

Lexington-Fayette Urban County Government

Request for Proposal

The Lexington-Fayette Urban County Government hereby requests proposals for **RFP** #47-2014 Town Branch Flood Plain Analysis to be provided in accordance with terms, conditions and specifications established herein.

Sealed proposals will be received in the Division of Central Purchasing, Room 338, Government Center, 200 East Main Street, Lexington, KY, 40507, until **2:00 PM**, prevailing local time, on **September 8**th, **2014**.

Proposals received after the date and time set for opening proposals will not be considered for award of a contract and will be returned unopened to the Proposer. It is the sole responsibility of the Proposer to assure that his/her proposal is received by the Division of Central Purchasing before the date and time set for opening proposals.

Proposals must be sealed in an envelope and the envelope prominently marked:

RFP #47-2014 Town Branch Flood Plain Analysis

If mailed, the envelope must be addressed to:

Theresa Maynard – Buyer Senior Lexington-Fayette Urban County Government Room 338, Government Center 200 East Main Street Lexington, KY 40507

Additional copies of this Request For Proposals are available from the Division of Central Purchasing, Room 338 Government Center, 200 East Main Street, Lexington, KY 40507, (859)-258-3320, at no charge.

Proposals, once submitted, may not be withdrawn for a period of sixty (60) calendar days.

The Proposer must submit one (1) master (hardcopy), (1) electronic version in PDF format on a flashdrive or CD and twelve (12) duplicates (hardcopies) of their proposal for evaluation purposes.

The Lexington-Fayette Urban County Government reserves the right to reject any or all proposals, and to waive technicalities and informalities when such waiver is determined by the Lexington-Fayette Urban County Government to be in its best interest.

Signature of this proposal by the Proposer constitutes acceptance by the Proposer of terms, conditions and requirements set forth herein.

Minor exceptions may not eliminate the proposal. Any exceptions to the specifications established herein shall be listed in detail on a separate sheet and attached hereto. The Lexington-Fayette Urban County Government shall determine whether any exception is minor.

The Lexington-Fayette Urban County Government encourages the participation of minority- and women-owned businesses in Lexington-Fayette Urban County Government contracts. This proposal is subject to Affirmative Action requirements attached hereto.

Please do not contact any LFUCG staff member or any other person involved in the selection process other than the designated contact person(s) regarding the project contemplated under this RFP while this RFP is open and a selection has not been finalized. Any attempt to do so may result in disqualification of the firm's submittal for consideration.

Laws and Regulations

All applicable state laws, municipal ordinances and regulations of all authorities having jurisdiction over the project shall apply to the contract, and shall be deemed to be incorporated herein by reference.

Equal Employment Opportunity

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 subcontracting agents. This program of equal employment opportunity shall apply to every aspect of its employment policies and practices.

Kentucky Equal Employment Opportunity Act

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 provision of the nondiscrimination 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 timetables.
- (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 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 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 workforce 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.

LFUCG Non-Appropriation Clause

Contractor acknowledges that the LFUCG is a governmental entity, and the contract validity is based upon the availability of public funding under the authority of its statutory mandate.

In the event that public funds are unavailable and not appropriated for the performance of the LFUCG's obligations under this contract, then this contract shall automatically expire without penalty to the LFUCG thirty (30) days after written notice to Contractor of the unavailability and non-appropriation of public funds. It is expressly agreed that the LFUCG shall not activate this non-appropriation provision for its convenience or to circumvent the requirements of this contract, but only as an emergency fiscal measure during a substantial fiscal crisis, which affects generally its governmental operations.

In the event of a change in the LFUCG's statutory authority, mandate and mandated functions, by state and federal legislative or regulatory action, which adversely affects the LFUCG's authority to continue its obligations under this contract, then this contract shall automatically terminate without penalty to the LFUCG upon written notice to Contractor of such limitation or change in the LFUCG's legal authority.

Contention Process

Vendors who respond to this invitation have the right to file a notice of contention associated with the RFP 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 RFP 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 RFP 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 RFP processes. If, based on this review, a RFP 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 RFP recommendation must be filed within 3 business days of the RFP 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.

SELECTION CRITERIA:

- Specialized experience and technical competence of the person or firm with respect to data collection, the specified hydrologic and hydraulic modeling, report preparation to convey the meaning and impacts of the technical analysis and preparation of a FEMA LOMR. 30 Points
- Character, integrity, reputation, judgment, experience and efficiency of the person or firm based on past or current work with LFUCG and/or referenced clients. 15 Points
- 3. Past record and performance on contracts with the LFUCG or other governmental agencies and private industry with respect to such factors as control of cost, quality of work and ability to meet schedules. 15 Points
- 4. Familiarity with the details of the project. 10 Points
- 5. Degree of local employment to be provided by the Consultant. 10 Points
- 6. Estimated Cost of Services. 20 Points

 Note: Excessively high or low estimates will result in a score of 1 for this category.

Proposals shall contain the appropriate information necessary to evaluate based on these criteria. A committee composed of government employees as well as representatives of relevant user groups will evaluate the proposals.

Questions regarding this RFP shall be addressed to:

Theresa Maynard, Buyer Senior Division of Central Purchasing theresam@lexingtonky.gov

or submitted to the website at https://lfucg.economicengine.com

The Deadline for Questions is Thursday, August 28th, 2014 at 2:00 pm local time.

Affirmative Action Plan

All vendors must submit as a part of the proposal package the following items to the Urban County Government:

- 1. Affirmative Action Plan for his/her firm;
- 2. Current Work Force Analysis Form;

Failure to submit these items as required may result in disqualification of the submitter from award of the contract. All submissions should be directed to:

Director, Division of Central Purchasing Lexington-Fayette Urban County Government 200 East Main Street, 3rd Floor Lexington, Kentucky 40507

All questions regarding this proposal must be directed to the Division of Central Purchasing, (859)-258-3320.

