



BROWN & BILLS  
ARCHITECTS

**ADDENDUM NO. 2**

This Addendum supplements and amends the original Drawings and Specifications, and shall from the date hereon, become an integral part of the Contract Documents.

**MONTGOMERY COUNTY SHERIFF TRAINING CENTER INTERIOR  
RENOVATION PROJECT – PHASE II**

PREPARED BY:

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**January 10, 2018**

TO ALL BIDDERS: This Addendum, including all items listed hereinafter, shall become a part of the Documents, shall be taken into account in preparing the Bid, and shall become a part of the Contract. The work under each branch shall be in accordance with the original Specifications unless excepted in this Addendum.

RFIs received:

- 1. Once the two OH Doors are removed we need to infill these openings with Purlins and Siding. What are the size of the purlins? What type of siding and color exist? We want to match existing both profile and color.**

The purlins are to match existing. There is no information on the original drawings.

We do not have any manufacturer's information on the original siding. We will use a profile that is able to span the distance between the purlins and a color from manufacturer's standard selection. This will most likely be a contrasting color.

- 2. I assume the MEP bid packages Plumber specifically will adjust the manhole cover were the slab needs leveled. Please confirm. Is the intent of the drawings to remove the sloped concrete and cast new flush concrete? Or are you thinking floor leveling?**

The plumbing packages will need to include adjusting the manhole and clean out heights to the new floor height.

We planned on the existing floor being leveled, not cast new.

- 3. There is a new 9'-6" opening from the existing space to the renovated space. Will you provide details on how the PEMB steel is to be detailed and installed?**

The new opening spans between the far edge of an existing door opening and the far edge of an existing window opening. We planned on reusing the existing support for those two openings. We can provide more details if needed when the wall is fully opened.
- 4. Also, what insulation is installed in with the metal panels?**

We currently show batt insulation filling between the metal panels and the new metal stud furring. Vapor Retarder will need to be installed per the manufacturer's instructions. See specifications.
- 5. On A101.2 note 7 describes flooring going over the manhole and clean outs. We are going completely cover over the manhole with the flooring and there will be no future access to it, correct? However drawing D101.2 tells us to raise the manhole, why are we raising it if we are sealing over it?**

The man holes will be raised and covered with the floor. The flooring will be able to be taken up and the manholes accessed if it is ever needed in the future. The flooring could then be re-laid over the manhole.
- 6. There aren't any fire extinguishers on the drawings, will these be needed to get an occupancy permit? Is any signage needed?**

Provide three (3) fire extinguishers. One at each exterior door or located as directed by fire inspector.
- 7. On the 2<sup>nd</sup> Floor for Alternate #2, wall type A going around Open Office 201. How is this wall to be secured? On the cut, it shows the wall going up 10' and stopping. The wall won't very sturdy just having ceiling grid holding the top up inside of the room.**

Provide bracing to the structure above.
- 8. What is the elevation for the top of the new concrete footings?**

The top of the new footings will be flush with the existing floor and be finished to receive flooring.
- 9. Does the new columns set on the footings or on the replaced floor slab? Do you have a detail for what you want here?**

See response to question #8 above.
- 10. Notes on the drawings indicate a lite weight concrete for the slab on deck, but the specs do not contain a mix design of mention lite weight. Is it to be lite weight? And if so, is both the 3" and 4" areas lite weight, some notes indicate that the 3" might be lite weight but others do not?**

All concrete on the second floor is to be lightweight. Please see attached replacement specification.
- 11. Is the concrete to have 3 or 4 lbs. of fiber mesh, drawings indicate 4 while the specs say 3 lbs.?**

It will be 4 lbs. of fiber mesh. Please see attached replacement specification.

**12. Is it acceptable to remove the grating and fill the trench drain with concrete prior to leveling the floor, or do we need to sawcut the concrete floor and completely remove the trench drain?**

You can just remove the grate and fill the trench drain with concrete.

**13. Does alternate #2, include the 3” concrete slab on deck for the approx. 45’ x 25’ area need for Room #201?**

Yes. Alternate #2 includes the portion of the concrete slab need for room #201.

**14. Is the slab on deck for Room # 201 included in alternate #3?**

Yes. Because Alternate #3 may be accepted and Alternate #2 may not be.

**15. Can we find out what the manufacture of the metal siding is, so we can try to match. This siding was a special/custom order but the original installer could not remember the manufacturer.**

See answer to question #1

**16. The steel supplier needs a size for the channel stringer for the stairs.**

Provide a MC12x10.6 for a stringers on the stair.

**17. The steel supplier needs a size of the support steel for door 121B. (Door is part of Alternate #2)**

Use girts to match existing. Place over head of door between existing columns and down each door jamb to support door frame.

**18. Can the duct work be insulating from the inside or do you want it wrapped?**

We want all supply air ductwork to be externally wrapped per Ductwork Insulation specification section, Item B-1 and Item D-2.

Item B-2 would be used only for transfer air ducts, however on this project we have a fully ducted return so no transfer ducts are needed and no insulation is required on the interior return air ductwork.

Both supply and return air ductwork located outside shall be insulated per Ductwork Insulation specification, Item C and Item D-3.

