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To: Prospective Bidders  
From: Wold Architects and Engineers  
Date: March 4, 2016  
Comm. No: 133030

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Subject: **Addendum No. 5** for Bidding Documents for the: **Scott County Sheriff Patrol Headquarters**

**BIDS DUE MARCH 8, 2016 AT 2:00 P.M.**

**\*\*\*NOTE CHANGE OF BID DATE\*\*\***

This addendum forms a part of the Contract Documents dated February 8, 2016. Acknowledge receipt of this Addendum on the space provided on the Bid Form. Failure to do so may result in disqualification of Bid.

This Addendum consists of one (1) typed sheet and the following attachments:

Project Manual: 00 01 01 Project Identification Page, 00 11 13 Advertisement for Bids, 09 51 00 Acoustical Ceilings, 26 70 00 Empty Raceway for Low Voltage Systems

**PROJECT MANUAL**

**1. SECTION 00 01 01 – PROJECT IDENTIFICATION PAGE**

A. Reissued this Addendum.

**2. SECTION 00 11 13 – ADVERTISEMENT FOR BIDS**

A. Reissued this Addendum.

**3. SECTION 09 51 00 – ACOUSTICAL CEILINGS**

A. Reissued this Addendum.

**4. SECTION 23 21 14.33 – GROUND HEAT EXCHANGER FLUSHING, TESTING, AND FILLING**

A. This Section included for reference only, the County will hire a Flushing/Testing Services Agent directly to perform the services included herein. The Division 23 Contractor is responsible for all work indicated on the Drawings and in Section 23 21 14, including providing heat transfer solution for installation by the Flushing/Testing Services Agent.

**5. SECTION 26 70 00 – EMPTY RACEWAY FOR LOW VOLTAGE SYSTEMS**

A. Reissued this Addendum.

**END OF ADDENDUM #5**

Minnesota  
Illinois  
Michigan  
Colorado  
Iowa

designers and researchers for public environments

**SECTION 00 01 01**

**PROJECT IDENTIFICATION PAGE**

**PROJECT MANUAL**

PROJECT IDENTIFICATION

BIDDING REQUIREMENTS

CONDITIONS OF THE CONTRACT

GENERAL REQUIREMENTS

AND SPECIFICATIONS FOR:

**SCOTT COUNTY SHERIFF  
PATROL HEADQUARTERS**

**3206 SOUTH 16<sup>TH</sup> STREET  
ELDRIDGE, IOWA 52748**

SCOTT COUNTY  
DAVENPORT, IOWA 52801

Bid Time: ~~1:00 p.m.~~ 2:00p.m.

Bid Date: March 7 8, 2016

Bid Place: Scott County Conference Room 638  
600 West Fourth Street  
Davenport, Iowa 52801-1030

**SECTION 00 11 13  
ADVERTISEMENT FOR BIDS**

**SCOTT COUNTY SHERIFF  
PATROL HEADQUARTERS  
3206 SOUTH 16<sup>TH</sup> STREET  
ELDRIDGE, IOWA 52748**

Scott County will receive single prime sealed bids for Scott County Sheriff Patrol Headquarters until ~~4:00~~ **2:00** p.m. local time on March ~~7~~ **8**, 2016 at the Scott County Administrative Center Reception Desk, 6th floor. All bids received after the above stipulated closing time for receipt of bids will be returned to the bidder unopened. All bids received in accordance with these guidelines will be publicly opened and read aloud in Conference Room 638, 6th floor, 600 West Fourth Street, Davenport, Iowa 52801. Prospective Bidders are required prior to the bid opening, by the Owner to register as an online vendor with Public Purchase at [www.publicpurchase.com](http://www.publicpurchase.com). Registration is at no cost to the vendor, however Public Purchase has several levels of membership and vendors may choose to subscribe to plan that requires a subscription cost. Any cost that a vendor incurs for registration will be at their sole discretion and responsibility.

