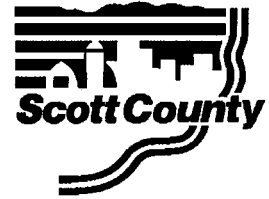


Facility & Support Services  
Purchasing Division  
600 West Fourth Street  
Davenport, Iowa 52801-1030



Ph: (563) 326-8793 Fax: (563) 328-3245  
Email: [purchasing@scottcountyiowa.com](mailto:purchasing@scottcountyiowa.com)

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RE: 18664 Telecommunications Cabling project

This is a clarification for the pre-bid meetings-There **are actually three pre-bid meeting** times and the correct time and dates are:

**Wednesday, August 4, 2010 at 9:00 a.m.**  
**Friday, August 6, 2010 at 10:30 a.m.**  
**Monday August 9, 2010 at 9:00 a.m.**

Thank-you,  
Barb Schloemer  
Facility and Support Services-Purchasing  
Scott County  
[purchasing@scottcountyiowa.com](mailto:purchasing@scottcountyiowa.com)

Scott County Facility and Support Services Department  
Purchasing Division  
600 West Fourth Street, Davenport, Iowa 52801-1030  
Phone: (563) 326-8793  
Fax: (563) 328-3245  
E-Mail: [purchasing@scottcountyiowa.com](mailto:purchasing@scottcountyiowa.com)

**REQUEST FOR QUOTATION**

**Scott County Requisition No. 18664**

**Bidders need to complete and submit this form.**

Submission Date: <b>8/12/2010</b>	No Later Than: <b>2:00pm</b>
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Qty	Description
	<b>TELECOMMUNICATIONS CABLING PROJECT FOR SECC</b>
	<b>(SCOTT EMERGENCY COMMUNICATION CENTER)</b>
	Scope of work attached
	<b>Delivery Included</b>
	price quotation good for 60 days
	From time to time it may be necessary to change or modify a request for purchase. If you have received this request from any other source other than direct fax or email from Scott County, it is your responsibility to check for updates and/or changes to the request. If you would like to receive automatic updates please register your company in our vendor data base by using our website, <a href="http://www.scottcountyiowa.com/fss/purchasing.php">www.scottcountyiowa.com/fss/purchasing.php</a>

Scott County reserves the right to accept the bid from the lowest responsible bidder.

Quote submitted by:

Released by:  
(Scott County Use Only)

\_\_\_\_\_  
Name

Date: 7/30/2010

Time: 4:00pm

\_\_\_\_\_  
Title

\_\_\_\_\_  
Company

**PLEASE NOTE:**

**Bidders must provide an estimated delivery date in their bid response!**

\_\_\_\_\_  
Date

Company Contact Information:	Phone:
	E-Mail:

“By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the State of Iowa.”

## Request For Bids

### Telecommunications Cabling

Scott Emergency Communication Center

Project #SCFSS10-0701

Scott County Facility and Support Services is requesting bids for telecommunications cabling for the Scott Emergency Communications Center Building, currently under construction. It is our intent to contract with a qualified, experienced cabling or telecommunications contractor to provide and install telecommunications premise cabling and terminations in all areas of the project. Interested contractors and vendors should submit bids for the project based on the following specifications as well as project drawings and specifications prepared by Wold Architects and Engineers.

#### **SUBMITTAL INSTRUCTIONS**

Interested bidders must submit a sealed bid according to the instructions herein. Bids should be placed in a sealed envelope marked as follows:

SEALED BID  
ATTN: PURCHASING DIVISION  
SECC Cabling Bid  
PROJECT #FSS10-0701  
600 West Fourth Street  
Davenport, IA 52801

Faxed bids of 15 pages or less will be accepted at 563-328-3245. Faxed bids must include the above information in the cover page and must be received in their entirety before the bid deadline. Scott County is not responsible for incomplete or non-received faxed bids. To receive confirmation of faxed bids please contact the purchasing division, Barb Schloemer at 563-326-8793.

**Bids must be received at the above address before 2:00 p.m. on August 12, 2010.** Bids received after that time will not receive consideration.

Questions about the bid or bid specifications should be directed to:

Dave Donovan  
[ddonovan@scottcountyiowa.com](mailto:ddonovan@scottcountyiowa.com)  
563.326.8228

-or-

Tammy Speidel  
[tspeidel@scottcountyiowa.com](mailto:tspeidel@scottcountyiowa.com)  
563.328.3241

Scott County reserves the right to reject any and/or all bids. Scott County reserves the right to accept the best bid, not necessarily the lowest bid. The decisions and interpretations of Scott County, its staff and the Scott Emergency Communications Center Board are final and are not subject to appeal.

