



**DEPARTMENT OF PURCHASING & CONTRACT COMPLIANCE**

**Winner 2000- 2012 Achievement of Excellence in Procurement Award  
National Purchasing Institute**

**Felicia Strong-Whitaker Interim Director**



**REQUEST FOR QUOTE NUMBER: 13RD88861B**

**WILL BE RECEIVED UNTIL 6/24/2013 at 2:00 P.M., EST.**

**DESCRIPTION: Structured Cabling for the Department of Information Technology**

Effective September 1, 2008, the Department of Purchasing & Contract Compliance will only accept responses to quotes electronically using our on-line Vendor Self Service system at [www.fultonvendoreselfservice.co.ga.us](http://www.fultonvendoreselfservice.co.ga.us). You must be a registered vendor in order to respond to quotes.

**ANY QUESTIONS REGARDING PURCHASING PROCEDURES OR THE SPECIFICATIONS SHOULD BE ADDRESSED ONLY TO THE PURCHASING CONTACT PERSON LISTED BELOW. BIDDERS MAY NOT HAVE CONTACT WITH COUNTY OFFICERS, ELECTED OFFICIALS OR COUNTY EMPLOYEES REGARDING THIS BID PRIOR TO AWARD OF PURCHASE ORDER. VIOLATION OF THIS INSTRUCTION WILL RESULT IN YOUR BID BEING FOUND NON-RESPONSIVE.**

<b>CONTACT NAME</b> Rodney E. Dority	<b>E-Mail Address :</b> Rodney.dority@fultoncountyga.gov	<b>Telephone Number:</b> (404) 893-1734
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All information requested on this sheet must be completed. Unless specifications indicate "NO SUBSTITUTE", items determined by Fulton County to be "EQUAL OR BETTER" will be given full consideration. All prices QUOTED must be "FOB DELIVERED" unless otherwise requested, and must be submitted in the format requested. The County reserves the right to cancel the solicitation and to reject any or all quotes in whole or in part and is not bound to accept any quote if rejection of that quote is determined to be contrary to the best interest of the County.

**REQUEST FOR QUOTE 13RD88861B**  
**6/24/2013 at 2:00 p.m. EST**

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**REQUEST FOR QUOTE**  
**GENERAL TERMS AND CONDITIONS**

The following provisions are hereby made a part of this Request for Quote. Any contract or purchase order awarded as the result of this request shall be governed by these General Terms and Conditions. By submission of your responses to this quote, vendor agrees to furnish the product(s) and/or service(s) pursuant to these conditions.