AFFIDAVIT

| Comes the Affiant,, and after being |
|--|
| first duly sworn, states under penalty of perjury as follows: |
| 1. His/her name is and he/she is the individual submitting the proposal or is the authorized representative of, the entity |
| submitting the proposal (hereinafter referred to as "Proposer"). |
| 2. Proposer will pay all taxes and fees, which are owed to the Lexington-Fayette Urbar County Government at the time the proposal 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. Proposer will obtain a Lexington-Fayette Urban County Government business license if applicable, prior to award of the contract. |
| 4. Proposer 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 beer obtained. |
| 5. Proposer 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 Proposer will not violate any provision of the campaign finance laws of the Commonwealth. |
| 6. Proposer has not knowingly violated any provision of Chapter 25 of the |

Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."

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| | he circumstance exists. | | |
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| F | Further, Affiant sayeth naught. | | |
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| COUNTY OF _ | | | |
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7. Proposer acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an

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 handicap.

- 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 women, Vietnam veterans, handicapped and age | , , | rights of minorities, |
|---|------------------|-----------------------|
| Signature | Name of Business | |
| | | |

| WORKFORCE ANALYSIS FORM | | | | |
|-------------------------|--|--|--|--|
| Name of Organization: | | | | |
| Date:/ | | | | |

| Categories | Total | Wh | ite | Lat | ino | Bla | ck | Oth | ner | To | tal |
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| | | M | F | M | F | M | F | M | F | M | F |
| Administrators | | | | | | | | | | | |
| Professionals | | | | | | | | | | | |
| Superintendents | | | | | | | | | | | |
| Supervisors | | | | | | | | | | | |
| Foremen | | | | | | | | | | | |
| Technicians | | | | | | | | | | | |
| Protective Service | | | | | | | | | | | |
| Para-Professionals | | | | | | | | | | | |
| Office/Clerical | | | | | | | | | | | |
| Skilled Craft | | | | | | | | | | | |
| Service/Maintenance | | | | | | | | | | | |
| Total: | | | | | | | | | | | |

| Prepared by:_ | |
|---------------|--------------|
| | Name & Title |

DIRECTOR, DIVISION OF CENTRAL PURCHASING LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT 200 EAST MAIN STREET LEXINGTON, KENTUCKY 40507

NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITIES AND DBE CONTRACT PARTICIPATION

Notice of requirement for Affirmative Action to ensure Equal Employment Opportunities and Disadvantaged Business Enterprises (DBE) Contract participation. Disadvantaged Business Enterprises (DBE) consists of Minority-Owned Business Enterprises (MBE) and Woman-Owned Business Enterprises (WBE).

The Lexington-Fayette Urban County Government has set a goal that not less than ten percent (10%) of the total value of this Contract be subcontracted to Disadvantaged Business Enterprises, which is made up of MBEs and WBEs. The goal for the utilization of Disadvantaged Business Enterprises as subcontractors is a recommended goal. Contractor(s) who fail to meet such goal will be expected to provide written explanations to the Director of the Division of Purchasing of efforts they have made to accomplish the recommended goal, and the extent to which they are successful in accomplishing the recommended goal will be a consideration in the procurement process. Depending on the funding source, other DBE goals may apply.

For assistance in locating Disadvantaged Business Enterprises Subcontractors contact:

Marilyn Clark, Division of Central Purchasing Lexington-Fayette Urban County Government 200 East Main Street, 3rd Floor, Room 338 Lexington, Kentucky 40507 mclark@lexingtonky.gov

| Firm Submitting Prop | osal: | | |
|----------------------|--------|-------------|-----|
| Complete Address: | | | |
| | Street | City | Zip |
| Contact Name: | | Title: | |
| | | | |
| Telephone Number: | | Fax Number: | |
| | | | |
| Email address: | | | |

Lexington-Fayette Urban County Government MWDBE PARTICIPATION GOALS

A. GENERAL

- 1) The LFUCG request all potential contractors to make a concerted effort to include Minority-Owned (MBE), Woman-Owned (WBE) and Disadvantaged (DBE) Business Enterprises as subcontractors or suppliers in their bids.
- 2) Toward that end, the LFUCG has established 10% of total procurement costs as a Goal for participation of Minority-Owned, Woman-Owned and Disadvantaged Businesses on this contract.
- 3) It is therefore a request of each Bidder to include in its bid, the same goal (10%) for MWDBE participation and other requirements as outlined in this section.

B. PROCEDURES

- 1) The successful bidder will be required to report to the LFUCG, the dollar amounts of all payments submitted to Minority-Owned or Woman-Owned subcontractors and suppliers for work done or materials purchased for this contract. (See Subcontractor Monthly Payment Report)
- 2) Replacement of a Minority-Owned or Woman-Owned subcontractor or supplier listed in the original submittal must be requested in writing and must be accompanied by documentation of Good Faith Efforts to replace the subcontractor / supplier with another MWDBE Firm; this is subject to approval by the LFUCG. (See LFUCG MWDBE Substitution Form)
- 3) For assistance in identifying qualified, certified businesses to solicit for potential contracting opportunities, bidders may contact:
 - a) The Lexington-Fayette Urban County Government, Division of Central Purchasing (859-258-3320)
- 4) The LFUCG will make every effort to notify interested MWDBE subcontractors and suppliers of each Bid Package, including information on the scope of work, the pre-bid meeting time and location, the bid date, and all other pertinent information regarding the project.

C. DEFINITIONS

1) A Minority-Owned Business Enterprise (MBE) is defined as a business which is certified as being at least 51% owned and operated by persons of African American, Hispanic, Asian, Pacific Islander, American Indian or Alaskan Native Heritage.