Bidding documents, including the Proposal Form, Drawings and Specifications, will be on file at the Offices of the Architect, Wold Architects and Engineers, 110 North Brockway, Suite 220, Palatine, Illinois, 60067 (847) 241-6100; at Dodge Data and Analytics (Online Plan Room) (513) 763-3632; CMD (Online Plan Room) (800) 794-2738; Illowa Builders Exchange (Plan Room in Rock Island) (309) 788-9260; Bid Tool (Online Plan Room) (512) 634-5991 and Master Builders of Iowa (Plan Room in Des Moines, IA) 1-800-362-2578.

This project includes: The construction of a new 21,000 SF single story stand alone administration building with vehicle storage garage. Work for this project includes earthwork, utilities, landscaping, fencing, asphalt paving, site and building concrete, precast concrete, masonry, structural steel, manufactured wall panels, carpentry, casework, water proofing, roofing, sealants, doors, frames, hardware, aluminum entrances and windows, gypsum wall systems, tile, carpet, resilient flooring, painting, wall covering, acoustical ceilings, plumbing, HVAC systems, fire protection systems, temperature control, security systems, and electrical systems.

American Reprographics Company (ARC), 8600 West Catalpa Avenue, Chicago, Illinois, 60656, phone (773) 693-8585 and fax (773) 693-8580, will provide complete electronic sets of the Bidding Documents to prospective bidders and subcontractors. Electronic documents are available for free download to Contractors at the ARC planwell - <http://www.e-arc.com/il/chicago/northlasalle>. Electronic Documents are available in the ARC planwell after site registration. The copies will be available about February 8, 2016. Hard copies printed by the Contractor from electronic downloads will be at the Contractor's expense. Printed hard copies can be made available from ARC for a refundable deposit check in the amount of \$150.00 made out to "Scott County" for each set ordered. The following information must accompany the deposit: Company name, mailing address, street address, phone number, email address and type of bidder (i.e. General, Mechanical or Electrical Subcontractor to General, or other). All prints will be delivered through UPS Ground. Refunds will be given upon return of the full set of documents within fourteen days after award of the project. Documents must be returned to ARC (American Reprographics Company) in a reusable condition or the deposit shall be forfeited.

Make proposals on the bid forms supplied in the Project Manual. No oral, telegraphic or telephonic proposals or modifications will be considered. Submit with each bid, a certified check or acceptable bidder's bond payable to Scott County in an amount equal to ten percent (10%) of the total bid. The successful bidder will be required to furnish satisfactory Labor and Material Payment Bond, and Performance Bond.

Bids may not be withdrawn within forty-five (45) days after the scheduled time of opening bids, without the consent of the Owner. The Owner reserves the right to accept any bid or to reject any or all bids, or parts of such bids, and waive informalities or irregularities in bidding.

The Owner requires Substantial Completion of the project on or before April 28, 2017.

Scott County reserves the right to reject any and / or all bids. Further, Scott County reserves the right to resolicit and/or re-bid this project at any time in the future.

Scott County

COUNTY BOARD

**SECTION 09 51 00**  
**ACOUSTICAL CEILINGS**

**PART 1: GENERAL**

**1.01 RELATED DOCUMENTS**

- A. Drawings, Details of Construction and general provisions of Contract, including General and Supplementary Conditions and Division-1 Specification Sections, apply to work specified in this section.

**1.02 SUMMARY**

- A. Section includes:
  - 1. Lay-in acoustic ceilings.
- B. Related work specified in other sections:
  - 1. Mechanical penetration of ceilings - Divisions 21-25.
  - 2. Electrical penetration of ceilings - Divisions 26-28.

**1.03 SUBMITTALS**

- A. Submit Shop Drawings indicating installation layouts in accordance with Section 01 33 00.
- B. Submit samples of all acoustical and suspension materials to Architect for approval.

**1.05 PRODUCT DELIVERY, STORAGE AND HANDLING**

- A. Deliver materials in original, unopened, protective packaging, with manufacturer's labels indicating brand name, pattern, size, thickness and fire rating as applicable, legible and intact.
- B. Store materials in original protective packaging to prevent soiling, physical damage or wetting.
- C. Store cartons open at each end to stabilize moisture content and temperature.
- D. Do not begin installation until sufficient materials to complete a room are received.

