MANUFACTURER'S INSTRUCTIONS

- A. Comply with the instructions and recommendations of the acoustical wall panel system manufacturer.
- B. Install materials in accordance with governing regulations, fire resistance rating requirements and industry standards applicable to work.
 1. Comply with CISCA Code of Practices.

3.2 EXAMINATION

- A. Site Verification of Conditions:
 - 1. Examine surfaces scheduled to receive suspended or directly attached acoustical units for unevenness, irregularities and dampness that would affect quality and execution of work.
 - 2. Do not proceed with installation of wall panel system until unacceptable conditions are corrected.

3.3 INSTALLATION

- A. Apply panels in strict accordance with Manufacturer's written instructions and as follows.
 - 1. Install panels horizontally in pattern directed by Architect.
- B. Screw heads to be flush with panel surface.
 - 1. Coordinate exposed fastener layout with Architect prior to installation.
- C. Cover field cut edges by means of solid wood trim as specified in Division 6 Section "Finish Carpentry".

3.4 CLEANING

- A. Clean exposed surfaces of acoustical panel, trim, moldings and suspension members to comply with manufacturer's instructions for cleaning.
- B. Touch up any minor finish damage.
- C. Remove and replace work which cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

3.5 PROTECTION

- A. Protect installed work from damage due to subsequent construction activity, including temperature and humidity limitations and dust control, so that the work will be without damage and deterioration at the time of acceptance by the Owner.

END OF SECTION

SECTION 10350 - FLAGPOLES

PART 1 - GENERAL

2.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

3.2 SUMMARY

- B. This Section includes the following:

- 1. Aluminum flagpoles.

- C. Related Sections include the following:

- 2. Division 3 Section "Cast-in-Place Concrete" for concrete footings for flagpoles, if any, and if not specified in this Section.
- 3. Division 7 Section "Joint Sealants" for elastomeric sealant filling the top of the foundation tube, if any.

4.3 PERFORMANCE REQUIREMENTS

- D. Structural Performance: Provide flagpoles capable of withstanding the effects of wind loads as determined according to the building code in effect for this Project.

- 4. Base flagpole design on maximum standard-size flag suitable for use with pole or flag size indicated, whichever is more stringent.
 - 5. Basic Wind Speed: For Project location, 90 mph.

5.4 SUBMITTALS

- E. Product Data: For each type of flagpole required. Include installation instructions.

- F. Shop Drawings: Show general layout, jointing, grounding method, and anchoring and supporting systems.

- 6. Include details of foundation system for ground set poles.

- G. Structural Calculations: For flagpoles indicated to comply with certain design loadings, include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

- H. Finish Samples for Verification: For each finished metal used for flagpoles and accessories.

6.5 QUALITY ASSURANCE

- I. Source Limitations: Obtain each flagpole as a complete unit from a single manufacturer, including fittings, accessories, bases, and anchorage devices.

7.6 DELIVERY, STORAGE, AND HANDLING

- J. General: Spiral wrap flagpoles with heavy kraft paper or other weathertight wrapping and enclose in a hard fiber tube or other protective container.

PART 8 - PRODUCTS

9.7 MANUFACTURERS

- K. 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:

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

7. **Baartol Co., Inc. – Basis of Design**
8. Concord Industries, Inc.
9. Eder Flag Manufacturing Co., Inc.
10. Ewing: John Ewing & Co. Inc.
11. ICC Manufacturing Co.; Morgan-Francis Div.; AABEC Pole Div.
12. Kearney-National Inc.; American Flagpole Div.
13. Lingo, Inc.; Acme Flagpole Co. Div.
14. Michigan Flagpole Inc.
15. Olympus Flag & Banner; EMC Div.
16. PLP Composite Technologies, Inc.
17. Pole-Tech Co., Inc.

10.8 FLAGPOLES

- M. Pole Construction, General: Construct poles and ship to Project site in one piece, if possible. If more than one piece is necessary, provide snug-fitting precision joints with self-aligning, internal splicing sleeve arrangement for weathertight, hairline field joints.

- N. Aluminum Flagpoles: Height 40'. Fabricate from seamless, extruded tubing complying with ASTM B 241 (ASTM B 241M), alloy 6063, with a minimum wall thickness of 3/16 inch. Heat treat after fabrication to comply with ASTM B 597, temper T6.

18. Provide cone-tapered aluminum flagpoles.

- O.. Provide base with anchor bolts.

19. Model VM-4 as manufactured by Baartol Co., Inc.
2. Finish wall-mount to match flagpole.

2.3 FITTINGS

- P. Finial Ball: Manufacturer's standard flush-seam ball, sized as indicated or, if not indicated, to match pole-butt diameter.

20. Spun stainless steel, finished to match pole shaft.

- Q. External Halyard: Ball-bearing, nonfouling, revolving truck assemblies of cast metal with continuous 5/16-inch- (8-mm-) diameter, braided polypropylene halyards and 9-inch (225-mm)

cast-metal cleats with fasteners. Finish exposed metal surfaces to match flagpole.

21. Provide one halyard and one cleat at each flagpole.

R. Halyard Flag Snaps: Provide 2 swivel snap hooks per halyard, as follows:

22. Stainless steel.

2.4 MISCELLANEOUS MATERIALS

- A. Concrete: Comply with requirements of Division 3 Section "Cast-in-Place Concrete."
- B. Concrete: Provide concrete composed of Portland cement, coarse and fine aggregate, and water mixed in proportions to attain a 28-day compressive strength of not less than 3000 psi (20 Mpa), complying with ASTM C 94.
- C. Nonshrink, Nonmetallic Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C 1107.
- D. Sand: ASTM C 33, fine aggregate.
- E. Elastomeric Sealant: Comply with requirements of Division 7 Section "Joint Sealants."

2.5 FINISHES

- S. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations relative to applying and designating finishes.
 - T. Aluminum: Finish designations prefixed by AA conform to the system established by the Aluminum Association for designating aluminum finishes.
23. Natural Satin Finish: Provide fine, directional, medium satin polish (AA-M32); buff complying with AA-M20; and seal aluminum surfaces with clear, hard-coat wax.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Excavation: For foundation, excavate to neat clean lines in undisturbed soil. Remove loose soil and foreign matter from excavation and moisten earth before placing concrete.
- B. Provide forms where required due to unstable soil conditions and for perimeter of flagpole base at grade. Secure forms, foundation tube, fiberglass sleeve, or anchor bolts in position, braced to prevent displacement during concreting.
- C. Place concrete immediately after mixing. Compact concrete in place by using vibrators. Moist-cure exposed concrete for not less than 7 days or use a nonstaining curing compound.
- D. Trowel exposed concrete surfaces to a smooth, dense finish, free of trowel marks, and uniform in texture and appearance. Provide positive slope for water runoff to base perimeter.

3.2 FLAGPOLE INSTALLATION

- U. General: Install flagpoles where shown and according to Shop Drawings and manufacturer's written instructions.
- B. Baseplate Installation: Install baseplate on washers placed over leveling nuts on anchor bolts and adjust until flagpole is plumb. After flagpole is plumb, tighten retaining nuts and fill space under baseplate solidly with nonshrink, nonmetallic grout. Finish exposed grout surfaces smooth

and slope 45 degrees away from edges of baseplate.

END OF SECTION 10350