### **PRE-BID MEETING**

Prospective bidders are encouraged to attend a pre-bid meeting to discuss the bidding requirements, plans and specifications and to inspect the project site. Dates for pre-bid / site walk through meetings are:

Wednesday, August 4, 2010 at 10:30 a.m.

Monday, August 9, 2010 at 9:00 a.m.

The pre-bid meetings will be held at the Scott County Sheriff's Patrol Headquarters, 4715 North Tremont Avenue, Davenport, IA 52807. A site inspection will immediately follow the meeting. Pre-bid attendees are encouraged to bring a hard hat/safety glasses and to be prepared to visit an active construction site.

Requests for site visits outside of the above times will be handled on a case by case basis. Individual site visits are discouraged. Scott County is not responsible for scheduling conflicts. Should a contractor require additional on-site time please contact Dave Donovan or Tammy Speidel. Scheduling of site visits outside of the above dates and times will be very limited.

### **PROJECT DOCUMENTS**

All bids must be based on the project documents along with site visit inspection and conditions. The project documents consist of bid specifications attached herein, cabling schedule, project drawings and any addenda issued for the project. Project drawings are the architectural and engineering drawings prepared by Wold Architects and Engineers and furniture drawings by Paragon Commercial Interiors.

The architectural drawing set consists of architectural and engineering drawings including pertinent electrical drawings showing termination locations and floor plans. Furniture layouts show the location of free standing and systems furniture. Architectural drawing sets and specifications are available from Scott County at the pre-bid conference or by contacting Tammy Speidel or Dave Donovan at:

Dave Donovan  
[ddonovan@scottcountyiowa.com](mailto:ddonovan@scottcountyiowa.com)  
563.326.8228

Tammy Speidel  
[tspeidel@scottcountyiowa.com](mailto:tspeidel@scottcountyiowa.com)  
563.328.3241

### **AWARD OF BID AND COMMENCEMENT OF WORK**

Award of bid shall occur on or about August 19, 2010. CONTRACTOR must be prepared to commence work on or about September 15, 2010. CONTRACTOR shall complete work on the project by December 6, 2010. Both the work commencement date and completion date are subject to coordination with the general contractor and the schedule of other construction work for the overall project.

### **BID SECURITY AND PERFORMANCE BOND**

Each bid must be accompanied by 5% Bid security either in the form of a Bid Bond or a certified cashier's check in the amount of 5% of the total proposal cost.

By submitting a proposal, the successful vendor agrees to provide a 100% Performance Bond to the OWNER within 10 working days from contract award and before work commences.

## **BID SPECIFICATIONS**

### **A. Scope of Work**

1. Install telecommunications cabling from each identified location (from SECC drawings (Wold) pages E3.1, the dispatch console furniture layout (Evans) and the office furniture layout (Paragon). Install telecommunications cabling to any additional locations identified at the pre-bid meetings and summarized in addenda) to the Data Center (Rm. A131). Route all cabling through common corridors, above finish ceiling except in rooms with access flooring or at in-floor termination locations. Route cabling using provided cable trays where possible. Verify routing with OWNER.
2. CONTRACTOR shall comply with all general provisions of the SECC project specifications including those included in Division 26 and Division 27 as provided in Specification Volume 2.
3. At each termination location denoted by a diamond telecom symbol or a denoted cabling junction box ("J" in a circle) install cabling through conduit and backing box provided by others. Route cabling from conduit sweeps to corridor. In the absence of provided cable tray, install "J" hooks or other cable tray product to carry cabling back to Data Center (see #1 above).
4. At each termination location, install and terminate four (4) cables unless indicated otherwise herein or in other project documents.
5. Where required, route telecommunications cabling through systems furniture (Rms. A103 and A140) and install termination in panel partition surface. Provide all parts and labor to completely install termination in systems furniture.
6. In the EOC Room (Rm. A109), route cabling through conduits and floor duct to in-floor backing boxes. Pathway for this installation is under floor through Dispatch Room (Rm. A136) and Training Room (Rm. A114). Provide 4 cables at each floor duct location (8 locations, 32 total cables).
7. In the EOC Room (Rm. A109), install 2 cables only to each wall location on north and south walls between grid lines "D" and "K". At all other locations in this room, install 4 cables.
8. In the Dispatch Room (Rm. 136), install 48 cables (24 color coded dark blue, 24 purple) to each dispatch console grouping of three (3) workstations. Terminate cables at each location into two (2) 24 port Panduit™ CPP24FMWBLY (one each denoted "blue" and "purple" – see termination locations, #14 below and see also cable color coding, #6 in Approved Wiring Devices) patch panels mounted into provided rack space (facing rearward) provided in the center console workstation. A total of six (6) 48 cable installations (288 cables total) are required for this room.
9. In the Dispatch Room (Rm. 136), install 16 cables (8 color coded dark blue, 8 purple) to one station location denoted as "supervisor". Terminate into one (1) 24 port Panduit™ CPP24FMWBLY patch panels mounted into rack space (facing rearward) provided in the workstation.
10. In the Training Room (Rm. 114), install 16 cables (8 color coded dark blue, 8 purple) to each dispatch console (4 locations – 64 cables total). Terminate cables at each location into one (1) 24 port Panduit™ CPP24FMWBLY patch panel mounted into rack space (facing forward) provided in the workstation.
11. Terminate each cabling run into quad or duplex termination devices as required. Mount termination devices into backing boxes. Install trim escutcheons to facilitate an aesthetic appearance.