- 2) A Woman-Owned Business Enterprise (WBE) is defined as a business which is certified as being at least 51% owned and operated by one or more Non-Minority Females.
- 3) A Disadvantaged Business (DBE) is defined as a business which is certified as being at least 51% owned and operated by a person(s) that are economically and socially disadvantaged.
- 4) Good Faith Efforts are efforts that, given all relevant circumstances, a bidder or proposer actively and aggressively seeking to meet the goals, can reasonably be expected to make. In evaluating good faith efforts made toward achieving the goals, whether the bidder or proposer has performed the efforts outlined in the Obligations of Bidder for Good Faith Efforts outlined in this document will be considered, along with any other relevant factors.

D. OBLIGATION OF BIDDER FOR GOOD FAITH EFFORTS

- 1) The bidder shall make a Good Faith Effort to achieve the Participation Goal for MWDBE subcontractors/suppliers. The failure to meet the goal shall not necessarily be cause for disqualification of the bidder; however, bidders not meeting the goal are required to furnish with their bids written documentation of their Good Faith Efforts to do so.
- 2) Award of Contract shall be conditioned upon satisfaction of the requirements set forth herein.
- 3) The Form of Proposal includes a section entitled "MWDBE Participation Form". The applicable information must be completed and submitted as outlined below.
- 4) Failure to submit this information as requested may be cause for rejection of bid.

E. DOCUMENTATION REQUIRED FOR GOOD FAITH EFFORTS

- 1) Bidders reaching the Goal are required to submit only the MWDBE Participation Form." The form must be fully completed including names and telephone number of participating MWDBE firm(s); type of work to be performed; estimated value of the contract and value expressed as a percentage of the total Lump Sum Bid Price. The form must be signed and dated, and is to be submitted with the bid.
- 2) Bidders not reaching the Goal must submit the "MWDBE Participation Form", the "Quote Summary Form" and a written statement documenting their Good Faith Effort to do so. If bid includes no MWDBE participation, bidder shall enter "None" on the subcontractor / supplier form). In addition, the bidder must submit written proof of their Good Faith Efforts to meet the Participation Goal:

- a. Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms to participate.
- b. Included documentation of advertising in the above publications with the bidders good faith efforts package
- c. Attended LFUCG Central Purchasing Economic Inclusion Outreach event
- d. Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs of subcontracting opportunities
- e. Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms
- f. Requested a list of MWDBE subcontractors or suppliers from LFUCG Economic Engine and showed evidence of contacting the companies on the list(s).
- g. Contacted organizations that work with MWDBE companies for assistance in finding certified MWBDE firms to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.
- h. Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less that seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.
- i. Followed up initial solicitations by contacting MWDBEs to determine their level of interest.
- j. Provided the interested MWBDE firm with adequate and timely information about the plans, specifications, and requirements of the contract.
- j. Selected portions of the work to be performed by MWDBE firms in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MWDBE participation, even when the prime contractor may otherwise perform these work items with its own workforce.

- k. Negotiated in good faith with interested MWDBE firms not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.
- m. Included documentation of quotations received from interested MWDBE firms which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.
- n. Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE goals.
- o. Made an effort to offer assistance to or refer interested MWDBE firms to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal
- p. Made efforts to expand the search for MWBE firms beyond the usual geographic boundaries.
- q. Other--any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE participation.

Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement. Documentation of Good Faith Efforts are to be submitted with the Bid, if the participation Goal is not met.



MINORITY BUSINESS ENTERPRISE PROGRAM

Marilyn Clark
Minority Business Enterprise Liaison
Division of Central Purchasing
Lexington-Fayette Urban County Government
200 East Main Street
Lexington, KY 40507
mclark@lexingtonky.gov
859-258-3323

OUR MISSION: The mission of the Minority Business Enterprise Program is to facilitate the full participation of minority and women owned businesses in the procurement process and to promote economic inclusion as a business imperative essential to the long term economic viability of Lexington-Fayette Urban County Government.

To that end the city council adopted and implemented resolution 167-91—Disadvantaged Business Enterprise (DBE) 10% Goal Plan in July of 1991. The resolution states in part (a full copy is available in Central Purchasing):

"A Resolution supporting adoption of the administrative plan for a ten percent (10%) Minimum goal for disadvantaged business enterprise participation in Lexington-Fayette Urban County Government construction and professional services contracts; Providing that as part of their bids on LFUCG construction contracts, general Contractors shall make a good faith effort to award at least ten percent (10%) of All subcontracts to disadvantaged business enterprises; providing that divisions of LFUCG shall make a good faith effort to award at least ten percent of their Professional services and other contracts to disadvantaged business enterprises..."

A Disadvantaged Business Enterprise is defined as a business that has been certified as being at least 51% owned, operated and managed by a U.S. Citizen of the following groups:

- African-American
- Hispanic-American
- Asian/Pacific Islander
- Native American/Native Alaskan
- Non-Minority Female
- Economically and Socially Disadvantaged