**1.06 ENVIRONMENTAL REQUIREMENTS**

- A. Complete installation of dampening materials before beginning work.
- B. Maintain humidity of 65% - 75% in area where acoustical materials are to be installed, 25 hours before, during, and after installation.
- C. Maintain a uniform temperature in the range of 55 F. to 70 F. prior to, during, and after installation of materials.

## **PART 2: PRODUCTS**

### **2.01 ACOUSTICAL MATERIALS**

A. Products specified are as follows:

1. Armstrong, [www.armstrong.com](http://www.armstrong.com)
2. USG, [www.usg.com](http://www.usg.com)
3. National Gypsum, [www.nationalgypsum.com](http://www.nationalgypsum.com)

B. ACT 1 *and* ACT 2: ~~Beveled Angled~~ tegular edge, ~~3/4" 5/8"~~ thick, sag and abuse resistant, anti-microbial, low VOC, lay-in tile. Provide 24" x 24" ~~or 24" x 48" tile~~ as shown on drawings.

1. Minimum NRC: ~~0.70~~ **0.65**
2. Minimum CAC: 35
3. Minimum LR: ~~0.86~~ **0.84**
4. Minimum Recycled Content: 26%
5. Texture: Fine
6. Armstrong "~~Cirrus Humigard~~" #301 or #302 "**Dune Fine Texture**" with **Humiguard #1774**
7. USG "~~Eclipse ClimaPlus~~" #5893 or #5894 "**Olympia Micro**" w/ **ClimaPlus SLT #4221**

C. Furnish extra materials equal to 1% of each type of acoustical material supplied. Provide materials in new, unopened cartons labeled as to contents.

### **2.02 SUSPENSION SYSTEMS**

A. Systems specified are by Chicago Metallic. Equivalent systems by USG or Armstrong are acceptable.

B. Suspension System for Non-Rated Lay-In Panels (except locations listed below): 200 Intermediate Duty Snap-Grid System, standard white finish.

C. Systems for use in kitchens, kitchen serving areas, toilets and locker rooms to be 1830 intermediate duty hot dipped galvanized capped with white aluminum capping.

D. Perimeter treatment components for all systems to be 0.020 inch thick hot dipped galvanized steel, 15/16" wide x 3/4" high. Edges to be hemmed. Finished identical to main runners and cross tees.

## **PART 3: EXECUTION**

### **3.01 CONDITION OF SURFACES**

A. Examine surfaces scheduled to receive suspended or directly attached acoustical units for unevenness, irregularities, and dampness that would affect quality and execution of work.

B. Mark access provisions as to size and location before beginning installation.

### **3.02 REQUIREMENTS FOR ALL MECHANICAL SUSPENSION SYSTEMS**

A. Grid layout in each space, area located symmetrically in room, space. Coordinate work with other trades so that lighting fixtures, grilles, other ceiling fixtures work to grid layout.

B. Do not use universal splices or other types whose use would obstruct passage of recessed lighting fixtures through grid openings, or make untenable their reposition upon flanges of beams.

C. Support suspension system from structure above, not from ductwork, equipment or piping.

- D. Space hangers not more than 6" from ends, not more than 4'-0" o.c. Between ends of main runners, provide extra hangers as required to support other work resting in or on ceiling.
- E. Provide additional tee supports, hangers and cut tiles to support and fit to all sides of light fixtures, linear diffusers and other ceiling penetrations. Coordinate with mechanical and electrical drawings.

### **3.03 ACOUSTICAL MATERIALS**

- A. Install ceiling panels and tiles using clean gloves, to avoid soiling materials.
- B. Install lay-in panels snugly against support system without damaging panels.
- C. Field rabbit edges of panels where field-cut to match shadow-line profile.
- D. Adjust any sags or twists which develop in the ceiling systems and replace any part which is damaged or faulty.
- E. Clean exposed surfaces of acoustical ceilings, including trim, edge moldings and suspension members; comply with manufacturer's instructions for cleaning and touch up of minor finish damage. Remove and replace work which cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.
- F. Replace any damaged tile just prior to substantial completion.

