



Lexington-Fayette Urban County Government

Lexington, Kentucky
Horse Capital of the World

Division of Central Purchasing

Date of Issue: January 12, 2017

INVITATION TO BID #4-2017 Fiber Optic Cable & Control Equipment

Bid Opening Date: January 26, 2017

Bid Opening Time: 2:00 PM

Address: 200 East Main Street, 3rd Floor, Room 338, Lexington, Kentucky 40507

Type of Bid: Price Contract

Pre Bid Meeting: N/A

Pre Bid Time: N/A

Address: N/A

Sealed bids will be received in the office of the Division of Central Purchasing, 200 East Main Street, Lexington, Kentucky, until **2:00 PM**, prevailing local time on **1/26/2017**. Bids must be received by the above-mentioned date and time. Mailed bids should be sent to:

**Division of Central Purchasing
200 East Main Street, Room 338
Lexington, KY 40507, (859) 258-3320**

The Lexington-Fayette Urban County Government assumes no responsibility for bids that are not addressed and delivered as indicated above. **Bids that are not delivered to the Division of Central Purchasing by the stated time and date will be rejected.** All bids must be signed and have the company name and address, bid invitation number, and the name of the bid on the outside of the envelope.

Bids are to include all shipping costs to the point of delivery located at: 1515 Old Frankfort Pike, Lexington KY

Bid Security Required: Yes No *Cashier Check, Certified Check, Bid Bond (Personal checks and company checks will not be acceptable).*

Performance Bond Required: Yes No

<input checked="" type="checkbox"/> Bid Specifications Met	Check One: ____ Exceptions to Bid Specifications. <i>Exceptions shall be itemized and attached to bid proposal submitted.</i>	Proposed Delivery: <u>21</u> days after acceptance of bid.
Procurement Card Usage —The Lexington-Fayette Urban County Government may be using Procurement Cards to purchase goods and services and also to make payments. Will you accept Procurement Cards? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Submitted by: REXEL Inc.

Firm Name

1693 Jaggie Fox

Address

Lexington, Ky 40511

City, State & Zip

Bid must be signed:
(original signature)

Robert J. Mahle

Signature of Authorized Company Representative – Title

Robert J. Mahle

Representative's Name (Typed or printed)

859-293-2611

Area Code - Phone - Extension Fax #

Robert.mahle@rexel.usa.com

E-Mail Address

The Affidavit in this bid must be completed before your firm can be considered for award of this contract.

AFFIDAVIT

Comes the Affiant, Robert Mahle, and after being first duly sworn under penalty of perjury as follows:

1. His/her name is Robert Mahle and he/she is the individual submitting the bid or is the authorized representative of Rexel Inc. the entity submitting the bid (hereinafter referred to as "Bidder")
2. Bidder will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the bid is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.
3. Bidder will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.
4. Bidder has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.
5. Bidder has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Bidder will not violate any provision of the campaign finance laws of the Commonwealth.
6. Bidder has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."
7. Bidder acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

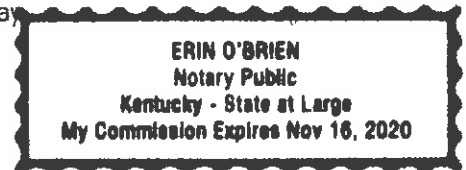
Further, Affiant sayeth naught: _____

STATE OF Kentucky

COUNTY OF Fayette

The foregoing instrument was subscribed, sworn to and acknowledged before me by Robert Mahle on this the 26th day of January, 2017.

My Commission expires: 11/16/20



Erin O'Brien
NOTARY PUBLIC, STATE AT LARGE

Please refer to Section II. Bid Conditions, Item "U" prior to completing this form.

I. GREEN PROCUREMENT

A. ENERGY

The Lexington-Fayette Urban County Government is committed to protecting our environment and being fiscally responsible to our citizens.

The Lexington-Fayette Urban County Government mandates the use of Energy Star compliant products if they are available in the marketplace (go to www.Energystar.gov). If these products are available, but not submitted in your pricing, your bid will be rejected as non-compliant.

ENERGY STAR is a government program that offers businesses and consumers energy-efficient solutions, making it easy to save money while protecting the environment for future generations.

Key Benefits

These products use 25 to 50% less energy
Reduced energy costs without compromising quality or performance
Reduced air pollution because fewer fossil fuels are burned
Significant return on investment
Extended product life and decreased maintenance

B. GREEN SEAL CERTIFIED PRODUCTS

The Lexington-Fayette Urban County Government is also committed to using other environmentally friendly products that do not negatively impact our environment. Green Seal is a non-profit organization devoted to environmental standard setting, product certification, and public education.

Go to www.Greenseal.org to find available certified products. These products will have a reduced impact on the environment and on human health. The products to be used must be pre-approved by the LFUCG prior to commencement of any work in any LFUCG facility. If a Green Seal product is not available, the LFUCG must provide a signed waiver to use an alternate product. Please provide information on the Green Seal products being used with your bid response.

C. GREEN COMMUNITY

The Lexington-Fayette Urban County Government (LFUCG) serves as a principal, along with the University of Kentucky and Fayette County Public Schools, in the Bluegrass Partnership for a Green Community. The Purchasing Team component of the Partnership collaborates on economy of scale purchasing that promotes and enhances environmental initiatives. Specifically, when applicable, each principal is interested in obtaining best value products and/or services which promote environment initiatives via solicitations and awards from the other principals.

If your company is the successful bidder on this Invitation For Bid, do you agree to extend the same product/service pricing to the other principals of the Bluegrass Partnership for a Green Community (i.e. University of Kentucky and Fayette County Schools) if requested?