We have compiled the list below to help you locate certified MBE, WBE and DBE certified businesses. Below is a listing of contacts for LFUCG Certified MWDBEs in Economic Engine (https://lfucg.economicengine.com)

| Business | Contact | Email Address | Phone |
|---------------------------------------|------------------------|------------------------------|--------------|
| LFUCG | Marilyn Clark | mclark@lexingtonky.gov | 859-258-3323 |
| Commerce Lexington – Minority | Tyrone Tyra | ttyra@commercelexington.com | 859-226-1625 |
| Business Development | | | |
| Tri-State Minority Supplier Diversity | Sonya Brown | sbrown@tsmsdc.com | 502-625-0137 |
| Council | | | |
| Small Business Development Council | Dee Dee Harbut | dharbut@uky.edu | |
| | UK SBDC | | |
| | Shiree Mack | smack@uky.edu | |
| Community Ventures Corporation | James Coles | jcoles@cycky.org | 859-231-0054 |
| KY Department of Transportation | Melvin Bynes | Melvin.bynes@ky.gov | 502-564-3601 |
| | Shella Eagle | Shella.Eagle@ky.gov | 502-564-3601 |
| Ohio River Valley Women's | Rea Waldon | rwaldon@gcul.org | 513-487-6534 |
| Business Council (WBENC) | | | |
| Kentucky MWBE Certification Program | Yvette Smith, Kentucky | Yvette.Smith@ky.gov | 502-564-8099 |
| | Finance Cabinet | | |
| National Women Business Owner's | Janet Harris-Lange | janet@nwboc.org | 800-675-5066 |
| Council (NWBOC) | | | |
| Small Business Administration | Robert Coffey | robertcoffey@sba.gov | 502-582-5971 |
| LaVoz de Kentucky | Andres Cruz | lavozdeky@yahoo.com | 859-621-2106 |
| The Key News Journal | Patrice Muhammad | paatricem@keynewsjournal.com | 859-373-9428 |



LFUCG MWDBE PARTICIPATION FORM Bid/RFP/Quote Reference #_____

The MWDBE subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Central Purchasing for approval immediately.

| MWDBE Company, Name, Address, | Work to be Performed | Total Dollar Value of the Work | % Value of Total Contract |
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Title

and false claims.

Company

Company Representative

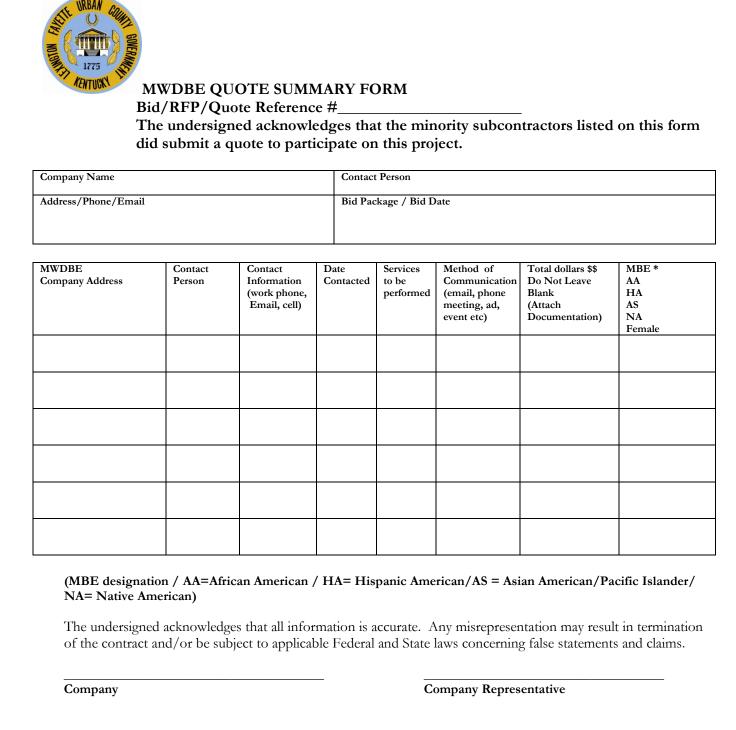
Title



LFUCG MWDBE SUBSTITUTION FORM Bid/RFP/Quote Reference #_____

The substituted MWDBE subcontractors listed below have agreed to participate on this Bid/RFP/Quote. These substitutions were made prior to or after the job was in progress. These substitutions were made for reasons stated below and are now being submitted to Central Purchasing for approval. By the authorized signature of a representative of our company, we understand that this information will be entered into our file for this project.

| SUBSTITUTED MWDBE Company Name, Address, Phone, Email | MWDBE Formally Contracted/ Name, Address, Phone, Email | Work to Be Performed | Reason for the Substitution | Total Dollar Value of the Work | % Value of Total Contract |
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| Company | | Comp | Company Representative | | |
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| Date | | Title | | | |



Date

Title



LFUCG SUBCONTRACTOR MONTHLY PAYMENT REPORT

The LFUCG has a 10% goal plan adopted by city council to increase the participation of minority and women owned businesses in the procurement process. In order to measure that goal LFUCG will track spending with MWDBE vendors on a monthly basis. By the signature below of an authorized company representative, you certify that the information is correct, and that each of the representations set forth below is true. Any misrepresentation may result in termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims. Please submit this form monthly to the Division of Central Purchasing/ 200 East Main Street / Room 338 / Lexington, KY 40507.

| Bid/RFP/ | | | | | | | |
|--|------------------------|--------------------------------|---|--|--|------------------------------------|----------------------------------|
| Total Cont | tract Amou | nt Awarded | to Prime | Contractor f | for this Project_ | | |
| Project Name/ | Contract # | | | Work Period/ Fr | rom: | To: | |
| Company Name | e: | | | Address: | | | |
| Federal Tax ID | : | | | Contact Person: | | | |
| 6.1 | I D | 70 1 | I 0/ - 67F / 1 | 7.1 | D 1 01 | | |
| Subcontractor Vendor ID (name, address, phone, email | Description of Work | Total Subcontract Amount | % of Total Contract Awarded to Prime for this Project | Total Amount Paid for this Period | Purchase Order number for subcontractor work (please attach PO) | Scheduled Project Start Date | Scheduled Project End Date |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| each of the re | presentations | set forth below | is true. Any | misrepresentati | certify that the info ions may result in the false statements and | e termination | |
| Company | | | | Company Rep | resentative | | |
| Date | | | - | Title | | | |