**END OF SECTION 09 51 00**

## SECTION 26 70 00

### EMPTY RACEWAY FOR LOW VOLTAGE SYSTEMS

#### PART 1: GENERAL

##### 1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

##### 1.02 SCOPE

- A. Work under this section includes the furnishing and installation of an empty raceway system including terminal boards, empty conduit, outlets and plates as specified herein and as shown on the drawings.
- B. Empty Raceway Systems: Provide empty raceway for the following low voltage systems provided by Owner or Owner's vendor:
  - 1. Telecommunications (voice and data)
  - 2. ~~Access Control (card readers)~~ ***Complete access control systems shall be the responsibility of this contractor, including card readers and glass break detectors, as indicated on Sheet E4.0 and in specification 28 13 00.***
  - 3. Security Cameras
    - a. ***Security cameras shall be the responsibility of this contractor, as indicated on Sheet E4.0 and in specification 28 23 00. Associated cabling, connections and programming is by others.***

##### 1.03 RELATED SECTIONS

- A. Section 260500 - General Requirements
- B. Section 260533 - Raceway and Boxes for Electrical Systems

##### 1.04 COORDINATION

- A. Systems as listed within this section are provide by Owner or Owner's vendor complete with devices, racks, head end equipment, and wiring/cables, unless otherwise indicated.
- B. Typical conduit sizes and box locations are shown on plans. Coordinate conduit and rough-in requirements and locations with Owner or Owner's vendor for each system prior to rough-in.
- C. Coordinate rough-in locations with casework, furniture, openings, door swing, other trades, etc.

#### PART 2: PRODUCTS

##### 2.01 ACCEPTABLE MANUFACTURERS

- A. Conduit - Refer to Section 26 05 33

##### 2.02 COMMUNICATIONS RACEWAY AND BOXES SYSTEMS

- A. Boxes:
  - 1. Outlet boxes shall be 4" square galvanized steel with single gang mud ring.



B. Raceway:

1. Conduit shall be minimum 1" or as sized on drawings.
  - a. Provide type EMT where concealed in walls and ceilings or exposed in unfinished spaces.
  - b. Provide surface raceway where exposed in finished spaces.
  - c. Provide PVC where buried in earth or in concrete.
2. Conduits shall be concealed wherever possible.

**2.03 GENERAL ITEMS**

A. Sleeves:

1. Provide all sleeves necessary for low voltage system installation.

B. Coverplates:

1. Systems outlets will be equipped with plates provided by the Owner's vendor. Equip all unactivated outlets with blank plates to match specified wiring device plates. Coordinate with Owner's vendor.

C. Backboards:

1. Systems backboards shall be commercial grade 3/4" thick plywood sized as shown on drawings and painted on front and edges with light gray flame retardant enamel.

**PART 3: EXECUTION**

**3.01 INSTALLATION**

A. Conduits:

1. Conduits shall be stubbed into the nearest accessible ceiling space. Where accessible ceiling space is not available to provide a cabling path to the point of termination, provide empty conduit or raceway as required or as indicated on plans.
2. Install a maximum of two 90-degree bends or the equivalent for each length of raceway unless Drawings indicate otherwise. Provide bushed ends on all raceway stub-ups.
3. Provide a pull string in each conduit. If conduit is not used during construction, secure each end within raceway system prior to installing the blank coverplate.

B. Sleeves:

1. All openings in firewalls and floors for low voltage cables shall be filled by this contractor with removable fire-retardant material unless openings are fireproofed by low voltage vendor prior to substantial completion of the project. Refer to Section 26 05 33.

- C. At least one quadruplex receptacle on a 120V 20A dedicated circuit shall be provided at each low voltage terminal board or cabinet, unless otherwise noted. Verify mounting heights and specific locations with Owner or Owner's vendors prior to installation.

**END OF SECTION 26 70 00**