Yes _____ No _____

II. Bid Conditions

- A. No bid may be withdrawn for a period of sixty (60) days after the date and time set for opening.
- B. No bid may be altered after the date and time set for opening. In the case of obvious errors, the Division of Central Purchasing may permit the withdrawal of a bid. The decision as to whether a bid may be withdrawn shall be that of the Division of Central Purchasing.
- C. Acceptance of this proposal shall be enactment of an Ordinance by the Urban County Council.
- D. The bidder agrees that the Urban County Government reserves the right to reject any and all bids for either fiscal or technical reasons, and to award each part of the bid separately or all parts to one vendor.
- E. Minor exceptions may not eliminate the bidder. The decision as to whether any exception is minor shall be entirely that of the head of the requisitioning Department or Division and the Director of the Division of Central Purchasing. The Urban County Government may waive technicalities and informalities where such waiver would best serve the interests of the Urban County Government.
- F. Manufacturer's catalogue numbers, trade names, etc., where shown herein are for descriptive purposes and are to guide the bidder in interpreting the standard of quality, design, and performance desired, and shall not be construed to exclude proposals based on furnishing other types of materials and/or services. However, any substitution or departure proposed by the bidder must be clearly noted and described; otherwise, it will be assumed that the bidder intends to supply items specifically mentioned in this Invitation for Bids.
- G. The Urban County Government may require demonstrations of the materials proposed herein prior to acceptance of this proposal.
- H. Bids must be submitted on this form and must be signed by the bidder or his authorized representative. Unsigned bids will not be considered.
- I. Bids must be submitted prior to the date and time indicated for opening. Bids submitted after this time will not be considered.
- J. All bids mailed must be marked on the face of the envelope:

"Bid on #4-2017 Fiber Optic Cable & Control Equipment"

and addressed to: Division of Central Purchasing
 200 East Main Street, Room 338
 Lexington, Kentucky 40507
- The Lexington-Fayette Urban County Government assumes no responsibility for bids that are not addressed and delivered as indicated above. Bids that are not delivered to the Division of Central Purchasing by the stated time and date will be rejected.**
- K. Bidder is requested to show both unit prices and lot prices. In the event of error, the unit price shall prevail.
- L. A certified check or Bid Bond in the amount of XX percent of the bid price must be attached hereto. This check must be made payable to the Lexington-Fayette Urban County Government, and will be returned when the material and/or services specified herein have been delivered in accordance with specifications. In the event of failure to perform within the time period set forth in this bid, it is agreed the certified check may be cashed and the funds retained by the Lexington-Fayette Urban County Government as liquidated damages. Checks of unsuccessful bidders will be returned when the bid has been awarded.
- M. The delivery dates specified by bidder may be a factor in the determination of the successful bidder.
- N. Tabulations of bids received may be mailed to bidders. Bidders requesting tabulations must enclose a stamped, self-addressed envelope with the bid.
- O. The Lexington-Fayette Urban County Government is exempt from Kentucky Sales Tax and Federal Excise Tax on materials purchased from this bid invitation. Materials purchased by the bidder for construction projects are not tax exempt and are the sole responsibility of the bidder.
- P. All material furnished hereunder must be in full compliance with OSHA regulations.

- Q. If more than one bid is offered by one party, or by any person or persons representing a party, all such bids shall be rejected.
- R. Signature on the face of this bid by the Bidder or his authorized representative shall be construed as acceptance of and compliance with all terms and conditions contained herein.
- S. The Entity (regardless of whether construction contractor, non-construction contractor or supplier) agrees to provide equal opportunity in employment for all qualified persons, to prohibit discrimination in employment because of race, color, creed, national origin, sex or age, and to promote equal employment through a positive, continuing program from itself and each of its sub-contracting agents. This program of equal employment opportunity shall apply to every aspect of its employment policies and practices.
- T. The Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) requires that any county, city, town, school district, water district, hospital district, or other political subdivision of the state shall include in directly or indirectly publicly funded contracts for supplies, materials, services, or equipment hereinafter entered into the following provisions:

During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin;*
- (2) The contractor will state in all solicitations or advertisements for employees placed by or on behalf of the contractors that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age or national origin;*
- (3) The contractor will post notices in conspicuous places, available to employees and applicants for employment, setting forth the provisions of the non-discrimination clauses required by this section; and*
- (4) The contractor will send a notice to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding advising the labor union or workers' representative of the contractor's commitments under the nondiscrimination clauses.*

The Act further provides:

KRS 45.610. Hiring minorities - Information required

- (1) For the length of the contract, each contractor shall hire minorities from other sources within the drawing area, should the union with which he has collective bargaining agreements be unwilling to supply sufficient minorities to satisfy the agreed upon goals and timetable.*
- (2) Each contractor shall, for the length of the contract, furnish such information as required by KRS 45.560 to KRS 45.640 and by such rules, regulations and orders issued pursuant thereto and will permit access to all books and records pertaining to his employment practices and work sites by the contracting agency and the department for purposes of investigation to ascertain compliance with KRS 45.560 to 45.640 and such rules, regulations and orders issued pursuant thereto.*

KRS 45.620. Action against contractor - Hiring of minority contractor or subcontractor

- (1) If any contractor is found by the department to have engaged in an unlawful practice under this chapter during the course of performing under a contract or subcontract covered under KRS 45.560 to 45.640, the department shall so certify to the contracting agency and such certification shall be binding upon the contracting agency unless it is reversed in the course of judicial review.*
- (2) If the contractor is found to have committed an unlawful practice under KRS 45.560 to 45.640, the contracting agency may cancel or terminate the contract, conditioned upon a program for future compliance approved by the contracting agency and the department. The contracting agency may declare such a contractor ineligible to bid on further contracts with that agency until such time as the contractor complies in full with the requirements of KRS 45.560 to 45.640.*

- (3) *The equal employment provisions of KRS 45.560 to 45.640 may be met in part by a contractor by subcontracting to a minority contractor or subcontractor. For the provisions of KRS 45.560 to 45.640, a minority contractor or subcontractor shall mean a business that is owned and controlled by one or more persons disadvantaged by racial or ethnic circumstances.*

KRS 45.630 Termination of existing employee not required, when

Any provision of KRS 45.560 to 45.640 notwithstanding, no contractor shall be required to terminate an existing employee upon proof that that employee was employed prior to the date of the contract.