LFUCG STATEMENT OF GOOD FAITH EFFORTS Bid/RFP/Quote #_____

| By the signature below of an authorized company representative, we certify that we have utilized the following Good Faith Efforts to obtain the maximum participation by MWDBE business enterprises on the project and can supply the appropriate documentation. |
|--|
| Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms to participate. |
| Included documentation of advertising in the above publications with the bidders good faith efforts package |
| Attended LFUCG Central Purchasing Economic Inclusion Outreach event |
| Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs of subcontracting opportunities |
| Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms |
| Requested a list of MWDBE subcontractors or suppliers from LFUCG Economic Engine and showed evidence of contacting the companies on the list(s). |
| Contacted organizations that work with MWDBE companies for assistance in finding certified MWBDE firms to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation. |
| Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less that seven (7) days prior to the deadline for submission of bids to allow them to participate effectively. |
| Followed up initial solicitations by contacting MWDBEs to determine their level of interest. |
| Provided the interested MWBDE firm with adequate and timely information about the plans, specifications, and requirements of the contract. |
| Selected portions of the work to be performed by MWDBE firms in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible |

| Date | | Title |
|---------|--|--|
| Company | | Company Representative |
| _ | contract and/or be subject to a | s accurate. Any misrepresentations may result oplicable Federal and State laws concerning |
| | cause for rejection of bid. deemed relevant to this require | documentation requested in this section may be Bidders may include any other documentation rement. Documentation of Good Faith Efforts Bid, if the participation Goal is not met. |
| | • | at the bidder submits which may show that the le good faith efforts to include MWDBE |
| | Made efforts to expand the geographic boundaries. | e search for MWBE firms beyond the usual |
| | obtain the necessary equip | tance to or refer interested MWDBE firms to ment, supplies, materials, insurance and/or equirements of the bid proposal |
| | unacceptable. The fact that perform the contract work sound reason for rejecting a M | reasons why the quotations were considered t the bidder has the ability and/or desire to with its own forces will not be considered a MWDBE quote. Nothing in this provision shall idder to accept unreasonable quotes in order to |
| | firms which were not used de | quotations received from interested MWDBE ue to uncompetitive pricing or were rejected as of responses from firms indicating that they l. |
| | as unqualified without sound | n interested MWDBE firms not rejecting them reasons based on a thorough investigation of ction should be so noted in writing with a ement could not be reached. |
| | | participation, even when the prime contractor work items with its own workforce |

GENERAL PROVISIONS

1. Each Respondent shall comply with all Federal, State & Local regulations concerning this type of service or good.

The Respondent agrees to comply with all statutes, rules, and regulations governing safe and healthful working conditions, including the Occupational Health and Safety Act of 1970, 29 U.S.C. 650 et. seq., as amended, and KRS Chapter 338. The Respondent also agrees to notify the LFUCG in writing immediately upon detection of any unsafe and/or unhealthful working conditions at the job site. The Respondent agrees to indemnify, defend and hold the LFUCG harmless from all penalties, fines or other expenses arising out of the alleged violation of said laws.

- 2. Failure to submit ALL forms and information required in this RFP may be grounds for disqualification.
- 3. Addenda: All addenda, if any, shall be considered in making the proposal, and such addenda shall be made a part of this RFP. Before submitting a proposal, it is incumbent upon each proposer to be informed as to whether any addenda have been issued, and the failure to cover in the bid any such addenda may result in disqualification of that proposal.
- 4. Proposal Reservations: LFUCG reserves the right to reject any or all proposals, 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 a Respondent in the preparation of proposals.
- 6. Changes/Alterations: Respondent 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 proposal, and received by LFUCG prior to the scheduled closing time for receipt of proposals, will be accepted. The proposal, 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 proposal".
- 7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from a Respondent.
- 8. Bribery Clause: By his/her signature on the bid, Respondent 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 Respondent may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the Respondent's response. Additional documentation shall not serve as a substitute for other documentation which is required by this RFP to be submitted with the proposal,
- 10. Ambiguity, Conflict or other Errors in RFP: If a Respondent discovers any ambiguity, conflict, discrepancy, omission or other error in the RFP, 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 this proposal, the Respondent agrees that it has carefully examined the specifications and all provisions relating to the work to be done attached hereto and made part of this proposal. By acceptance of a Contract under this RFP, proposer states that it understands the meaning, intent and requirements of the RFP and agrees to the same. The successful Respondent 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 Respondent shall be authorized for services or expenses reasonably covered under these provisions that the proposer omits from its Proposal.
- 12. Cancellation: If the services to be performed hereunder by the Respondent are not performed in an acceptable manner to the LFUCG, the LFUCG may cancel this contract for cause by providing written notice to the proposer, giving at least thirty (30) days notice of the proposed cancellation and the reasons for same. During that time period, the proposer may seek to bring the performance of services hereunder to a level that is acceptable to the LFUCG, and the LFUCG may rescind the cancellation if such action is in its best interest.

A. Termination for Cause

- (1) LFUCG may terminate a contract because of the contractor's failure to perform its contractual duties
- (2) If a contractor is determined to be in default, LFUCG shall notify the contractor of the determination in writing, and may include a specified date by which the contractor shall cure the identified deficiencies. LFUCG may proceed with termination if the contractor fails to cure the deficiencies within the specified time.
- (3) A default in performance by a contractor for which a contract may be terminated shall include, but shall not necessarily be limited to:
 - (a) Failure to perform the contract according to its terms,

- conditions and specifications;
- (b) Failure to make delivery within the time specified or according to a delivery schedule fixed by the contract;
- (c) Late payment or nonpayment of bills for labor, materials, supplies, or equipment furnished in connection with a contract for construction services as evidenced by mechanics' liens filed pursuant to the provisions of KRS Chapter 376, or letters of indebtedness received from creditors by the purchasing agency;
- (d) Failure to diligently advance the work under a contract for construction services:
- (e) The filing of a bankruptcy petition by or against the contractor; or
- (f) Actions that endanger the health, safely or welfare of the LFUCG or its citizens.