1. **GENERAL.** These provisions are standard for all County contracts. The County may delete or modify any of these standard provisions for a particular contract or purchase order by indicating a change in the special instructions or provisions. **Any vendor accepting a purchase order award as the result of this request agrees that the provisions included within this Request for Quote shall prevail over any conflicting provision within any standard form contract of the vendor.**
2. **SUBMISSION OF RESPONSES.** Responses must be submitted for quotes on-line via the Vendor Self Service system at <https://fultonvendorselfservice.co.fulton.ga.us/webapp/VSSPROD/Advantage>. Response to quotes must be received no later than 2:00 p.m. on the date indicated.
3. **AMENDMENTS TO THE REQUEST FOR QUOTE.** Any amendment to pricing is valid only if in writing and issued by the County.
4. **NON-COLLUSION.** Bidder certifies that this bid is made without prior understanding, agreement or connection with any other corporation, firm or person submitting a bid for the same work, labor or service to be done or the supplies, materials or equipment to be furnished and is in all respects fair and without collusion or fraud. Bidder further understands collusive bidding is a violation of state and federal law and can result in fines, prison sentences and civil damage awards. Bidder agrees to abide by all conditions of this bid and certifies that person signing is authorized to sign this bid or proposal for the bidder.
5. **CONFLICT OF INTEREST.** Vendor states that no County officer or employee, nor any business entity in which they have an interest: a) Has an interest in the contract awarded; b) Has been employed or retained to solicit or aid in the procuring of the resulting contract; c) Will be employed in the performance of such contract without immediate disclosure of such fact to the County.
6. **BASIS OF AWARD.** The County shall award to the overall lowest responsible and responsive vendor complying with the provisions of the Request for Quote. The following criteria may be considered by the County in selecting the most advantageous quote: a) Ability to perform the service required within the specified time; b) Conformance to specification; c) The quality of performance in previous contracts; d) Financial ability to perform the contract; e) Item pricing; f) vendor references. The County reserves the right to cancel the solicitation and to reject any or all quotes in whole or in part and is not bound to accept any quote if rejection of that quote is determined to be contrary to the best interest of the County.
7. **SAMPLES.** Samples of items when required, must be furnished free of expense to the County and upon request, be returned to the Vendor at the Vendor's expense. Samples of selected items may be retained for comparison purposes.
8. **NEW.** All items bid must be new. Used, rebuilt and refurbished items will not be considered unless specifically authorized by Fulton County in the written specifications.
9. **BRAND NAME SPECIFICATIONS AND APPROVED EQUIVALENTS.** Unless otherwise specified, manufacturer's names, trade names, brand names, information and/or catalog numbers listed in the specifications are intended only to identify the quality and characteristics desired. They are not intended to limit competition. The Vendor may offer any equivalent product which meets or exceeds the specifications. If quotations are based on equivalent products, the quote must: a) Indicate the alternate manufacturer's name and catalog number; b) Include complete descriptive literature and/or specifications; c) Include proof that the proposed equivalent will meet the specifications. The County reserves the right to be the sole judge of what is equal and acceptable to meet its needs in all respects. If Bidder fails to name a substitute, goods identical to the published standard must be furnished.
10. **INDEMNIFICATION.** Contractor/Vendor hereby agrees to release, indemnify, defend and hold harmless the County, its Commissioners, officers, employees, subcontractors, successors, assigns and agents from and against any and all losses (including death), claims, damages, liabilities, costs and expenses (including but not limited to all actions, proceedings, or investigations in respect thereof and any outcome of any such action, proceeding, or investigation), caused by, relating to, based upon or arising out of any act or omission by contractor, its directors, officers, employees, subcontractors, successors, assigns or agents, or otherwise in connection with its acceptance, of the performance, or nonperformance, of its obligations under this agreements.