KRS 45.640 Minimum skills

Nothing in KRS 45.560 to 45.640 shall require a contractor to hire anyone who fails to demonstrate the minimum skills required to perform a particular job.

It is recommended that all of the provisions above quoted to be included as special conditions in each contract. In the case of a contract exceeding \$250,000, the contractor is required to furnish evidence that his work-force in Kentucky is representative of the available work-force in the area from which he draws employees, or to supply an Affirmative Action plan which will achieve such representation during the life of the contract.

- U. Any party, firm or Individual submitting a proposal pursuant to this invitation must be in compliance with the requirements of the Lexington-Fayette Urban County Government regarding taxes and fees before they can be considered for award of this invitation and must maintain a "current" status with regard to those taxes and fees throughout the term of the contract. The contractor must be in compliance with Chapter 13 from the Code of Ordinances of the Lexington-Fayette Urban County Government. The contractor must be in compliance with Ordinance 35-2000 pursuant to contractor registration with the Division of Building Inspection. If applicable, said business must have a Fayette County business license.

Pursuant to KRS 45A.343 and KRS 45A.345, the contractor shall

- (1) *Reveal any final determination of a violation by the contractor within the previous five year period pursuant to KRS Chapters 136 (corporation and utility taxes), 139 (sales and use taxes), 141 (income taxes), 337 (wages and hours), 338 (occupational safety and health of employees), 341 (unemployment and compensation) and 342 (labor and human rights) that apply to the contractor; and*
- (2) *Be in continuous compliance with the above-mentioned KRS provisions that apply to the contractor for the duration of the contract.*

A contractor's failure to reveal the above or to comply with such provisions for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the contractor from eligibility for future contracts for a period of two (2) years.

- V. Vendors who respond to this invitation have the right to file a notice of contention associated with the bid process or to file a notice of appeal of the recommendation made by the Director of Central Purchasing resulting from this invitation.

Notice of contention with the bid process must be filed within 3 business days of the bid/proposal opening by (1) sending a written notice, including sufficient documentation to support contention, to the Director of the Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his/her contention with the bid process. After consulting with the Commissioner of Finance the Chief Administrative Officer and reviewing the documentation and/or hearing the vendor, the Director of Central Purchasing shall promptly respond in writing findings as to the compliance with bid processes. If, based on this review, a bid process irregularity is deemed to have occurred the Director of Central Purchasing will consult with the Commissioner of Finance, the Chief Administrative Officer and the Department of Law as to the appropriate remedy.

Notice of appeal of a bid recommendation must be filed within 3 business days of the bid recommendation by (1) sending a written notice, including sufficient documentation to support appeal, to the Director, Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central

Purchasing to explain his appeal. After reviewing the documentation and/or hearing the vendor and consulting with the Commissioner of Finance and the Chief Administrative Officer, the Director of Central Purchasing shall in writing, affirm or withdraw the recommendation.

III. Procurement Contract Bid Conditions

- A. The terms of this agreement shall be for 1 year(s) from the date of acceptance of this contract by the Lexington-Fayette Urban County Government. This agreement may be automatically extended for an additional 1 year(s) renewal. This contract may be canceled by either party thirty (30) days after delivery by canceling party of written notice of intent to cancel to the other contracting party.
- B. Price Changes (**Space Checked Applies**)
 - (XXX) 1. Prices quoted in response to the Invitation shall be firm prices for the first 90 days of the Procurement Contract. After 90 days, prices may be subject to revision and such changes shall be based on general industry changes. Revision may be either increases or decreases and may be requested by either party. There will be no more than one (1) price adjustment per quarter. Requests for price changes shall be received in writing at least twenty (20) days prior to the effective date and are subject to written acceptance before becoming effective. Proof of the validity of a request for revision shall be responsibility of the requesting party. The Lexington-Fayette Urban County Government shall receive the benefit of any decline that the seller shall offer his other accounts.
 - () 2. No provision for price change is made herein. Prices are to be firm for the term of this contract.
 - () 3. Procurement Level Contract
- C. If any contract item is not available from the vendor, the Lexington-Fayette Urban County Government, at its option, may permit the item to be back-ordered or may procure the item on the open market.
- D. All Invoices must bear reference to the Lexington-Fayette Urban County Government Purchasing document numbers which are being billed.
- E. This contract may be canceled by the Lexington-Fayette Urban County Government if it is determined that the Bidder has failed to perform under the terms of this agreement, such cancellation to be effective upon receipt of written notice of cancellation by the Bidder.
- F. No substitutions for articles specified herein may be made without prior approval of the Division of Central Purchasing.

EQUAL OPPORTUNITY AGREEMENT

The Law

Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.

Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.

Section 503 of the Rehabilitation Act of 1973 states:

The Contractor will not discriminate against any employee or applicant for employment because of physical or mental disability.

Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.

Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

Bidders

I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, veteran status, disability and age.

Robert J. Melle

Signature

REXEL Inc.