**19. Alternate #1 will need a price for plumbing & HVAC, can I add a line on the bid for to do this?**

See attached replacement page 003000-5.

**20. Please see attached replacement page 003000-4 for a line for Fire Protection Bid.**

Acknowledgment of receipt must be indicated on the bid form.

**END OF ADDENDUM #2**

## **SECTION 03 3000 - CAST-IN-PLACE CONCRETE**

### **PART 1 GENERAL**

#### **1.01 RELATED DOCUMENTS**

- A. Drawings and general provision of Contract including General and Supplementary Conditions and Division-1 Specification sections, apply to work of this section

#### **1.02 SECTION INCLUDES**

- A. Concrete repair and replacement.
- B. Concrete reinforcement.
- C. Joint devices associated with concrete work.
- D. Concrete curing.

#### **1.03 RELATED REQUIREMENTS**

- A. Section 07 9200 - Joint Sealants: Products and installation for sealants for saw cut joints and isolation joints in slabs.

#### **1.04 REFERENCE STANDARDS**

- A. ACI 301 - Specifications for Structural Concrete; 2016.
- B. ACI 302.1R - Guide for Concrete Floor and Slab Construction; 2004 (Errata 2007).
- C. ACI 304R - Guide for Measuring, Mixing, Transporting, and Placing Concrete; 2000 (Reapproved 2009).
- D. ACI 308R - Guide to Curing Concrete; 2001 (Reapproved 2008).
- E. ACI 318 - Building Code Requirements for Structural Concrete and Commentary; 2014 (Errata 2016).
- F. ASTM A615/A615M - Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement; 2016.
- G. ASTM A1064/A1064M - Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete; 2017.
- H. ASTM C33/C33M - Standard Specification for Concrete Aggregates; 2016.
- I. ASTM C94/C94M - Standard Specification for Ready-Mixed Concrete; 2016a.
- J. ASTM C150/C150M - Standard Specification for Portland Cement; 2016.
- K. ASTM C1116/C1116M - Standard Specification for Fiber-Reinforced Concrete; 2010a (Reapproved 2015).
- L. ASTM E1155M - Standard Test Method for Determining F(F) Floor Flatness and F(L) Floor Levelness Numbers (Metric); 2014.

#### **1.05 SUBMITTALS**

- A. See Section 01 3000 - Submittals, for submittal procedures.
- B. Product Data: Submit manufacturers' data on manufactured products showing compliance with specified requirements and installation instructions.
- C. Mix Design: Submit proposed concrete mix design.
- D. Samples: Submit samples of underslab vapor retarder to be used.
- E. Project Record Documents: Accurately record actual locations of embedded utilities and components that will be concealed from view upon completion of concrete work.
- F. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

## 1.06 QUALITY ASSURANCE

- A. Perform work of this section in accordance with ACI 301 and ACI 318.

## PART 2 PRODUCTS

### 2.01 FORMWORK

- A. Formwork Design and Construction: Comply with guidelines of ACI 347R to provide formwork that will produce concrete complying with tolerances of ACI 117.
- B. Form Materials: Contractor's choice of standard products with sufficient strength to withstand hydrostatic head without distortion in excess of permitted tolerances.
  - 1. Form Coating: Release agent that will not adversely affect concrete or interfere with application of coatings.
  - 2. Form Ties: Cone snap type that will leave no metal within 1-1/2 inches (38 mm) of concrete surface.

### 2.02 REINFORCEMENT

- A. Reinforcing Steel: ASTM A615/A615M, Grade 60 (60,000 psi) (420 MPa).
  - 1. Type: Deformed billet-steel bars.
  - 2. Finish: Unfinished, unless otherwise indicated.
- B. Reinforcement Accessories:
  - 1. Tie Wire: Annealed, minimum 16 gage, 0.0508 inch (1.29 mm).

### 2.03 CONCRETE MATERIALS

- A. Cement: ASTM C150/C150M, Type I - Normal Portland type.
  - 1. Acquire cement for entire project from same source.
- B. Fine and Coarse Aggregates: ASTM C 33.
- C. Fly Ash: ASTM C618, Class C or F.
- D. Calcined Pozzolan: ASTM C618, Class N.
- E. Water: Clean and not detrimental to concrete.
- F. Structural Fiber Reinforcement: ASTM C1116/C1116M.
  - 1. Fiber Type: Alkali-resistant polypropylene.
  - 2. Fiber Length: 2.0 inch (50.66 mm), nominal.
  - 3. Manufacturers:
    - a. Euclid Chemical Company; TUF-STRAND: [www.euclidchemical.com/#sle](http://www.euclidchemical.com/#sle).
    - b. Forta Corporation; FORTA-FERRO: [www.forta-ferro.com/#sle](http://www.forta-ferro.com/#sle).
    - c. Substitutions: See Section 01 6310 – Products & Substitutions.

### 2.04 ADMIXTURES

- A. Do not use chemicals that will result in soluble chloride ions in excess of 0.1 percent by weight of cement.
- B. Air Entrainment Admixture: ASTM C260/C260M.