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11. **TAXES.** Fulton County is exempt from the State of Georgia sales tax and exemption certificate will be furnished upon request.
12. **DELIVERY.** All prices must be FOB Destination, unloaded inside and assembled unless otherwise indicated.
13. **RIGHTS AND REMEDIES OF COUNTY FOR DEFAULT.** If any item furnished by the Vendor fails to conform to specifications, or to the sample submitted by the Vendor, the County may reject it. Upon rejection, the Vendor must promptly reclaim and remove such item without expense to the County, and shall immediately replace all such rejected items with others conforming to such specification and samples. If the Vendor fails to do so, the County has the right to purchase in the open market a corresponding quantity of any such items and to deduct from any monies due the Vendor the difference between the prices named in the purchase order and the actual cost to the County. If the Vendor fails to make prompt delivery of any item, the County has the right to purchase such item in the open market and to deduct from any monies due the Vendor the difference between the prices named in the purchase order and the actual replacement cost to the County. The rights and remedies of the County identified above are in addition to any other rights and remedies provided by law or under the purchase order.
14. **INVOICES AND PAYMENT TERMS.** Invoices are to be mailed to the County department specified on the resulting purchase order or master agreement. All invoices must include the purchase order number or master agreement number. Failure to comply may result in delayed payments. The County payment terms are Net 30 days unless a cash discount is allowed for payment within not less than twenty (20) days. The payment term shall begin on the date the merchandise is inspected, delivered and accepted by the County and the correct invoice is received in the office specified on the purchase order.
15. **LEGAL REQUIREMENTS.** Federal, State, County and local ordinances, rules and regulations, and policies shall govern development, submittal and evaluation of quote and disputes about quotes. Lack of knowledge by any Vendor about applicable law is not a defense.
16. **ASSIGNMENT.** Any purchase order awarded shall not be assignable by the Vendor without the express written approval of the County, and shall not become an asset in any bankruptcy, receivership or guardianship proceedings.
17. **REJECTION OF BID.** Bids may be considered irregular and may be rejected if they show omissions, alternations of form, additions not called for, conditions, limitations, unauthorized alternate bids or other irregularities of any kind. The County reserves the right to waive minor technicalities or irregularities of bid.
18. **TERMINATION.** In the event any of the provisions of the purchase order are violated, the County may serve written notice of its intention to terminate the purchase order. Such notice will state the reason(s) for such intention, and unless within ten (10) days after serving notice upon the contractor, such violation has ceased and satisfactory arrangements for correction made, the purchase order shall, upon expiration of ten (10) days, be terminated. Further, the County reserves the right to terminate for its convenience any purchase order in whole or in part upon giving thirty (30) days prior written notice to the other party.
19. **DEBARMENT.** If a Bidder is presently debarred, suspended, proposed for debarment, declared ineligible, or otherwise excluded from doing business with any government agency which prohibits your firm from participating in any procurement, the Bidder must provide the County with that information as part of its response to this solicitation. Failure to fully and truthfully provide the information required, may result in the disqualification of your bid from consideration or termination of the purchase order, once awarded.
20. **RIGHT TO PROTEST.** Any actual or prospective Bidder who is aggrieved in connection with a solicitation or award of a contract/purchase order must submit its protest in writing to the Director of Purchasing & Contract Compliance, 130 Peachtree St. S.W., Suite 1168, Atlanta, GA 30303. A protest must be submitted to the Director of Purchasing & Contract Compliance in writing within 14 days after such aggrieved entity knows or should have known of the solicitation, the award of contract/purchase order to another or other acts giving rise to a protest. An oral protest or a protest to an official, employee, user department, or other person apart from the Director of Purchasing does not comply with Fulton County Code Section 2-324 and does not toll the protest time period.

**REQUEST FOR QUOTE SPECIFICATIONS**  
**Quote Number: 13RD88861B**  
**Opening Date: 6/24/2013 at 2:00 p.m. EST**

**Structured Cabling**  
**Department of Information Technology**

**1. DESCRIPTION**

Fulton County Department of Purchasing & Contract Compliance is soliciting quotes from qualified vendors to provide Structured Cabling for the Department of Information Technology.

**2. CONTACT PERSON**

Please contact Rodney E. Dority, Procurement Officer at (404) 893-1734 or by e-mail [rodney.dority@fultoncountyga.gov](mailto:rodney.dority@fultoncountyga.gov) with any procedural or technical questions. All questions should be submitted in writing to the Purchasing contact person. Any responses made by the County will be provided in writing to all Bidders by addendum. No verbal responses shall be authoritative.

You must be registered in the County's AMS System in order for the Department of Purchasing & Contract Compliance to issue your company a Purchase Order or to receive payments. If you are not a registered vendor you may access and complete the vendor application via the County's Vendor Registration website ([www.fultonvendorselfservice.co.fulton.ga.us](http://www.fultonvendorselfservice.co.fulton.ga.us)). You must provide a copy of your current Business License in order to complete the vendor registration process.

If your company is a registered vendor, you can respond to all quotes online and in real time on this website.

**3. PRODUCT/SERVICE SPECIFICATIONS**

General:

This request for quote (RFQ) is for the purpose of selecting a qualified vendor to meet a portion of the County's requirements for structured cabling products and services. These products and services will be provided on as/when needed basis for a period which will not extend beyond 12/31/2013 with the total County expenditure being less than \$50,000.00.