12. Number and label each termination. Labeling convention shall be "room # - location count in room (1, 2, 3...) – jack at that location (A, B, C, D)". At Dispatch Center (Rm. A131) locations add one additional identifier to the sequence to indicate if the cable at that location is from group "A" (dark blue cable) or group "B" (purple cable).
13. Install "J" hooks with retainer clips as required to support all cabling above the ceiling. Provide support hooks, minimum of every 6 feet. Ensure that installation methods support and protect the integrity of the cable. Avoid tight radius bends and pinch points. Install cabling in accordance with manufacturer recommendations. Route cabling away from high voltage electrical sources to avoid interference. Coordinate above ceiling routing with owner and general contractors to avoid conflicts. Contractor shall verify ceiling clearances and existing and future ductwork, piping, etc. to avoid conflicts.
14. Install wire ties on all cable bundles in all corridor runs and in equipment rooms. Install ties minimum of one per six foot. In equipment room install wire ties on cable bundles minimum of one per 2 feet. Install all ties loose enough to move the tie on the bundle to avoid pinching cable. All wire ties shall be Velcro or equivalent, reusable type.
15. Route all installed cabling locations to Data Center (Rm. 131). In Data Center route cabling via under floor or overhead cable tray (by others) to one of two termination locations (see #14 below). At each termination location CONTRACTOR shall provide patch panels (Panduit™ CPPA24FMWBLY or CPPA48FMWBLY) in sufficient quantity to terminate all cabling.
16. Termination Locations in Data Center (R. 131) – there shall be two termination locations in the room (see Data Center Rack Diagrams). The first, consists of two connected racks (Dark Blue and Green "X") is near the front (south) of the room. The second location (Purple "X") is near the rear (north) of the room. One half of the cable count from each dispatch, training and supervisor location (all purple cables) shall terminate at the Purple X rack location. All other cables shall terminate in the Blue and Green X rack locations. Coordinate with Owner's IT representative for exact locations in each rack.

#### **B. Approved Wiring Devices and Products**

1. All cabling shall be Category 6 Panduit™ PUP6004BU-UY plenum rated cable or comparable General™ cable product (also plenum rated) installed to meet manufacturer and Cat 6 standards. Provide alternate bid pricing for Category 6A Panduit™ Matrix plenum rated cabling in lieu of Category 6 products.
2. Approved cabling manufacturers are Panduit and General as outlined above. No alternatives will be considered due to standardization from previous projects.
3. Cabling termination devices shall be Panduit™ Minicom products that have are certified for Cat 6 or Cat 6a (see alternate in #1 above) throughput and integrity.
4. Approved termination and connectivity device manufacturer is Panduit. No alternatives will be considered due to standardization from previous projects.
5. Provide owner with copies of manufacturer certification and compatibility to Cat 6 or Cat 6A standards and throughput.
6. Cabling color shall be as follows:
  - a) cables originating from the EOC and EMA offices (rms. #A103-A111) shall be green in color;
  - b) Cables originating from the Dispatch Room (#A136) and Training Room (#A116) shall be ½ purple, ½ dark blue (split equally at each workstation or workstation cluster).
  - c) Cables originating from all other locations shall be light blue.
7. Cables shall all be routed as specified herein to the Data Center (Rm #A131) and terminated in CONTRACTOR provided patch panels as outlined above in the scope of work.
8. All RJ45 modular jacks in each escutcheon shall be blue in color.