B. At Will Termination

Notwithstanding the above provisions, the LFUCG may terminate this contract at will in accordance with the law upon providing thirty (30) days written notice of that intent, 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 contractor shall not assign or subcontract any portion of the Contract 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 Contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
- 15. Authority to do Business: The Respondent must be a duly organized and authorized to do business under the laws of Kentucky. Respondent must be in good standing and have full legal capacity to provide the services specified under this Contract. The Respondent must have all necessary right and lawful authority to enter into this Contract for the full term hereof and that proper corporate or other action has been duly taken authorizing the Respondent to enter into this

Contract. The Respondent will provide LFUCG with a copy of a corporate resolution authorizing this action and a letter from an attorney confirming that the proposer is authorized to do business in the State of Kentucky if requested. All proposals must be signed by a duly authorized officer, agent or employee of the Respondent.

- 16. Governing Law: This 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 Contract, the Parties agree that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division. All parties expressly consent to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to this Contract or any rights or obligations arising thereunder. Service of process may be accomplished by following the procedures prescribed by law.
- 17. Ability to Meet Obligations: Respondent affirmatively states that there are no actions, suits or proceedings of any kind pending against Respondent or, to the knowledge of the Respondent, threatened against the Respondent 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 Respondent to perform its obligations under this Contract, or which question the legality, validity or enforceability hereof or thereof.
- 18. Contractor understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Contractor is an independent contractor at all times during the performance of the services specified.

| 19. | If any term or provision of this Contract shall be found to be illegal of | ٦ſ |
|-----|---|----|
| | unenforceable, the remainder of the contract shall remain in full force and suc | ;h |
| | term or provision shall be deemed stricken. | |
| | | |

| Signature | Date |
|-----------|------|

RISK MANAGEMENT PROVISIONS INSURANCE AND INDEMNIFICATION

INDEMNIFICATION AND HOLD HARMLESS PROVISION

- (1) It is understood and agreed by the parties that Vendor hereby assumes the entire responsibility and liability for any and all damages to persons or property caused by or resulting from or arising out of any act or omission on the part of Vendor or its employees, agents, servants, owners, principals, licensees, assigns or subcontractors of any tier (hereinafter "Vendor") under or in connection with this agreement and/or the provision of goods or services and the performance or failure to perform any work required thereby.
- Vendor shall indemnify, save, hold harmless and defend the Lexington-Fayette Urban County Government and its elected and appointed officials, employees, agents, volunteers, and successors in interest (hereinafter "LFUCG") from and against all liability, damages, and losses, including but not limited to, demands, claims, obligations, causes of action, judgments, penalties, fines, liens, costs, expenses, interest, defense costs and reasonable attorney's fees that are in any way incidental to or connected with, or that arise or are alleged to have arisen, directly or indirectly, from or by Vendor's performance or breach of the agreement and/or the provision of goods or services provided that: (a) it is attributable to personal injury, bodily injury, sickness, or death, or to injury to or destruction of property (including the loss of use resulting therefrom), or to or from the negligent acts, errors or omissions or willful misconduct of the Vendor; and (b) not caused solely by the active negligence or willful misconduct of LFUCG.
- (3) In the event LFUCG is alleged to be liable based upon the above, Vendor shall defend such allegations and shall bear all costs, fees and expenses of such defense, including but not limited to, all reasonable attorneys' fees and expenses, court costs, and expert witness fees and expenses, using attorneys approved in writing by LFUCG, which approval shall not be unreasonably withheld.
- (4) These provisions shall in no way be limited by any financial responsibility or insurance requirements, and shall survive the termination of this agreement.
- (5) LFUCG is a political subdivision of the Commonwealth of Kentucky. Vendor acknowledges and agrees that LFUCG is unable to provide indemnity or otherwise save, hold harmless, or defend the Vendor in any manner.

FINANCIAL RESPONSIBILITY

BIDDER/VENDOR understands and agrees that it shall, prior to final acceptance of its bid and the commencement of any work, demonstrate the ability to assure compliance with the above Indemnity provisions and these other risk management provisions.

INSURANCE REQUIREMENTS

YOUR ATTENTION IS DIRECTED TO THE INSURANCE REQUIREMENTS BELOW, AAND YOU MAY NEED TO CONFER WITH YOUR INSURANCE AGENTS, BROKERS, OR CARRIERS TO DETERMINE IN ADVANCE OF SUBMISSION OF A RESPONSE THE AVAILABILITY OF THE INSURANCE COVERAGES AND ENDORSEMENTS REQUIRED HEREIN. IF YOU FAIL TO COMPLY WITH THE INSURANCE REQUIREMENTS BELOW, YOU MAY BE DISQUALIFIED FROM AWARD OF THE CONTRACT.

Required Insurance Coverage

Vendor shall procure and maintain for the duration of this contract the following or equivalent insurance policies at no less than the limits shown below and cause its subcontractors to maintain similar insurance with limits acceptable to LFUCG in order to protect LFUCG against claims for injuries to persons or damages to property which may arise from or in connection with the provision of equipment or goods or the performance of the work or services hereunder by Vendor. The cost of such insurance shall be included in any bid:

| Coverage | <u>Limits</u> |
|---|--|
| General Liability (Insurance Services Office Form CG 00 01) | \$1 million per occurrence, \$2 million aggregate or \$2 million combined single limit |
| Commercial Automobile Liability (Insurance Services Office Form CA 0001) | combined single, \$1 million per occurrence |
| Professional Liability | \$1,000,000 |
| Worker's Compensation | Statutory |
| Employer's Liability | \$500,000.00 |

The policies above shall contain the following conditions:

- a. All Certificates of Insurance forms used by the insurance carrier shall be properly filed and approved by the Department of Insurance for the Commonwealth of Kentucky. LFUCG shall be named as an additional insured in the General Liability Policy and Commercial Automobile Liability Policy using the Kentucky DOI approved forms.
- b. The General Liability Policy shall be primary to any insurance or self-insurance retained by LFUCG.
- c. The General Liability Policy shall have a Professional Liability endorsement (including Errors and Omissions) for any services performed pursuant to the contract, and/or a separate Professional Liability Policy shall be obtained unless it is deemed not to apply by OWNER.