## 2.05 ACCESSORY MATERIALS

- A. Underslab Vapor Retarder: Multi-layer, fabric-, cord-, grid-, or aluminum-reinforced polyethylene or equivalent, complying with ASTM E1745, Class A; stated by manufacturer as suitable for installation in contact with soil or granular fill under concrete slabs. The use of single ply polyethylene is prohibited.
1. Installation: Comply with ASTM E1643.
  2. Accessory Products: Vapor retarder manufacturer's recommended tape, adhesive, mastic, prefabricated boots, etc., for sealing seams and penetrations in vapor retarder.
  3. Manufacturers:
    - a. Fortifiber Building Systems Group; Moistop Ultra 15: [www.fortifiber.com/#sle](http://www.fortifiber.com/#sle).
    - b. Insulation Solutions, Inc; Viper VaporCheck II 15-mil (Class A): [www.insulationsolutions.com/#sle](http://www.insulationsolutions.com/#sle).
    - c. W. R. Meadows, Inc; PERMINATOR Class A - 15 mils (0.38 mm): [www.wrmeadows.com/#sle](http://www.wrmeadows.com/#sle).
    - d. Substitutions: See Section 01 6310 - Products & Substitutions.
- B. Non-Shrink Cementitious Grout: Premixed compound consisting of non-metallic aggregate, cement, water reducing and plasticizing agents.
1. Grout: Comply with ASTM C1107/C1107M.
  2. Height Change, Plastic State; when tested according to ASTM C827/C827M:
    - a. Maximum: Plus 4 percent.
    - b. Minimum: Plus 1 percent.
  3. Minimum Compressive Strength at 48 Hours, ASTM C109/C109M: 2,000 pounds per square inch (13.7 MPa).
  4. Minimum Compressive Strength at 28 Days: 7,000 pounds per square inch (48 MPa).
  5. Products containing aluminum powder are not permitted.
  6. Flowable Products:
    - a. Five Star Products, Inc; Five Star Fluid Grout 100: [www.fivestarprouducts.com/#sle](http://www.fivestarprouducts.com/#sle).
    - b. Kaufman Products Inc; SureGrout: [www.kaufmanproducts.net](http://www.kaufmanproducts.net).
    - c. ProSpec, an Oldcastle brand; C-1107 Construction Grout: [www.prospec.com/#sle](http://www.prospec.com/#sle).
    - d. Substitutions: See Section 01 6000 - Product Requirements.
  7. Low-Slump, Dry Pack Products:
    - a. Five Star Products, Inc; Five Star Grout: [www.fivestarprouducts.com/#sle](http://www.fivestarprouducts.com/#sle).
    - b. L&M Construction Chemicals, Inc, a subsidiary of Laticrete International, Inc; Duragrout: [www.lmcc.com/#sle](http://www.lmcc.com/#sle).
    - c. W. R. Meadows, Inc; PAC-IT: [www.wrmeadows.com/#sle](http://www.wrmeadows.com/#sle).
    - d. Substitutions: See Section 01 6310 - Products & Substitutions.

## 2.06 BONDING AND JOINTING PRODUCTS

- A. Latex Bonding Agent: Non-redispersable acrylic latex, complying with ASTM C1059/C1059M, Type II.
- B. Slab Isolation Joint Filler: 1/2 inch (13 mm) thick, height equal to slab thickness, with removable top section that will form 1/2 inch (13 mm) deep sealant pocket after removal.
- C. Slab Construction Joint Devices: Combination keyed joint form and screed, galvanized steel, with rectangular or round knockout holes for conduit or rebar to pass through joint form at 6 inches (150 mm) on center; ribbed steel stakes for setting.

## 2.07 CURING MATERIALS

- A. Evaporation Reducer: Liquid thin-film-forming compound that reduces rapid moisture loss caused by high temperature, low humidity, and high winds; intended for application immediately after concrete placement.
  - 1. Manufacturers:
    - a. Dayton Superior Corporation; AquaFilm Concentrate J74: [www.daytonsuperior.com/#sle](http://www.daytonsuperior.com/#sle).
    - b. Kaufman Products Inc; VaporAid: [www.kaufmanproducts.net/#sle](http://www.kaufmanproducts.net/#sle).
    - c. SpecChem, LLC; SpecFilm Concentrate or SpecFilm RTU: [www.specchemllc.com/#sle](http://www.specchemllc.com/#sle).
    - d. W. R. Meadows, Inc; Evapre or Evapre-RTU: [www.wrmeadows.com/#sle](http://www.wrmeadows.com/#sle).
    - e. Substitutions: See Section 01 6310 - Products & Substitutions.
- B. Curing Compound, Naturally Dissipating: Clear, water-based, liquid membrane-forming compound; complying with ASTM C309.
  - 1. Application: Use at slabs, unless noted otherwise.
  - 2. Product dissipates within 4 to 6 weeks.
  - 3. Provide product containing fugitive red dye.
  - 4. Manufacturers:
    - a. Dayton Superior Corporation; Resin Cure with Dye J11WD: [www.daytonsuperior.com/#sle](http://www.daytonsuperior.com/#sle).
    - b. Kaufman Products Inc; Thinfilm 420 Resin Base: [www.kaufmanproducts.net/#sle](http://www.kaufmanproducts.net/#sle).
    - c. W. R. Meadows, Inc; 1100-Clear: [www.wrmeadows.com/#sle](http://www.wrmeadows.com/#sle).
    - d. Substitutions: See Section 01 6310 - Products & Substitutions.