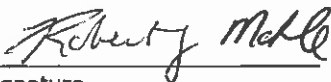
Name of Business

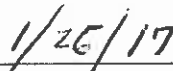
GENERAL PROVISIONS OF BID CONTRACT

By signing the below, bidder acknowledges that it understands and agrees with the following provisions related to its bid response and the provision of any goods or services to LFUCG upon selection by LFUCG pursuant to the bid request:

1. Bidder shall comply with all Federal, State & Local regulations concerning this type of service or good.
2. Failure to submit ALL forms and information required by LFUCG may be grounds for disqualification.
3. Addenda: All addenda, if any, must be considered by the bidder in making its response, and such addenda shall be made a part of the requirements of the bid contract. Before submitting a bid response, it is incumbent upon bidder to be informed as to whether any addenda have been issued, and the failure of the bidder to cover any such addenda may result in disqualification of that response.
4. Bid Reservations: LFUCG reserves the right to reject any or all bid responses, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by bidder in the preparation of its response.
6. Changes/Alterations: Bidder may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the bid response, and received by LFUCG prior to the scheduled closing time for receipt of bids, will be accepted. The bid response when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of bid response".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from any bidder.
8. Bribery Clause: By his/her signature on its response, bidder certifies that no employee of his/hers, any affiliate or subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.
9. Additional Information: While not necessary, the bidder may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the bid response. Additional documentation shall not serve as a substitute for other documentation which is required by the LFUCG to be submitted with the bid response.
10. Ambiguity, Conflict or other Errors: If a bidder discovers any ambiguity, conflict, discrepancy, omission or other error in the bid request of LFUCG, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. Agreement to Bid Terms: In submitting its bid response, the bidder agrees that it has carefully examined the specifications and all provisions relating to LFUCG's bid request, including but not limited to the bid contract. By submission of its bid response, bidder states that it understands the meaning, intent and requirements of LFUCG's bid request and agrees to the same. The successful bidder shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to bidder shall be authorized for services, expenses, or goods reasonably covered under these provisions that the bidder omits from its bid response.
12. Cancellation: LFUCG may unilaterally terminate the bid contract with the selected bidder(s) at any time, with or without cause, by providing at least thirty (30) days advance written notice unless a different advance written notice period is negotiated prior to contract approval. Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.

13. **Assignment of Contract:** The selected bidder(s) shall not assign or subcontract any portion of the bid contract with LFUCG without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.
14. **No Waiver:** No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this bid proposal or bid contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
15. **Authority to do Business:** Each bidder must be authorized to do business under the laws of the Commonwealth of Kentucky and must be in good standing and have full legal capacity to provide the goods or services specified in the bid proposal. Each bidder must have all necessary right and lawful authority to submit the bid response and enter into the bid contract for the full term hereof including any necessary corporate or other action authorizing the bidder to submit the bid response and enter into this bid contract. If requested, the bidder will provide LFUCG with a copy of a corporate resolution authorizing this action and/or a letter from an attorney confirming that the proposer is authorized to do business in the Commonwealth of Kentucky. All bid responses must be signed by a duly authorized officer, agent or employee of the bidder.
16. **Governing Law:** This bid request and bid contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this matter, the bidder agrees that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division and that the bidder expressly consents to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to these matters or any rights or obligations arising thereunder.
17. **Ability to Meet Obligations:** Bidder affirmatively states that there are no actions, suits or proceedings of any kind pending against bidder or, to the knowledge of the bidder, threatened against the bidder before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of bidder to perform its obligations under this bid response or bid contract, or which question the legality, validity or enforceability hereof or thereof.
18. Bidder understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Bidder is an independent contractor at all times related to the bid response or bid contract.
19. If any term or provision of this bid contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.


Signature


Date

FIBER-OPTIC CABLE AND CONTROL EQUIPMENT

We propose to deliver to the Lexington-Fayette Urban County Government, Division of Traffic Engineering loading dock at 1515 Old Frankfort Pike, Lexington, Kentucky, 40504, the following equipment conforming to all specifications within Thirty (30) days of receipt of purchase authorization:

Pricing for the following shall be good for 365 days from acceptance of bid with the option to renew.

Special Requirement: (Fiber-Optic Cable Bids)

- All Fiber-Optic cable shall have a 10-year warranty on the Fiber & Cable.
- All price quotes for Fiber-Optic cable shall be per linear foot.
- All fiber-optic cable shipments shall be on Wooden Reel (coils will not be accepted).

Item #	Description
1	<u>Junction Box (PD Style) w/Lid (Stackable)</u> Box: Hubbell Part # PD1730BB18 (or Equivalent) Lid: Hubbell Part # PG1730HH0021 (or Equivalent)
2	<u>Junction Box (PG Style) w/Lid</u> Box: Hubbell Part # PG1730BA12 (or Equivalent) Lid: Hubbell Part # PG1730HH0021 (or Equivalent)
3	<u>24-port SM LC Pigtailed Splice Cassette</u> Corning Part# CCH-CS24-A9-P00RE (No Substitute)
4	<u>12-port SM SC Pigtailed Splice Cassette</u> Corning Part# CCH-CS12-59-P00RE (No Substitute)
5	<u>2-Rack Unit Closet Connector Housing</u> Corning # CCH-02-U Closet Housing (No Substitute)
6	<u>3-Rack Unit Closet Connector Housing</u> Corning#CCH-03-U Closet Housing (No Substitute)
7	<u>4 Rack Unit Closet Connector Housing</u> Corning #CCH-04-U Closet Housing, (No Substitute)
8	<u>Low Count Fiber Splice Closure Kit</u> Each kit shall include: <ul style="list-style-type: none"> • Preformed Line Products Coyote LCC # COYLCC-F004 • Strand mount # 8003832 (No Substitute)
9	<u>Wall Mount Enclosure, 12/24-Port</u> Corning #WIC-02P (No Substitute)