- d. The Professional Liability policy shall be maintained for a minimum of three years beyond the completion date of the contract, to the extent commercially available. If not commercially available, CONTRACTOR shall notify OWNER and obtain similar insurance that is commercially available and acceptable to OWNER, unless OWNER waives requirement.
- e. LFUCG shall be provided at least 30 days advance written notice via certified mail, return receipt requested, in the event any of the required policies are canceled or non-renewed.
- f. Said coverage shall be written by insurers acceptable to LFUCG and shall be in a form acceptable to LFUCG. Insurance placed with insurers with a rating classification of no less than Excellent (A or A-) and a financial size category of no less than VIII, as defined by the most current Best's Key Rating Guide shall be deemed automatically acceptable.

Renewals

After insurance has been approved by LFUCG, evidence of renewal of an expiring policy must be submitted to LFUCG, and may be submitted on a manually signed renewal endorsement form. If the policy or carrier has changed, however, new evidence of coverage must be submitted in accordance with these Insurance Requirements.

Deductibles and Self-Insured Programs

TO LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, DIVISION OF RISK MANAGEMENT, 200 EAST MAIN STREET, LEXINGTON, KENTUCKY 40507 NO LATER THAN A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO THE RESPONSE DATE. Self-insurance programs, deductibles, and self-insured retentions in insurance policies are subject to separate approval by Lexington-Fayette Urban County Government's Division of Risk Management, upon review of evidence of Vendor's financial capacity to respond to claims. Any such programs or retentions must provide LFUCG with at least the same protection from liability and defense of suits as would be afforded by first-dollar insurance coverage. If Vendor satisfies any portion of the insurance requirements through deductibles, self-insurance programs, or self-insured retentions, Vendor agrees to provide Lexington-Fayette Urban County Government, Division of Risk Management, the following data prior to the final acceptance of bid and the commencement of any work:

- a. Latest audited financial statement, including auditor's notes.
- b. Any records of any self-insured trust fund plan or policy and related accounting statements.
- c. Actuarial funding reports or retained losses.
- d. Risk Management Manual or a description of the self-insurance and risk management program.
- e. A claim loss run summary for the previous five (5) years.
- f. Self-Insured Associations will be considered.

Verification of Coverage

Vendor agrees to furnish LFUCG with all applicable Certificates of Insurance signed by a person authorized by the insurer to bind coverage on its behalf prior to final award, and if requested, shall provide LFUCG copies of all insurance policies, including all endorsements.

Right to Review, Audit and Inspect

Vendor understands and agrees that LFUCG may review, audit and inspect any and all of its records and operations to insure compliance with these Insurance Requirements.

DEFAULT

Vendor understands and agrees that the failure to comply with any of these insurance, safety, or loss control provisions shall constitute default and that LFUCG may elect at its option any single remedy or penalty or any combination of remedies and penalties, as available, including but not limited to purchasing insurance and charging Vendor for any such insurance premiums purchased, or suspending or terminating the work.

00389412

Scope of Engineering Services

Floodplain Analysis Study for

Town Branch to New Circle Road

This Scope of Engineering Services provides a minimum set of guidelines, tasks, and activities for the preparation of a Floodplain Analysis Study to document the extent of flooding and flood risk for the storm events and stream areas designated below and shown in the attached *Map of Watershed Study Limits*.

General Study Description

The goals of the LFUCG are to evaluate and document the extent of flooding through Field Survey, and Hydrologic and Hydraulic Data Analysis (H&H). This analysis includes a re-study of an existing National Flood Insurance Program (NFIP) Study and must be completed to NFIP and FEMA minimum standards. Depending on the outcome of the H&H analysis (i.e, the resulting flood elevations), work may include preparation and submission of all filings necessary for a letter of map revision (LOMR). Furthermore, this analysis shall verify historic community reporting and attempt to identify additional or undocumented flooding due to the results of a storm event of 25 year – 24 hour magnitude (4-percent-annual-chance event) or less and identify structures and streets flooding during such events.

The primary objective of this Study is to delineate the floodplain along the Town Branch from the culvert discharge near Jefferson Street to the culvert at New Circle Road (see attached *Map of Watershed Study Limits*), compare it to the existing floodplain delineation and if warranted, file a FEMA LOMR. The secondary objective is to identify, evaluate and quantify potential flood hazards within the project area.

The Consultant, with these goals in mind, shall perform the professional services hereinafter stated which include customary civil engineering services, H&H modeling, and surveying, as related to the analysis of stormwater flooding in the area specified in this Scope.

Published Resources

The Consultant should be or become familiar with the following materials. Hard copies of these materials are available for review at the LFUCG Division of Engineering, 101 E. Vine Street, 4th Floor, Lexington, KY 40507.