The required products and services include installation and maintenance of structured cabling as well as associated materials, equipment, and services to support the cabling and its operability. The installations will include both copper and fiber. Cabling services may include, but are not limited to, installation, termination, and validation of wiring for new systems, repair and modifications to existing wiring systems, and installation and/or maintenance of any related ancillary materials, accessories, or equipment. Cabling services also include any necessary modifications to building walls, ceilings, floors, or other structures which are required in order to complete an installation. Cable drop additions, moves, and changes are commonplace. All services must be performed with a high degree of quality in workmanship and physical appearance. Any facility or structure which is disturbed or modified by the vendor must be returned by the vendor to original or better condition.

Fulton County operates a number of facilities located throughout the County which require cabling infrastructure to facilitate connectivity for voice and data services. The County has standardized on various

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components and products to obtain and maintain a consistency in its infrastructure. Leviton is the County's standard for structured cabling components and products.

Products and services will be provided by the selected vendor, on demand, as determined necessary by Fulton County. Selection does not guarantee that the County will utilize the selected vendor(s) products and services exclusively.

Vendor selection will be based upon the lowest priced response which meets all of the criteria and qualifications stated within this RFQ.

1. Vendor Qualifications:

1a. Vendor shall have a minimum of five (5) years of verifiable experience in all aspects of design, installation, and testing of the products described herein. The Vendor shall own and maintain tools and equipment necessary for successful installation, testing, and certification of Category 5, 5e, and 6 premise distribution systems as well as inter-building and intra-building fiber optic distribution systems. Vendor provided personnel must be adequately trained in the use of such tools and equipment.

1b. Vendor shall hold a valid Low Voltage Telecommunications or Low Voltage Unrestricted license issued by the State of Georgia or by a state with reciprocity with Georgia and listed as such. A copy of the described Low Voltage Telecommunications or Low Voltage Unrestricted license must be immediately provided to Fulton County upon request.

1c. Leviton being the County's primary standard for structured cabling components, the vendor must be certified as a Leviton Authorized Network Installer through Leviton's Certified Contractor Program. Proof of valid Leviton Authorized Network Installer Certification must be immediately provided to Fulton County upon request.

1de. With Fulton County undertaking MDF and IDF closet remediation on a regular basis it is required that the bidder possesses a valid Georgia Unrestricted Electrical License to perform electrical work in conjunction with the cabling work. Bidder shall hold a current Electrical Unrestricted license issued by the State of Georgia or by a state with reciprocity with Georgia and listed as such. Alternately, the vendor may use a subcontractor for electrical work requiring the aforementioned Electrical Unrestricted License provided that the bidder submits the electrical sub-contractor's name, address, licensee's name, issuing state, and the unrestricted electrical license number. In either case, a copy of the described Electrical Unrestricted License must be immediately provided to Fulton County upon request.

2. Cabling Requirements:

2a. Hardware

Required hardware includes, but is not limited to, termination blocks or patch panel, cable, fiber, fastening devices, cable management devices, face plate (including that required for wall mounted equipment), data outlets, telecommunications outlets, patch cords and all required accessories to comply with this specification.

2b. Grounding and bonding

All grounding and bonding shall meet the National Electrical Code (NEC®) as well as local codes, which may specify additional grounding and/or bonding requirements. Local codes may or may not be more restrictive; at all times the more restrictive codes shall apply and be adhered to. Minimum 6 AWG [4.1 mm (0.16 in)] insulated copper bonding conductors (part of the Telecommunications Bonding Backbone [TBB]) are installed through every major telecommunications pathway (backbone pathway) and directly bonded to a

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Telecommunications Grounding Bus bar (TGB) in each telecommunications equipment location. According to ANSI/TIA/EIA-607, consideration should be given to sizing conductors as large as 3/0 AWG [10 mm (0.39 in)].