Item # Description

10	<u>Fusion Splicer, Fujikura 70S</u> Fujikura 70S Evolution Fusion Splicer shall include: Standard Package, Fiber Holder #FH-60-250(coating dia. 250um) 1-pair, Fiber Holder #FH-60-900 (coating dia. 900um) 1-pair, 1-year limited warranty (No Substitute)
11	<u>Splice Protectors for Fusion Splices</u> Corning 2806031-01 Fusion Splice Protector 60MM heat-shrink sleeve & stainless steel rod (or Equivalent)
12	<u>Innerduct, 1-inch, Direct Bury, Orange</u> Carlton #A5C9N1JNNB500 (or Equivalent)
13	<u>Innerduct, 2-inch, Direct Bury, Orange</u> Carlton #A13C9N1JNNB2500 (or Equivalent)
14	<u>Cable Tie, Box of 250</u> Panduit PLT3H-TL-100 (or Equivalent)
15	<u>Pole Washer</u> Joslyn J1075, (or Equivalent)
16	<u>Eye Bolt, 16-inch</u> Joslyn J9416, (or Equivalent)
17	<u>Messenger Cable, 1/4-inch, Galvanized</u> 2,000-ft. on a wooden reel
18	<u>Messenger Cable, 1/4-inch, Galvanized</u> 5,000-ft. on a wooden reel
19	<u>Double Arming Bolt, 24-inch</u> Joslyn #J8874 (or Equivalent)
20	<u>Pole Bolt, 18-inch</u> Joslyn #J8818 (or Equivalent)
21	<u>Eye Bolt, 18-inch</u> Joslyn #J9418 (or Equivalent)
22	<u>Oval Eye Nut</u> Joslyn #J1092 (or Equivalent)
23	<u>Suspension Clamp</u> #PA296X (or Equivalent)
24	<u>Strand Vise, 1/4-inch</u> Reliable 5150 (No Substitute)
25	<u>Strand Link, 1/4-inch</u> Reliable 5000 (No Substitute)
26	<u>"C" Cable Lasher</u> GMP #P/N 71420 (No Substitute)

Item #

Description

27	<u>Lasher/Overlasher w/chest</u> GMP 70400 Apollo (No Substitute)
28	<u>Lash Wire, .045 Stainless Steel, 6 x 1200-ft per box</u> GMP #71530 (or Equivalent)
29	<u>"D" Lashing Clamp</u> GMP #07886 (No Substitute)
30	<u>OTDR, Micro</u> Noyes M200-K-Quad (No Substitute)
31	<u>Cable Puller, Fiber-Optic Package, Condux International (No Substitute)</u> <ul style="list-style-type: none"> • Hydraulic Cable Puller • Foot control/hydraulic control assembly • Hoses and cords to connect to the puller • Portable hydraulic power pack, gas 9-hp • Remote Mounting Stand
32	<u>Cable Puller Capstan, Fiber-Optic, Condux International (No Substitute)</u> <ul style="list-style-type: none"> • Capstan shall be 30-inch diameter, 4-inches wide
33	<u>Closest Splice Housing Kit for Master Splice Cabinet (No Substitutes)</u> Kit shall include: <ul style="list-style-type: none"> • (1) Corning CSH-05u 19-inch Rack Mount Housing • (22) Corning M67-112 Type 2S Trays, for 24 Fusion splices per Tray • Each kit shall have all items listed shipped in one box, per bid item number
34	<u>Attenuator #1, 10 db</u> SC Male-SC Female 10db SM 1310/1550 Atten UPC, Fiber Instrument Sales Inc Part Number: F18731A10 (or Equivalent)
35	<u>Attenuator #2, 5 db</u> SC Male-SC Female 5db SM 1310/1550 Atten UPC, Fiber Instrument Sales Inc. Part Number: F18731A05 (or Equivalent)
36	Blank
37	Blank
38	Blank
39	Blank
	<u>Loose Tube Type, Single Mode, Fiber Optic Cable (various counts, non-gel), #'s 40 thru 48</u> <u>Corning Altos #xxxEU4-T4701D20 (No Substitutes) where xxx= fiber count</u>
40	<u>6-Fiber Cable</u>
41	<u>12-Fiber Cable</u>
42	<u>24-Fiber Cable</u>
43	<u>36-Fiber Cable</u>