### **C. Data Center Rack Layout**

1. See attached sketch showing locations of termination racks in the Data Center (Rm. A131).
2. Termination Locations in Data Center (R. 131) – there shall be two termination locations in the room (see Data Center Rack Diagrams). The first, consists of two connected racks (Blue “X” and Green “X”) is near the front (south) of the room. The second location (Purple “X”) is near the rear (north) of the room. One half of the cable count from each dispatch, training and supervisor location (Rooms A131 and A116 - all purple cables) shall terminate at the Purple X rack location. All other cables from those locations (A131 and A116) shall terminate in the Blue and Green X rack locations. All cabling from all other locations in the building shall terminate at the Blue and Green X rack locations. Coordinate and verify rack destinations with Owner’s IT representative before commencing cable pulls and for exact locations in each rack.
3. CONTRACTOR will provide Panduit™ CPPA24FMWBLY or CPPA48FMWBLY termination patch panels in sufficient quantities and will terminate Cat 6 or 6A cable runs per specifications into said termination equipment. OWNER will provide jumpers from patch panels to OWNER PROVIDED network switch and/or telephone patch equipment.
4. CONTRACTOR will code all terminations on the face of the patch panel. CONTRACTOR will numerically indicate each termination in an orderly sequential arrangement. All labels shall be mechanically produced and installed in an orderly, neat fashion to facilitate future punch-down changes.
5. All cabling within the Data Center room shall be bundled with removable cable ties and routed directly to underfloor or overhead cable trays (provided by others) and cable routing pathways. All cabling shall enter the telecomm room above the door in CONTRACTOR provided sleeves or below the floor in conduits/sleeves provided by others. CONTRACTOR shall provide one spare 4” overhead sleeve into the room for future use. Firestop all sleeves after cabling is installed.

### **D. Termination Standards**

Contractor shall provide all products and equipment necessary to terminate all cabling using Panduit™ Minicom TG style jacks. All Cat 6 or Cat 6A cabling shall be terminated both ends using TIA 568B protocols. Verify those pinning protocols with the owner prior to commencing terminations.

### **E. Testing and Warranty**

1. CONTRACTOR shall test each cable run and each individual fiber for integrity and throughput to meet manufacturer’s specifications and to qualify for integrated component guarantees provided by approved system alliances. Any cable runs or fibers not meeting manufacturers specification ranges shall be replaced at CONTRACTOR expense. Deliver test and throughput documents to OWNER at conclusion of installation.
2. CONTRACTOR shall warrant cable system and fiber integrity and throughput for a period of one year from date of project acceptance.
3. CONTRACTOR shall provide testing and warranty documentation in suitable electronic formats (MSExcel, AutoCAD) as specified herein.

## **F. Project Access and Coordination**

1. Owner shall provide reasonable access to the jobsite to allow the CONTRACTOR to complete the work required. Normal business hours for the SECC construction site are Monday through Friday, 7:00 a.m. to 4:00 p.m. (Scott County recognized holidays excluded). Access outside of normal business hours may be limited and must be closely coordinated with the General Contractor, Larson and Larson construction.
2. CONTRACTOR shall coordinate all activities with the owner, the on-site general contractor and the electrical contractor.
3. CONTRACTOR must comply with all safety and site security requirements and should expect to work in an active construction site, with multiple trades competing and coordinating for access to portions of the building to complete their required work. If a dispute arises, the General Contractor shall mediate said dispute with the assistance of the OWNER.
4. If the CONTRACTOR requires on-site storage, it must be coordinated with the General Contractor. CONTRACTOR shall not expect to store quantities of materials within the building that would impede other project work. If storage is required for quantities of materials CONTRACTOR should plan to provide their own storage container or trailer and coordinate same with General Contractor.
5. Completion for SECC building is scheduled for December 6, 2010. CONTRACTOR shall schedule adequate resources to allow for the completion of all cable pulls and above ceiling work before November 12, 2010 to allow general contractor to complete ceiling tile installation. Between November 22 and December 10 all furniture will be installed. All wall jacks should be installed by that time. CONTRACTOR shall follow up and coordinate with the furniture install to insure all trim out into systems furniture is complete by December 10, 2010.