#### 2c. Cable

All communications cabling used throughout this contract shall comply with the requirements as outlined in the National Electric Code (NEC®) Articles 725, 760, 770, and 800 and the appropriate local codes. All cabling shall bear CMP (Plenum Rated), CM/CMR (Riser Rated) and/or appropriate markings for the environment in which it is installed.

#### 2e. Cable Pathway

In suspended ceiling and raised floor areas where duct, cable trays or conduit are not available, the Vendor shall bundle, in bundles of 50 or less, station wiring with plastic cable ties snug, but not deforming the cable geometry. The cable bundling shall be supported via "J", hooks attached to the existing building structure and framework at a maximum of five (5) foot intervals. Plenum rated cable will be used in all areas. The Vendor shall adhere to the manufacturers' requirements for bending radius and pulling tension of all data and telecommunications cables.

#### 2f. Fire Stopping

Sealing of openings between floors, through rated fire and smoke walls, existing or created by the Vendor for cable pass through, shall be the responsibility of the Vendor. Sealing material and application of this material shall be accomplished in such a manner which is acceptable to the local fire and building authorities having jurisdiction over this work. Creation of such openings as are necessary for cable passage between locations as shown on the drawings will be the responsibility of the Vendor. Any openings created by or for the Vendor and left unused shall also be sealed as part of this work.

### 3. Fiber Communications Circuits:

3a. Fiber Communications TC locations shall be equipped with patch panels for termination of fiber optic cable strands.

3b. All fibers will be run in inner-duct and terminated in the TC's with ST, SC, or LC type connectors in rack mounted fiber distribution shelves equipped or cabinets with sufficient panels, couplers and jumper storage shelves to terminate and secure all fibers.

3c. One (12-Strand, 62.5/125, 50/125 MM) fiber cable (1000 ft length), sufficient connectors, and couplers. To support and protect fiber install in plenum rated 1" inner-duct.

3d. All fiber patch panels shall be securely fastened to the equipment racks.

3e. Vendor shall provide all required cable management, D-rings, or other approved guides as required to make a neat installation.

3f. All optical fiber cables shall be 100% tested with an optical power meter and light source for attenuation and length. The length shall be recorded using an OTDR, optical length test measurement device or sequential cable measurement markings.

3g. Attenuation shall be tested at 850 nm and at 1300 nm for multimode fiber cable. Each strand shall not exceed a level of: 3.5 db/km of attenuation for 850 nm 1.5 db/km of attenuation for 1300 nm.

3h. Each strand test results shall be turned over to the County, with the following information required:

Test from point to point  
Fiber I.D. label number  
Fiber length  
RX level  
Attenuation total  
db/km of attenuation for 850 nm  
db/km of attenuation for 1300 nm  
Wave length  
Reference level

#### 4. Workmanship

Components of structured cable systems (SCS) shall be installed in a neat, workmanlike manner. Wiring color codes shall be strictly observed and terminations shall be uniform throughout the system. Identification markings and systems shall be uniform. TIA/EIA 568A5 wiring codes shall standardize all SCS wiring. Any work must be performed in compliance with all federal, state, and local building and electrical codes.

#### 5. Installations

##### 5a. General

All installations shall be done in conformance with EIA/TIA 568A standards. The Vendor shall ensure that the maximum pulling tensions of the specified distribution cables are not exceeded and cable bends maintain the proper radius during the placement of the facilities. Failure to follow the appropriate guidelines will require the Vendor to provide, in a timely fashion, the additional material and labor necessary to properly rectify the situation. This will also apply to any and all damages sustained to the cables by the Vendor during the installation.

##### 5b. Bonding and Grounding

The Vendor shall be responsible for providing an approved ground at all newly installed distribution frames, and/or insuring proper bonding to any existing facilities. The Vendor shall also be responsible for ensuring ground continuity by properly bonding all appropriate cabling, closures, cabinets, service boxes, and framework. All grounds shall consist of #6 AWG copper wire and shall be supplied from an approved building ground and bonded to the main electrical ground. Grounding shall be in accordance with the NEC, NFPA and all local codes and practices.