Item #

Description

44	<u>48-Fiber Cable</u>
45	<u>72-Fiber Cable</u>
46	<u>96-Fiber Cable</u>
47	<u>144-Fiber Cable</u>
48	<u>288-Fiber Cable</u>
49	<p><u>Detectable 5/16-inch Duct Rod with Cart and Accessories</u> Duct rod with cart shall be DCD 5/16-inch with the following accessories: Splice Connector, Flexible Guide Head, Pulling Eye, Swivel Rod End (attached), Female Rod End (attached), Roller Guide, Clevis End, Glue, Rod Gripper, and accessory Pouch. DCD Designs part #53700-400 (or Equivalent)</p>
50	<p><u>Detectable Fiber-Optic Cable Pulling Tape, 3,000-foot lengths</u> Pulling tape shall be Tensile Strength: 1,800-pounds, Width: 5/8-inch, Construction: Woven, Pre-Lubrication: Yes, Foot-Markings: Yes, priced in 3,000-foot lengths. Detectable Fiber-Optic Cable Pulling Tape. Herculine part #P1800T (or Equivalent)</p>
51	<p><u>Sno Shoe, 16-inch w/Tap</u> Multilink part # 2116-SSPTB (or Equivalent)</p>
52	<p><u>Stackable Cable Spacer</u> Panduit # SACS 50-T100 (No Substitute)</p>
53	<p><u>Fiber-Optic Duplex Jumper, 3-meter, SC to SC</u> Fiber Instrument Sales #VDX9YY53FIS (or Equivalent)</p>
54	<p><u>Fiber Termination Kit (Controller Cabinet)</u> Each kit shall contain the following:</p> <ul style="list-style-type: none"> • One (1) Velcro wrap, Black, (1" x 8") w/screw mount cut out, Part #CT3108 • Four (4) Duplex SC to SC 3-meter jumpers, single-mode cable • One (1) #313351 Corning-C, SPH-01P, 12-F, Wall Mount Enclosure Single Panel Housing (No Substitute) • One (1) #180699, Corning-C, CCH-CP06-59, 6-port panel SC SM loaded (No Substitute) • Each kit shall have all items listed shipped in one box, per bid item number
55	<p><u>Fiber Installation Kit (Novice)</u> Each kit shall contain the following:</p> <ul style="list-style-type: none"> • One (1) indoor/outdoor 6-fiber single-mode cable, SC connector to pigtail, 100-meter/1 meter breakout. • One (1) Velcro wrap, Black, (1" x 8") w/screw mount cut out, Part #CT3108 • Four (2) Duplex SC to SC 3-meter jumpers, single-mode cable • One (1) #313351 Corning-C, SPH-01P, 12-F, Wall Mount Enclosure Single Panel Housing (No Substitute) • One (1) #180699, Corning-C, CCH-CP06-59, 6-port panel SC SM loaded (No Substitute) • Each kit shall have all items listed shipped in one box, per bid item number

Item #**Description**

56	<u>Starfighter Fiber-Optic Dome Splice Closure Kit</u> Configuration Summary: 4048-B-2-A-3-0 MultiLink Kit shall contain: <ul style="list-style-type: none"> • One (1) 4048D Starfighter dome splice closure (No Substitute) • One (1) 4000/4048D Starfighter Aerial Hanger Kit (No Substitute) • Two (2) 4048-SSTP splice tray 24 single/48 ribbon splice capacity (No Substitute) • Each kit shall have all items listed shipped in one box, per bid item number
57	<u>4000D Dome Kit for 288 Total Splices</u> , Configuration Summary: 4000-C-7-A-3-0 MultiLink (No Substitutes) Kit shall contain <ul style="list-style-type: none"> • One (1) (4000d Dome w/1 tray) • Seven (7) Splice Trays (36 ct trays) • Three (3) (Cable Addition Kits) • One (1) (Aerial Hanging Bracket) • All items in kit shall be shipped in one (1) box.
58	<u>Precision Optical Fiber Cleaver</u> Fitel #S323 (or Equivalent)
59	<u>Fiber-Optic Shackle</u> Equivalent to GMP #70045 (or Equivalent)
60	<u>Fiber-Optic Conduit Checker</u> Equivalent to DCD Design #08500-200 (or Equivalent)
61	<u>Fiber-Optic Duct Entry Guide, 2-inch</u> DCD Design #32500-200 (or Equivalent)
62	<u>Fiber-Optic Duct Entry Guide, 4-inch</u> DCD Design #32500-400 (or Equivalent)
63	<u>Fiber-Optic Spool Frame</u> DCD Design #58540-010 (or Equivalent)
64	<u>Fiber-Optic Quadrant, Black</u> GMP Tools #15316 (or Equivalent)
65	<u>Fiber-Optic Reel Trailer</u> Roose Mfg. Roose Reeler RR135 w/HPD-510 Hydraulic Power Reel Drive (or Equivalent)
66	<u>Pull Rope, 1/2-inch x 1200-feet</u> IDEAL #31-851 (or Equivalent)
67	<u>Optical Fiber Access Tool</u> for midspan buffer splits, Corning-C #OFT-000 (No Substitutes)
68	<u>Fiber Lube Applicator Kit</u> DCD Design #35100-000 (or Equivalent)
69	<u>Fiber Lube, 5-gallon</u> DCD Design #35000-050 (or Equivalent)
70	<u>Aerial Cable Puller</u> Condux #18108000 (No Substitute)

Item #**Description**

71	<u>21-foot Lay Up Stick</u> Condux #18143621 (No Substitute)
72	<u>Wire Raising Tool</u> Condux #18110812 (No Substitute)
73	<u>Cable Block Lifter</u> Condux #18110834 (No Substitute)
74	<u>Cable Block Pusher</u> Condux #18109240 (No Substitute)
75	<u>Cable Block</u> Condux #18001270 (No Substitute)
76	<u>Overlash Aerial Cable Puller</u> Condux #18308000 (No Substitute)
77	<u>Jumper Clamp</u> N/S Electric M EM 0800 (or Equivalent)
78	<u>Rugged Switch RS900G (10)</u> Siemens, (RuggedComm #RS900G-24-P-2SC10) (No Substitute)
79	<u>Rugged Switch RS900G (25)</u> Siemens, (RuggedComm #RS900G-24-P-2SC25) (No Substitute)
80	<u>Conduit Inspection Camera</u> General Pipe Cleaners Gen-Eye SD Part #CMSDC with standard color camera and 200-ft. rod (No Substitute)
81	<u>Non-Metallic Pole Riser</u> Extra Heavy Duty Schedule 80 Carlon PV Mold #59411N (or Equivalent)
82	<u>Non-Metallic Pole Riser Adaptor</u> 2-inch - 4-inch adaptor for Carlon PV Mold Carlon #E939JN (or Equivalent)
83	<u>Fiber-Optic Duplex Jumper, 3-meter, SC to ST</u> Fiber-Optic Jumpers shall be Duplex SM 9/125, SC to ST, 3-meters long, Fiber Instrument Sales #D38YS3FISC (or Equivalent)
84	<u>Corrugated 1-inch Black Innerduct, 5,000-ft reel</u> Core Data Comm Part #2001005710 (or Equivalent)
85	<u>Signal Cable (18/4 AWG), 1,000 ft-reel</u> Belden 8489 (or Equivalent)
86	<u>CAT5 Cable, 1,000-ft reel</u> Part #CAT5E, CM004241CAT5E-2003, CS-UNIPRIS 2003 GRAY REEL, 24-4P UTP-CMR SOL BC PE/PVC, INDSTRL ETHRNT HI NS MD FLEX (or Equivalent)