## 2.08 CONCRETE MIX DESIGN

- A. Proportioning Normal Weight Concrete: Comply with ACI 211.1 recommendations.
- B. Concrete Strength: Establish required average strength for each type of concrete on the basis of field experience or trial mixtures, as specified in ACI 301.
  - 1. For trial mixtures method, employ independent testing agency acceptable to Architect for preparing and reporting proposed mix designs.
- C. Admixtures: Add acceptable admixtures as recommended in ACI 211.1 and at rates recommended or required by manufacturer.
- D. Fiber Reinforcement: Add to mix at rate of 4.0 pounds per cubic yard, or as recommended by manufacturer for specific project conditions.
- E. Normal Weight Concrete:
  - 1. Compressive Strength, when tested in accordance with ASTM C39/C39M at 28 days: As indicated on drawings.
  - 2. Fly Ash Content: Maximum 15 percent of cementitious materials by weight.
  - 3. Calcined Pozzolan Content: Maximum 10 percent of cementitious materials by weight.
  - 4. Cement Content: Minimum 520 lb per cubic yard at slab on grade.
  - 5. Water-Cement Ratio: Maximum 52 percent by weight, 3000psi concrete.
  - 6. Total Air Content: 6 percent, determined in accordance with ASTM C173/C173M.
  - 7. Maximum Slump: 4 inches (100 mm).
  - 8. Maximum Aggregate Size: 5/8 inch (16 mm).
- F. Light Weight Concrete:
  - 1. Minimum Compressive Strength, 3500 psi at 28 days.
  - 2. Air content: Do not allow air content of trowel-finished floors to exceed 3 per cent.
  - 3. Lightweight Aggregate: ASTM C 330/C 330M, 3/4-inch nominal maximum aggregate size.
  - 4. Calculated Equilibrium Unit Weight: 115 lb/cu. ft.
  - 5. Slump Limit: 4 inches
  - 6. Synthetic Macro-Fiber (Tuf-Strand): Uniformly disperse in concrete mixture at manufacturer's recommended rate, but not less than a rate of 4.0 lb/yd.

## **2.09 MIXING**

- A. On Project Site: Mix in drum type batch mixer, complying with ASTM C685/C685M. Mix each batch not less than 1-1/2 minutes and not more than 5 minutes.
  - 1. Fiber Reinforcement: Batch and mix as recommended by manufacturer for specific project conditions.
- B. Transit Mixers: Comply with ASTM C94/C94M.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify lines, levels, and dimensions before proceeding with work of this section.

### **3.02 PREPARATION**

- A. Formwork: Comply with requirements of ACI 301. Design and fabricate forms to support all applied loads until concrete is cured, and for easy removal without damage to concrete.
- B. Verify that forms are clean and free of rust before applying release agent.
- C. Coordinate placement of embedded items with erection of concrete formwork and placement of form accessories.
- D. Prepare existing concrete surfaces to be repaired according to ICRI 310.2R.
- E. Where new concrete is to be bonded to previously placed concrete, prepare existing surface by cleaning and applying bonding agent in according to bonding agent manufacturer's instructions.
  - 1. Use latex bonding agent only for non-load-bearing applications.
- F. In locations where new concrete is doweled to existing work, drill holes in existing concrete, insert steel dowels and pack solid with non-shrink grout.
- G. Interior Slabs on Grade: Install vapor retarder under interior slabs on grade. Lap joints minimum 6 inches (150 mm). Seal joints, seams and penetrations watertight with manufacturer's recommended products and follow manufacturer's written instructions. Repair damaged vapor retarder before covering.
  - 1. Vapor Retarder Over Granular Fill: Install compactible granular fill before placing vapor retarder as indicated on the drawings. Do not use sand.

### **3.03 INSTALLING REINFORCEMENT AND OTHER EMBEDDED ITEMS**

- A. Comply with requirements of ACI 301. Clean reinforcement of loose rust and mill scale, and accurately position, support, and secure in place to achieve not less than minimum concrete coverage required for protection.
- B. Install welded wire reinforcement in maximum possible lengths, and offset end laps in both directions. Splice laps with tie wire.
- C. Verify that anchors, seats, plates, reinforcement and other items to be cast into concrete are accurately placed, positioned securely, and will not interfere with concrete placement.

### **3.04 PLACING CONCRETE**

- A. Place concrete in accordance with ACI 304R.
- B. Place concrete for floor slabs in accordance with ACI 302.1R.
- C. Notify Architect not less than 24 hours prior to commencement of placement operations.
- D. Maintain records of concrete placement. Record date, location, quantity, air temperature, and test samples taken.



- E. Ensure reinforcement, inserts, waterstops, embedded parts, and formed construction joint devices will not be disturbed during concrete placement.
- F. Place concrete continuously without construction (cold) joints wherever possible; where construction joints are necessary, before next placement prepare joint surface by removing laitance and exposing the sand and sound surface mortar, by sandblasting or high-pressure water jetting.
- G. Finish floors level and flat, unless otherwise indicated, within the tolerances specified below.