##### 5c. Power Separation

The Vendor shall not place any distribution cabling alongside power lines, or share the same conduit, channel or sleeve with electrical apparatus.

##### 5d. Miscellaneous Materials

The Vendor shall provide any necessary tie wraps, straps, clamps, mounting screws, anchors, D-rings, J hooks, wire surface mount molding (MC/MDF & TC/IDF locations), labels, miscellaneous grounding and support hardware, etc., necessary to facilitate the installation of the System, and labor to install horizontal and patch cables, dress, test, certify, and label these completed cable drops. This includes cable management (i.e. routing and dressing of cables) on the port side as well as the punch down side of the patch panel and/or punch down block (110).

##### 5e. Special Equipment and Tools

It shall be the responsibility of the Vendor to furnish any special installation equipment or tools necessary to properly complete the System. This may include, but is not limited to, tools for terminating cables, testing devices, ladders, lifts, splicing equipment, etc.

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**5f. Labeling**

The Vendor shall be responsible for printed labels for all cables and cords, distribution frames, and outlet locations, according to the County's specifications. No labels are to be written by hand. The standard labeling method that shall be enforced is as follows: Building ID, Floor, Closet, Voice/Data, Line or Cable Drop Number (Example for 395 Pryor Street, Third floor(3), South closet, Voice line, cable drop number 122; 395-3-S-V-122).

**5g. Cable Storage**

The Vendor shall not roll or store cable reels without an appropriate underlay and the prior approval of the County or its General Contractor.

**6. Penetrations of Walls, Floors, and Ceilings****6a. Creating Penetrations**

The Vendor shall make no penetration of floors, walls or ceiling without the prior consent of the County. When requested, the vendor will create penetrations through fire-rated, acoustical or other walls for cableways such penetrations shall be sleeved and sealed, by the Vendor, in compliance with applicable code requirements and as directed by the County. This could/would include X-ray of floor or wall.

**6b. Penetration Utilization and Requirements: Non Fire-Rated**

Where penetrations through acoustical walls or other walls for cableways have been provided for the Vendor, such penetrations shall be sealed by the Vendor in compliance with applicable code requirements and as directed by the County.

**6c. Penetration Utilization and Requirements: Fire-Rated**

Where penetrations through fire-rated walls for cableways have been provided for the Vendor, such penetrations shall be sealed by the Vendor as required by code and as directed by the County.

**7. Testing**

Testing of all copper wiring shall be performed prior to system cut over. 100 percent of the horizontal and riser wiring pairs shall be tested for opens, shorts, polarity reversals, transposition and presence of AC voltage. Telecommunications and data horizontal wiring pairs shall be tested from the information outlet (jack) to the TC. Category 5e cable runs shall be tested for conformance to the specifications of EIA/TIA 568A5 Category 5e. Category 6 cable runs shall be tested for conformance to the specifications of EIA/TIA 568A5 Category 6. Testing shall be done with a TIA/EIA TSB-67/95 UL Certified Level 2 test set. Test shall include length, mutual capacitance, characteristic impedance, attenuation, and near-end and far end crosstalk. Any pairs not meeting the requirements of the standard shall be brought into compliance by the Vendor at no charge to the County. Complete, end to end test results shall be submitted to the County prior to payment for the installation.

**8. Completion of Work and Service Levels****8a. Site**

At the completion of the Work, the Vendor shall restore to its former condition, all aspects of the project site, and shall remove all waste and excess materials, rubbish, debris, tools and equipment resulting from or used in the services provided under this Contract. All clean-up, restoration, and removal noted above will be by the Vendor and at no additional cost to the County. If the Vendor fails in its duties under this paragraph, the County may, upon notice to the Vendor, perform the necessary clean up and deduct the costs thereof from any amounts due or to become due to the Vendor. The County is not responsible for any materials or equipment left on County property.