Fiber-Optic Cable and Control Equip. Bid Tab

2017 Fiber-Optic Cable and Control Equipment vendor bid tab

Bid Invitation Price Contract #

Expiration Date:

Num	Item	Unit	Bid
1	Junction Box (PD Style) w/Lid (Stackable)	EA	402.00
2	Junction Box (PG Style) w/Lid	EA	325.00
3	24-port SM LC Pigtailed Splice Cassette	EA	N/A
4	12-port SM SC Pigtailed Splice Cassette	EA	N/A
5	2-Rack Unit Closel Connector Housing	EA	N/A
6	3-Rack Unit Closel Connector Housing	EA	N/A
7	4 Rack Unit Closel Connector Housing	EA	N/A
8	Low Count Fiber Splice Closure Kit	EA	N/A
9	Wall Mount Enclosure, 12/24-Port	EA	N/A
10	Fujikura 70S Fusion Splicer	EA	N/A
11	Splice Protectors for Fusion Splices	EA	N/A
12	Innerduct, 1-inch, Direct Bury, Orange	FT	.90/ft.
13	Innerduct, 2-inch, Direct Bury, Orange	FT	N/A
14	Cable Tie, box of 250	EA	N/A
15	Pole Washer	EA	N/A
16	Eye Bolt, 16-inch	EA	N/A
17	Messenger Cable, 1/4-inch, Galvanized, 2,000-ft. on a wooden reel	EA	.49 ft.
18	Messenger Cable, 1/4-inch, Galvanized, 5,000-ft. on a wooden reel	EA	.49 ft.
19	Double Arming Bolt, 24-inch	EA	N/A
20	Pole Bolt, 18-inch	EA	N/A
21	Eye Bolt, 18-inch	EA	N/A
22	Oval Eye Nut	EA	N/A
23	Suspension Clamp	EA	N/A
24	Strand Vise, 1/4-inch, Reliable 5150	EA	N/A
25	Strand Link, 1/4-inch, Reliable 5000	EA	N/A
26	"C" Cable Lasher	EA	N/A
27	Lasher/Overlasher w/chest, GMP 70400 Apollo	EA	N/A
28	Lash Wire, .045 Stainless Steel, 6 x 1200-ft. per box	EA	N/A

Fiber-Optic Cable and
Control Equip. Bid Tab

29	"D" Lashing Clamp	EA		
30	OTDR, Micro	EA		N/Q
31	Condux Fiber-Optic Cable Puller, pkg. 1	EA		
32	Condux Fiber-Optic Cable Puller Capstan	EA		
33	Closest Splice Housing Kit for Master Splice Cabinet	EA		
34	Attenuator #1, 10 db	EA		
35	Attenuator #2, 5 db	EA		
36	Blank			
37	Blank			
38	Blank			
39	Blank			
40	6-Fiber Cable	FT		
41	12-Fiber Cable	FT		
42	24-Fiber Cable	FT		
43	36-Fiber Cable	FT		
44	48-Fiber Cable	FT		
45	72-Fiber Cable	FT		
46	96-Fiber Cable	FT		
47	144-Fiber Cable	FT		
48	288-Fiber Cable	FT		
49	Detectable 5/16-inch Duct Rod with Cart and Accessories	EA		
50	Detectable Fiber-Optic Cable Pulling Tape, 3,000-foot lengths	EA		
51	Multilink 16-inch Sno Shoe with Tap	EA		
52	Stackable Cable Spacer	EA		
53	Fiber-Optic Duplex Jumper, 3-meter, SC to SC	EA		
54	Fiber Termination Kit (Controller Cabinet)	EA		
55	Fiber Installation Kit (Novice)	EA		
56	Starfighter Fiber-Optic Dome Splice Closure Kit	EA		
57	4000D Dome Kit for 288 Total Splices	EA		
58	Precision Optical Fiber Cleaver	EA		
59	Fiber-Optic Shackle	EA		
60	Fiber-Optic Conduit Checker	EA		
61	Fiber-Optic Duct Entry Guide, 2-inch	EA		

Fiber-Optic Cable and
Control Equip. Bid Tab

62	Fiber-Optic Duct Entry Guide, 4-inch	EA	N/A
63	Fiber-Optic Spool Frame	EA	
64	Fiber-Optic Quadrant, Black	EA	
65	Fiber-Optic Reel Trailer	EA	
66	Pull Rope, 1/2-inch x 1200-feet	EA	\$ 495. ⁰⁰
67	Optical Fiber Access Tool	EA	N/A
68	Fiber Lube Applicator Kit	EA	
69	Fiber Lube, 5-gallon	EA	
70	Aerial Cable Puller	EA	
71	21-foot Lay Up Stick	EA	
72	Wire Raising Tool	EA	
73	Cable Block Lifter	EA	
74	Cable Block Pusher	EA	
75	Cable Block	EA	
76	Overlash Aerial Cable Puller	EA	
77	Jumper Clamp	EA	
78	Rugged Switch RS900G (RuggedComm #RS900G-24-P-2SC10)	EA	
79	Rugged Switch RS900G (RuggedComm #RS900G-24-P-2SC25)	EA	
80	Conduit Inspection Camera	EA	
81	Non-Metallic Pole Riser	EA	
82	Non-Metallic Pole Riser Adaptor	EA	
83	Fiber-Optic Duplex Jumper, 3-meter, SC to ST	EA	
84	Corrugated 1-inch Black Innerduct, 5,000-ft reel	EA	
85	Signal Cable (18/4 AWG), 1,000-ft reel	EA	
86	CATS Cable, 1,000-ft reel	EA	N/A

Fujikura 70S



EVOLUTION!