### 3.05 SLAB JOINTING

- A. Locate joints as indicated on the drawings.
- B. Anchor joint fillers and devices to prevent movement during concrete placement.
- C. Isolation Joints: Use preformed joint filler with removable top section for joint sealant, total height equal to thickness of slab, set flush with top of slab.
  - 1. Install wherever necessary to separate slab from other building members, including columns, walls, equipment foundations, footings, stairs, manholes, sumps, and drains.
- D. Load Transfer Construction and Contraction Joints: Install load transfer devices as indicated; saw cut joint at surface as indicated for contraction joints.
- E. Saw Cut Contraction Joints: Saw cut joints before concrete begins to cool, within 4 to 12 hours after placing; use 3/16 inch (5 mm) thick blade and cut at least 1 inch (25 mm) deep but not less than one quarter (1/4) the depth of the slab.
- F. Construction Joints: Where not otherwise indicated, use metal combination screed and key form, with removable top section for joint sealant.

### 3.06 FLOOR FLATNESS AND LEVELNESS TOLERANCES

- A. Maximum Variation of Surface Flatness:
  - 1. Exposed Concrete Floors: 1/4 inch (6 mm) in 10 feet (3 m).
  - 2. Under Seamless Resilient Flooring: 1/4 inch (6 mm) in 10 feet (3 m).
  - 3. Under Carpeting: 1/4 inch (6 mm) in 10 feet (3 m).
- B. Correct the slab surface if tolerances are less than specified.
- C. Correct defects by grinding or by removal and replacement of the defective work. Areas requiring corrective work will be identified. Re-measure corrected areas by the same process.

### 3.07 CONCRETE FINISHING

- A. Repair surface defects, including tie holes, immediately after removing formwork.
- B. Concrete Slabs: Finish to requirements of ACI 302.1R, and as follows:
  - 1. Surfaces to Receive Thin Floor Coverings: "Steel trowel" as described in ACI 302.1R; thin floor coverings include carpeting, resilient flooring, seamless flooring, resinous matrix terrazzo, thin set quarry tile, and thin set ceramic tile.
  - 2. Other Surfaces to Be Left Exposed: Trowel as described in ACI 302.1R, minimizing burnish marks and other appearance defects.
- C. In areas with floor drains, maintain floor elevation at walls; pitch surfaces uniformly to drains at 1:100 nominal.

### **3.08 CURING AND PROTECTION**

- A. Comply with requirements of ACI 308R. Immediately after placement, protect concrete from premature drying, excessively hot or cold temperatures, and mechanical injury.
- B. Maintain concrete with minimal moisture loss at relatively constant temperature for period necessary for hydration of cement and hardening of concrete.
  - 1. Normal concrete: Not less than 7 days.
  - 2. High early strength concrete: Not less than 4 days.
- C. Surfaces Not in Contact with Forms:
  - 1. Slabs and Floors To Receive Adhesive-Applied Flooring: Curing compounds and other surface coatings are usually considered unacceptable by flooring and adhesive manufacturers. If such materials must be used, either obtain the approval of the flooring and adhesive manufacturers prior to use or remove the surface coating after curing to flooring manufacturer's satisfaction.
  - 2. Initial Curing: Start as soon as free water has disappeared and before surface is dry. Keep continuously moist for not less than three days by water ponding, water-saturated sand, water-fog spray, or saturated burlap.
    - a. Ponding: Maintain 100 percent coverage of water over floor slab areas, continuously for 4 days.
    - b. Saturated Burlap: Saturate burlap-polyethylene and place burlap-side down over floor slab areas, lapping ends and sides; maintain in place.
  - 3. Final Curing: Begin after initial curing but before surface is dry.
    - a. Moisture-Retaining Sheet: Lap strips not less than 3 inches (75 mm) and seal with waterproof tape or adhesive; secure at edges.
    - b. Curing Compound: Apply in two coats at right angles, using application rate recommended by manufacturer.

### **3.09 DEFECTIVE CONCRETE**

- A. Defective Concrete: Concrete not conforming to required lines, details, dimensions, tolerances or specified requirements.
- B. Repair or replacement of defective concrete will be determined by the Architect. The cost of additional testing shall be borne by Contractor when defective concrete is identified.
- C. Do not patch, fill, touch-up, repair, or replace exposed concrete except upon express direction of Architect for each individual area.

### **3.10 PROTECTION**

- A. Do not permit traffic over unprotected concrete floor surface until fully cured.

### **3.11 SCHEDULE - CONCRETE TYPES AND FINISHES**

- A. Foundation Walls: 3,000 pounds per square inch (20.7 MPa) 28 day concrete, form finish with honeycomb filled surface.
- B. Underside of Supported Floors and Structure Exposed to View: 4,000 pounds per square inch (27.6 MPa) 28 day concrete, form finish with honeycomb filled surface.
- C. Exposed Portico Structure: 4,000 pounds per square inch (27.6 MPa) 28 day concrete, air entrained, smooth rubbed finish.