**8b. Work Order Response Times**

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Work Orders shall be completed in a timely manner. The County requires a 4-hour turn around on emergency jobs and a maximum of 2 work days for completion of standard orders. Vendor shall have the ability to make multiple service calls during an emergency. This would consist of at least five (5) technicians working at separate locations within the County limits at any given time.

9. Vendor Responsibility for Site Damage

The Vendor will be responsible for damage to any surfaces or other items damaged, or work disrupted as a result of his/her work. Repair of surfaces, including painting, will be included as necessary. All effected structures and/or work areas shall be restored by the vendor to original or better condition.

10. Job Completion & Invoicing

The vendor shall provide notification to designated Fulton County personnel when the work request is complete and provide a final invoice. This final invoice is to include all approved change orders. The vendor shall reference the assigned Fulton County tracking number, site name and location of work. All invoices shall be broken down by billable line item.

4. PRICING SHEETS

Reference Number	Item Description	Quantity	Amount Each	Total Amount
	* Note: The quantities shown for referenced items #1, #2, and #3 must be assumed to be individually separate jobs, not necessarily performed at the same facility nor on the same date.			
#1	Cat 6 Horizontal Cable (single drop, single pull) Installed Category 6 Horizontal Cable: Including specified cable (250ft length), Cat6 RJ45 outlets, faceplates, miscellaneous materials, specified termination materials to terminate each end, one category 6 5-ft patch cord, and one category 6 14-ft patch cord. Plenum cable. Cost includes all materials, labor, and transportation.	100	\$	\$
#2	Cat 6 Horizontal Cable (double drop, single pull) Installed Category 6 Horizontal Cable: Including specified cable (250ft length), Cat6 RJ45 outlets, faceplates, miscellaneous materials, specified termination materials to terminate each end, Two category 6 5-ft patch cords, and one category 6 14-ft patch cords. Plenum cable. Cost includes all materials, labor, and transportation.	20	\$	\$
#3	Cat 6 Horizontal Cable (triple drop, single pull) Installed Category 6 Horizontal Cable: Including specified cable (250ft length), Cat6 RJ45 outlets, faceplates, miscellaneous materials, specified termination materials to terminate each end, Three category 6 5-ft patch	10	\$	\$

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	cords, and three category 6 14-ft patch cords. Plenum cable. Cost includes all materials, labor, and transportation.			
#4	One (12-Strand, 50/125 MM) OM2 fiber cable (1000 ft. length/inner-duct, installed): Secure all plenum fiber ONFP and 1” plenum inner-duct. All fibers will be run in inner-duct and terminated in the TC's with ST, SC, LC type connectors in rack mounted shelves equipped with sufficient panels, couplers and jumper storage shelves to terminate and secure all fibers. Cost includes all materials, labor, and transportation.	1	\$	\$
#5	Set of replacement batteries (new) installed within an APC SmartUPS unit, model #SUA2200RMXL3U. Cost includes all materials, labor, and transportation	1	\$	\$
#6	Daily rate per person for COPPER TECHNICIAN (8 hour day) including vehicle, tools, etc. during regular hours (m-f; 8-5)	Per Day (8 Hrs)	\$	\$
#7	Daily rate per person for FIBER TECHNICIAN (8 hour day) including vehicle, tools, etc. during regular hours (m-f; 8-5)	Per Day (8 Hrs)	\$	\$
	<b>TOTAL BID AMOUNT (1-7 ABOVE)</b>	_____	_____	\$

**5. SPECIAL CONDITIONS/INSTRUCTIONS**

Deliver to: Mr. Derek McKay  
 Department of Information Technology  
 Fulton County Government Center  
 141 Pryor Street, S.W., Suite G-038  
 Atlanta, Georgia 30303

**6. INSURANCE & RISK MANAGEMENT PROVISIONS**