World's quickest splicing 7sec. / tube-heating 14sec.



Fiber Fusion Splicer
Fujikura 70

Automated wind-protector.



- World's quickest splicing 7sec. / tube-heating 14sec.
- Minimum manual operation. Splice in 4 steps.
- Multi-functional carrying case with integrated work station.
- Absolute robustness.



 **Fujikura**

Single Fiber Fusion Splicer Fujikura 70S

SPECIFICATIONS

Applicable fibers	Single / SMF (G.652/G.657), MMF (G.651), DSF (G.653), NZDSF (G.654)
Cladding dia. / Sheath dia.	80-150µm / 100-3000µm
Clave length	5mm to 16mm with sheath clamp
Splice mode / heating mode	Total 100 splice modes / 30 heating modes
Splice loss	0.02dB (SMF, 0.01dB (MMF, 0.04dB (DSF) and 0.04dB (NZDSF) Measured by cut-back method referred to IEC and EC standards
Attenuation splice location	Inferior: high splice loss of 0.1dB to 1.5dB (0.1dB splice loss for mode fiber in the level of 100µm)
Splice time / tube heating time	Typical 7sec with SMA / Typical 14sec with 14.5mm diameter sleeve
Splice result storage	LAST 2000 splice
Viewing methods / magnification	2 sets CMOS camera with 4.73" color LCD X-Y (820X magnification) or both X and Y simultaneously (200X magnification)
Turn-on time	1.95 to 2.25A
Applicable protection sleeve	60mm / 40mm and Fujikura micro sleeve
No. of splices / heating per battery full charge	Typical 200 cycles with BTR-00
Electrode life	3000 splices
Size / weight	146H x 158D x 150H (mm) / 2.7kg (including battery)
Operating condition	Air humidity: 0 to 5000m above sea level, Wind: 15m/sec Temperature: -10 to 50deg C, Humidity: 0 to 95%RH (no dew)
Resistance features	Shock: 76m (200m) at surface drop Dust: Exposure to dust 0.1 to 500µm dia Alumina Silicate IPX4 Rain: Max 100mm/hr for 15min IPX3
Other features	PC software upgrade / data management
Terminals	USB 2.0 Mini B type connector for PC communication 5-pin Mini-DIN connector for HUS-02 or HUS-03 (power supply)

1. Model 70S is not heating over the fiber. For more details, please refer to the manual.

2. The actual number of splices per battery full charge varies according to the fiber type and the splice mode.

ACCESSORIES

Description	Model No.
High precision single fiber driver	GT-05 (for single fiber)
High precision fiber cleaver	GT-20 (max. 10 single to 12 ribbon fibers)
Primary coat stripper	PS-42
Nylon jacket stripper	JS-21
Thermal jacket stripper	HLS-02 / HUS-03
Protection sleeve	EP-03 / 03 IL-431 and EPSC1 cables

OPTIONAL ITEMS

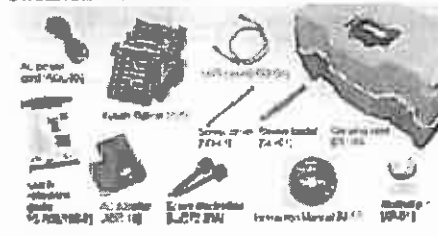
Description	Model No.	SET
Fiber holder	PH-01 (for coating dia. 200µm)	1 pair
	PH-02 (for coating dia. 300µm)	1 pair
	PH-03 (200µm coating dia. / 250µm in drop cable)	1 pair
	PH-04 (for coating dia. 300µm / 2.0mm diameter)	1 pair
	PH-05 (for coating dia. 300µm / 1.0mm diameter)	1 pair
Sheath clamp	QAWF-33C (for coating diameter 300µm)	1 pair
	QAWF-33D (for coating diameter 400µm)	1 pair
Battery pack	BTR-00 (battery)	1 pc
Battery charge cord	BCP-10	1 pc
DC power cord	DCP-12 (for cable diameter 1.2mm)	1 pc
	DCP-13 (for cable diameter 1.3mm)	1 pc
Electrodes	ELC-21-20A	1 pair

1. The actual number of splices per battery full charge varies according to the fiber type and the splice mode.

STANDARD PACKAGE

Description	Model No.	Qty
Fusion splicer	70S	1 pc
AC adaptor	ACD-16	1 pc
AC power cord	ACD-01 200V / 100V / 115V / 16.1A / 17.0A	1 pc
Carrying case	CC-30	1 pc
Splice electrodes	ELC-21-20A	1 pair
Instruction manual / CD	M-70 (Manual and PC software)	1 pc
Quick reference guide	Q-70S (PDF File)	1 pc
Warning and cautions	W-70 E	1 pc
USB cable	USB-01	1 pc
Sleeve loader	SL-01	1 pc
Alcohol pot	AP-01	1 pc
Screw driver	SD-01	1 pc

STANDARD PACKAGE



1. The actual number of splices per battery full charge varies according to the fiber type and the splice mode.

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