**END OF SECTION 03 3000**

By: \_\_\_\_\_

\_\_\_\_\_  
Address

\_\_\_\_\_  
City State Zip

\_\_\_\_\_  
(Area Code) Phone Fax

\_\_\_\_\_  
Contact Person

**PROPOSAL**  
**SUBMIT ORIGINAL AND ONE COPY**

Hon. Board of County Commissioners  
Montgomery County  
Dayton, OH 45422

Commissioners:

The undersigned having full knowledge of the Site, Plans, and Specifications for the following improvement hereby agrees to furnish all materials, labor and equipment, and to complete in a workmanlike manner all the Work required for the following improvement:

**Montgomery County Sheriff's Office Relocation – Phase 2**  
**6589 Webster St.**  
**Dayton, Ohio 45414**

In accordance with the Plans and Specifications therefore on file in the office of and under the direction of the Director of the Public Works Department or his authorized representative, at the rates hereinafter set forth.

Each laborer, workman or mechanic employed by the Contractor, the subcontractor, or any person about or upon the Work to be performed will be paid not less than the prevailing wages as required by the Statutes of the State of Ohio. (Sections 4115.01 to 4115.14 O.R.C.). Minimum wages are those paid in the same trade or occupation in the locality where such public work is being performed, under collective agreements or understanding between bona fide organizations of labor and employers as determined by the Department of Industrial Relations.

All bidders shall show price for labor and materials separately, both written in words and shown in figures. N.B. bids shall be clearly marked in the appropriate areas.

**BASE BID**

**PROPOSAL #1 - GENERAL CONTRACT: DIVISION 1 THRU 10**

Contractor \_\_\_\_\_

Labor     \$ \_\_\_\_\_

Material   \$ \_\_\_\_\_

Allowance \$ 30,000.00     Thirty thousand & 00/100

Total     \$ \_\_\_\_\_

Itemize the value of the following specification sections that are included in the above proposal:

**PROPOSAL #2 – FIRE PROTECTION CONTRACT: DIVISION 21**

Contractor \_\_\_\_\_

Labor     \$ \_\_\_\_\_

Material   \$ \_\_\_\_\_

Allowance \$ \_\_\_\_\_

Total     \$ \_\_\_\_\_

**PROPOSAL #3 – PLUMBING CONTRACT: DIVISION 22**

Contractor \_\_\_\_\_

Labor     \$ \_\_\_\_\_

Material   \$ \_\_\_\_\_

Allowance \$ \_\_\_\_\_

Total     \$ \_\_\_\_\_

**PROPOSAL #4 – HVAC CONTRACT: DIVISION 23**

Contractor \_\_\_\_\_  
Labor \$ \_\_\_\_\_  
Material \$ \_\_\_\_\_  
Allowance \$ 10,000.00 Ten thousand & 00/100  
Total \$ \_\_\_\_\_

**PROPOSAL #5 – ELECTRICAL, COMMUNICATIONS & ELECTRONIC SAFETY AND SECURITY CONTRACT: DIVISIONS 26, 27 & 28**

Contractor \_\_\_\_\_  
Labor \$ \_\_\_\_\_  
Material \$ \_\_\_\_\_  
Allowance \$ 10,000.00 Ten thousand & 00/100  
Total \$ \_\_\_\_\_

**COMBINATION BID (OPTIONAL):**

Labor \$ \_\_\_\_\_  
Material \$ \_\_\_\_\_  
Allowance \$ \_\_\_\_\_  
Total \$ \_\_\_\_\_

THE ABOVE COMBINED BID ENCOMPASSES THE FOLLOWING (check  applicable sections bid upon and see below for breakdown of each contract):

\_\_\_ General Contract: \$ \_\_\_\_\_

\_\_\_ Fire Protection Contract: \$ \_\_\_\_\_

\_\_\_ Plumbing Contract: \$ \_\_\_\_\_

\_\_\_ HVAC Contract: \$ \_\_\_\_\_

\_\_\_ Electrical Contract: \$ \_\_\_\_\_

The prices shown are for budgetary purposes only and the total of which combines to the total Combination Bid.

**ALTERNATES**

*(Bid shall be incomplete without the following)*

Bidders shall submit the following Alternates. Failure to do so may be cause to reject the bid. See Section 010300. Alternates, in Division 1, General Requirements, for a complete description of each Alternate. Contractors are required to honor price on alternates for 150 calendar days from date of contract.

Alternate No. 1            Loading Dock Heating System

                                 Plumbing  
                                 ADD: \$ \_\_\_\_\_

                                 HVAC  
                                 ADD: \$ \_\_\_\_\_

Alternate No. 2            Stair, Second Floor Space & Ceilings

                                 ADD: \$ \_\_\_\_\_

Alternate No. 3            Concrete Fill for Second Level

                                 ADD: \$ \_\_\_\_\_

Alternate No. 4            Replace Existing Transformer TR-B

                                 ADD: \$ \_\_\_\_\_







On acceptance of the proposal for said work the undersigned hereby agrees to enter into a Contract and properly secure the performance of same within ten (10) days after being notified that such Contract is ready for signature, and hereby further agrees to finish and complete said Work within \_\_\_\_\_ calendar days and will submit the required Performance Bond in the sum of the full amount of the proposal with surety satisfactory to the Board of County Commissioners, Montgomery County, Ohio, within ten (10) days (not including Sunday and legal holidays) from the date of notification of the award.