## **G. Installation Documentation – As-Builts**

1. CONTRACTOR shall provide to OWNER as built documentation for the telecommunications installation. Documentation shall include a spreadsheet showing all numeric terminations by floor, room and wall location (ex. North wall, middle west wall, in systems furniture cubicle 405G). Said spreadsheet shall be delivered in MSEXcel™ format.
2. CONTRACTOR will prepare an AutoCad™ drawing showing termination jack locations. Also note any cabling routing that deviates from the standards herein (in main corridors, entering above doors). OWNER shall provide CONTRACTOR with AutoCad™ base drawing showing wall and furniture locations.
3. CONTRACTOR shall provide testing and warranty documentation in suitable electronic formats (MSEXcel, AutoCAD) as specified herein.

## **INSURANCE REQUIREMENTS AND INDEMNIFICATION**

The Contractor shall have in force during the period of this contract, insurance as listed below:

**Bodily Injury and Property Damage Insurance:** The CONTRACTOR shall take out and maintain during the life of this contract, bodily injury and property damage liability insurance under a comprehensive general form and automobile injury and property damage insurance under a comprehensive general form.

The required limits of this insurance shall not be less than:

General Liability:



Personal Injury – each person	\$1,000,000
Personal Injury – each occurrence	\$1,000,000
Personal Injury – Aggregate	\$1,000,000
Personal Damage – each occurrence including Broadform Liability Extension	\$1,000,000

**Automobile Liability – Owner, Non-Owned and Hired  
Vehicles:**

Personal Injury – each person	\$1,000,000
Personal Injury – each occurrence	\$1,000,000
Personal Damage – each occurrence	\$1,000,000

The above insurance shall cover the contractor's employees, the public and Scott County employees while in the buildings and on the grounds of Scott County.

**Certificates of Insurance:**

The CONTRACTOR shall deliver to **Facility & Support Services, ATTN: Dave Donovan and Tammy Speidel, Scott County Administrative Center, 600 W. 4<sup>th</sup> St., Davenport, IA 52801**, certificates of insurance covering all above insurance in duplicate. Such certificates shall provide ten days prior to notice by registered mail of any material change in, or cancellation of this insurance. CONTRACTOR shall maintain this coverage on a standard CGL form for the benefit of Owner and the general public throughout the term of this agreement, and if a carrier or policy is changed, CONTRACTOR shall provide Owner with a replacement Certificate of Insurance.

**Additional Contractual Liability Insurance:**

The CONTRACTOR shall take out and maintain during the life of this contract, additional liability insurance as outlined below:

**Products and Completed Operations Liability Insurance:**

The CONTRACTOR shall also take out Products and Completed Operations Liability Insurance of limits not less than any of the above limits specified in these qualifications.

**Workmen's Compensation and Employer's Liability:**

The CONTRACTOR shall maintain during the life of this contract, the statutory workmen's compensation and employer's liability insurance for all employees to be engaged in the work under the contract. The amount of coverage for Employer's Liability Insurance shall not be less than One Million (\$1,000,000).

**INDEMNIFICATION**

To the fullest extent permitted by law, the CONTRACTOR shall indemnify and hold harmless the Owner and their agents and employees from and against all claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from the performance of the WORK, provided that any such claim damage, loss or expense (1) is attributed to bodily injury, sickness, disease or death or to injury to injury to or destruction of tangible property (other than the WORK itself) including the loss of use resulting therefrom, and (2) is caused in whole or in part by any negligent act or omission of the CONTRACTOR, and subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable,

regardless of whether or not it is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or otherwise reduce and otherwise exist as to any party or person described in this paragraph.

In any and all claims against the Owner or any of their agents or employees by any employee of the CONTRACTOR, any subcontractor, anyone directly or indirectly employed by any of them or anyone whose acts any of them may be liable, the indemnification obligation under this paragraph shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the CONTRACTOR or any subcontractor under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts.

Scott County reserves the right to reject any or all bids or proposals submitted without cause. Further Scott County reserves the right to re-bid or re-solicit for proposals for this project at any time in the future. By submitting a proposal or bid each CONTRACTOR acknowledges these rights and authorizes Scott County to exercise them should the situation warrant.