The bidder proposes to take out and maintain Public Liability and Property Damage Insurance, in accordance with the limits stated in the specifications, and shall submit Certificate at the same time as the Performance Bond.

Following are the names of all persons, firms, and corporations interested in the above bid as principals:

<u>Name</u>	<u>Address</u>
_____	_____
_____	_____
_____	_____

If no person or party is interested, state that "No person or party other than the bidder is interested in this proposal."

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Bidder must indicate whether it is an individual \_\_\_\_\_,  
partnership \_\_\_\_\_, or corporation \_\_\_\_\_.

If partnership, the members are as follows:

\_\_\_\_\_  
\_\_\_\_\_

If a corporation, the state of incorporation and address of the home office are as follows:

State: \_\_\_\_\_

Home Office Address: \_\_\_\_\_

Dated this . day of \_\_\_\_\_, 20 \_\_\_\_\_.

Bidder: \_\_\_\_\_  
(Person, Firm, or Corporation)

By: \_\_\_\_\_

Title: \_\_\_\_\_

If a certified cashier's check is submitted with proposal, the amount should not be less than 10% of the bid and made payable to the Auditor of Montgomery County. Please finish the following information:

\_\_\_\_\_ Certified Check

\_\_\_\_\_ Cashier's Check

Amount \_\_\_\_\_ Dollars

on \_\_\_\_\_ Bank

of \_\_\_\_\_ is attached.

\_\_\_\_\_  
Bidder

**BID GUARANTY**  
**&**  
**PERFORMANCE BOND**

"KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned \_\_\_\_\_  
\_\_\_\_\_ as principal and \_\_\_\_\_  
\_\_\_\_\_ as sureties, are hereby held and firmly bound unto  
the Board of County Commissioners, Montgomery County, Ohio, as obligee in the penal sum of  
the dollar amount of the bid submitted by the principal to the obligee on \_\_\_\_\_  
\_\_\_\_\_ to undertake the project known as \_\_\_\_\_

\_\_\_\_\_. The penal sum referred to  
herein shall be the dollar amount of the principal's bid to the obligee, incorporating any additive  
or deductive alternative proposals made by the principal on the date referred to above to the  
obligee, which are accepted by the obligee. In no case shall the penal sum exceed the above of  
dollars. (If the foregoing blank is not filled in, the penal sum will be the full amount of the  
principal's bid, including alternates. Alternately, if the blank is filled in, 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 jointly and severally bind ourselves, our heirs, executors, administrators, successors,  
and assigns.

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that whereas the above named  
principal has submitted as bid for \_\_\_\_\_.

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; and in the event the obligee does not award the contract to the next lowest bidder and  
resubmits the project for bidding, the principal pays to 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, or printing new contract documents, required advertising and  
printing and mailing notices to prospective bidders, whichever is less, then this obligation shall  
be null and 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;

Now, also, if the said \_\_\_\_\_ shall well and faithfully do and perform the things agreed by the Board of County Commissioners, Montgomery County, Ohio to be done and performed according to the terms of said contract; and shall pay all lawful claims of subcontractors, materialmen, and laborers, for labor performed and materials furnished in the carrying forward, performing, or completing 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 shall 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 the said contract or in or to the plans or specifications therefore shall in any wise affect the obligations of said surety on its bond."

PRINCIPAL:

\_\_\_\_\_

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

SURETY: \_\_\_\_\_

\_\_\_\_\_

BY: \_\_\_\_\_

Attorney-in-Fact

FACSIMILE COPIES OF OR FAILURE  
BY ANY PARTY TO SIGN BID  
GUARANTY AND CONTRACT BOND  
SHALL RESULT IN REJECTION OF BID.

SURETY COMPANY ADDRESS:

Street

City

State

Zip

(Area Code)

Telephone

Fax

SURETY AGENT'S ADDRESS:

Agency Name

Street

City

State

Zip

(Area Code)

Telephone

Fax

**JUSTIFICATION OF SURETIES**

(Instruction - each individual offering himself as a surety on the \_\_\_\_\_  
\_\_\_\_\_ Bond shall execute one of the Affidavits.)  
(Bid Guaranty and/or Performance)

STATE OF OHIO ss:  
MONTGOMERY COUNTY

I, \_\_\_\_\_, being first duly sworn, depose and say that I  
reside at \_\_\_\_\_ and am a freeholder in Montgomery County,

Ohio, and that I own property in my own name and right, the net worth of which, over and above  
all my debts, liabilities and obligations, including all amounts whereon I am a surety, and over  
and above all my property which is exempt by law from execution, is not less than

\_\_\_\_\_  
\_\_\_\_\_ dollars.

Subscribed and sworn this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
Notary Public in and for Montgomery County, Ohio

STATE OF OHIO ss:  
MONTGOMERY COUNTY

I, \_\_\_\_\_ being first duly sworn, depose and say that I reside  
at \_\_\_\_\_ and am a freeholder in Montgomery

County, Ohio, and that I own property in my own name and right, the net worth of which, over  
and above all my debts, liabilities and obligations, including all amounts whereon I am a surety,  
and over and above all my property which is exempt by law from execution, is not less than

\_\_\_\_\_  
\_\_\_\_\_ dollars.

Subscribed and sworn this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Notary Public in and for Montgomery County, Ohio

**NONCOLLUSION AFFIDAVIT**

STATE OF \_\_\_\_\_

:SS

COUNTY OF \_\_\_\_\_

The undersigned bidder or agent, being duly sworn, on oath says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting, nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding in any way or manner whatever.

\_\_\_\_\_

\_\_\_\_\_

Bidder of Agent

For \_\_\_\_\_

Firm or Corporation

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

My Commission Expires

\_\_\_\_\_

\_\_\_\_\_



STATE OF OHIO:  
COUNTY OF \_\_\_\_\_:

To the Auditor of Montgomery County:

The affiant, \_\_\_\_\_  
(name of person, organization, or company)

located at \_\_\_\_\_  
(address)

After being duly sworn, states the following: The affiant, at the time the bid for:

\_\_\_\_\_ was submitted (check one)

- Was not charged with any delinquent personal property taxes on the general tax list of Montgomery County, Ohio
- Was charged with delinquent personal property taxes on the general tax list of Montgomery County, Ohio, in the principal amount of \$\_\_\_\_\_ with the sum of \$\_\_\_\_\_ added for due and unpaid penalties and interest

Further the affiant sayeth naught.

Sworn to and subscribed by \_\_\_\_\_  
(name of person, organization, or company)

this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_.

\_\_\_\_\_  
Signature of person or authorized  
representative of affiant

STATE OF OHIO:  
COUNTY OF \_\_\_\_\_:

Before me, a Notary Public, on this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_, personally  
Appeared \_\_\_\_\_

the affiant in the foregoing affidavit, who acknowledged the signing thereof to be \_\_\_\_\_  
voluntary act and deed.

In testimony whereof, I have hereto subscribed my name and affixed my seal on this day and  
year aforesaid.

\_\_\_\_\_  
Notary Public



**DISCLOSURE POLICY**

The Board of County Commissioners of Montgomery County, Ohio, has adopted a disclosure policy which requires persons or business contracting with the Board of County Commissioners of Montgomery County, Ohio, to disclose to the Board any business and/or family relationship which the contracting party has with any public official, or person employed by any public official in Montgomery County, Ohio. Immediate family relationships, for disclosure purposes, is defined as **spouse; children; parents** (natural and by law); and **siblings** (natural and by law). Disclosure of this information will not necessarily preclude the award of a contract to the undersigned. The undersigned party, in accordance with intent of Resolution No. 88-1279 agrees to disclose, to the best of its knowledge and ability, the following information.

**CORPORATION**

The identity of any county official, county employee, or member of a county official's or county employee's immediate family, who hold(s) a position of responsibility being defined as position having decision-making capacities including, but not limited to, a member of the board of directors, officer of the corporation, or trustee;

**PARTNERSHIP**

The identification of person(s) employed by the partnership and or the name(s) of any of the immediate family who is, or who are, also simultaneously employed by any public official of Montgomery County, Ohio, or public office or agency of Montgomery County, Ohio;

**CONSULTANT**

The identification of person(s) employed by the consultant and or name(s) of the consultant's immediate family who is, or who are, also simultaneously employed by any official of Montgomery County, Ohio, or public office or agency of Montgomery County, Ohio.

Should the undersigned party have knowledge or information concerning the above categories, the undersigned party is to submit this acknowledgment form with a detailed explanation of the names of the parties involved and the particular relationship. Please fill out the appropriate column below.

DOES NOT APPLY

DOES APPLY AND EXPLANATION ATTACHED

SIGNATURE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TITLE \_\_\_\_\_ TITLE \_\_\_\_\_

## **STATEMENT OF BIDDER'S QUALIFICATIONS**

(To be submitted by the bidders only upon the specific request of Montgomery County.)

All questions must be answered and the data given must be clear and comprehensive. This statement must be notarized. If necessary, questions may be answered on separate attached sheets. The bidder may submit any additional information he desires.

1. Name of bidder
2. Permanent main office address
3. When organized
4. If a corporation, where incorporated
5. How many years have you been engaged in construction under your present firm or trade name?
6. Contracts on hand: (Schedule these showing gross amount of each contract and the appropriate anticipated dates of completion.)
7. General character of work performed by you.
8. Have you ever failed to complete any work awarded to you? If so, where and why?
9. Have you ever defaulted on a contract? If so, where and why?
10. List the more important contracts recently completed by you, stating the approximate gross cost per each and the month and year completed.
11. List your major equipment available for this Contract.
12. Experience in construction work similar in importance to this project.
13. Background and experience of the principal members of your organization including the officers.
14. Give bank reference.
15. Will you, upon request, fill out a detailed financial statement and furnish any other information that may be required by Montgomery County, Ohio, and requested by the Director of the Public Works Department.