- a. Latest FEMA FIS, mapping;
- b. FEMA HEC-2 Water Surface Profiling Town Branch;
- c. LFUCG Flood Insurance Study, 210067, V001B thru V004B, March, 2014
 Copies can also be obtained from the FEMA Map Service Center at http://tinyurl.com/pxzsa7z;

- d. Engineering designs or drainage studies completed for new developments within the last 20 years and on file with the LFUCG Engineering Department's New Development Section which created detention storage areas that have over 25 acres of contributing drainage area;
- e. Town Branch Culvert System Investigation Study Report, Parsons Brinkerhoff, February, 2000.
- f. Stormwater Management Evaluation (Volumes 1 & 2), PDR Engineers, August, 1993;
- g. The Lexington Civic Center Expansion Upper Town Branch Watershed & Culvert Analysis, Rayyan and Lyon, 1991; and
- h. Existing Facilities and Problem Area Maps, Phase 1 Storm Drainage Master Plan, LFUCG, April, 1983, Kennoy Engineers, Inc.
- i. Precipitation Event of August 10, 2014 Record of Field Reconnaissance and related Data Collection.

Scope of Services

1. Conduct Field Survey

- a. Conduct a detailed pre-survey field reconnaissance of the specific study area to determine conditions along the floodplain(s), types and numbers of hydraulic and/or flood-control structures, condition and apparent maintenance or lack thereof of existing hydraulic structures, locations of cross sections to be surveyed, and if appropriate, identify calibration targets and other parameters needed for the hydrologic and hydraulic analyses.
- b. Identify and contact property owners in targeted areas to conduct flooding surveys. Survey questionnaires should be developed and targeted at long-time (10 years or more verified through PVA data) owners of property located in the Town Branch floodplain or immediate adjoining areas with hydraulic controls that could provide/support information for calibration such as photos, testimonies or past insurance claims. At a minimum, the questionnaire should incorporate the items in the attached *Storm Drainage and Flooding Questionnaire* template.
- c. Coordinate with LFUCG-GIS and/or state resources to obtain and utilize existing mapping data including aerials, streets, storm sewers, topographic and LiDAR data as available.
- d. Conduct field surveys, including obtaining channel and floodplain cross sections, major roadway and stream bed profiles, identifying or establishing temporary or permanent bench marks, and obtaining the physical dimensions of hydraulic and flood-control structures.
- e. Meetings:

The Field Survey project phase shall include at a minimum the following meetings:

 An Initial Project Review Meeting with LFUCG to discuss the project scope, project objectives, a stream gauging plan and associated material and installation costs, and Consultant's overall approach; and ii. A Field Survey Deliverable Meeting with LFUCG to present the findings and discuss any possible concerns with any of the data relative to the hydraulic modeling.

f. Deliverables:

- i. A report summarizing the findings of the review and field reconnaissance;
- ii. Maps and drawings that provide the detailed survey results including survey cross section and structure data;
- iii. Map of proposed sub-basins, for LFUCG approval;
- iv. Documentation of the horizontal and vertical datum;
- v. Digital survey data;
- vi. Digital photos of structures and cross sections; and
- vii. Support documentation and Certification of Work.

2. Purchase, Install and Monitor Stream Gauges

This task entails furnishing, installing and monitoring stream gauges within the study area, of sufficient number and duration to develop suitable data to calibrate the model for purposes of LOMR accuracy. Work shall include the following:

- a. Prepare gauging plan and determine costs.
 - i. Identify locations along the Town Branch between Jefferson Street and New Circle Road for placement of stream depth gauges.
 - ii. Present stream gauging plan and detailed cost of materials and installation to LFUCG for review and approval. Note: LFUCG shall provide an allowance of \$25,000 for the material and installation of the stream gauges. Furthermore, all equipment installed shall become the property of LFUCG. An example of an acceptable steam gauging system is a Xylem Water Log H-3123-15-50 submersible pressure/temperature transducer coupled with a WaterLog Storm 3-02-TK Data Logger.
- b. Furnish and install stream gauges.
- c. Maintain gauging stations, providing monthly inspections or as needed to insure the integrity of the units. Provide monthly data summaries to LFUCG of daily peak stage stream elevations for each gauging station.

3. Develop Hydrologic Data

- a. Perform hydrologic analyses from the upper reaches of the Town Branch Watershed to New Circle Road (see attached *Map of Watershed Study Limits*), including the elements listed below.
 - Calculate peak flood discharges for the targeted calibration event and the 10-, 2-, 1-, and 0.2-percent-annual-chance events using the most current HEC-HMS computer program.
 - ii. Utilize USGS regression equations for comparison to actual calibrated events, The following USGS National Water Information System website may

be used as a data source: http://tinyurl.com/krhxycf. The closest downstream USGS gauging site on the Town Branch is at the following: http://tinyurl.com/lryyxtd. Other data that may be evaluated by the consultant and used if deemed appropriate include Manchester Street staff gauge records and Government Center roof precipitation gauge records.

- iii. Address all concerns or questions raised by LFUCG regarding the hydrologic analyses review for technical adequacy, completeness of required information, and supporting data and documentation. The technical review is to focus on the following:
 - Use of appropriate, and/or model-recommended methodology(ies) including but not limited to peak flow rates and routing of such flows;
 - Sub-basin delineation into adequate, representative basins focused on points of interest and up to 80 acres maximum (average 20 – 50 acres):
 - Correctly applied methodology(ies)/model(s), including QC of input parameters;
 - Calibration basis, differences and justification; comparison with regression equations, justification for adjustment of physical parameters and global parameter adjustments are within acceptable ranges: and
 - A sensitivity analysis of key input parameters.

b. Deliverables:

- i. Digital copies of all hydrologic modeling (input and output) files for the calculated events geo-referenced to Kentucky North Zone, NAD 83.;
- ii. Digital Summary of Discharges Tables presenting discharge data for the flooding sources for which hydrologic analyses were performed;
- iii. Digital versions of all backup data used in the analysis including work maps;
- iv. For GIS-based modeling, deliverables shall include all input and output data, and GIS data layers; and
- v. Summary of the hydrologic analysis and calibration adjustments for the study area identified. Summary shall document the selected basin model criteria, meterologic model criteria and control specifications.

4. Develop Hydraulic Data

- a. Perform hydraulic analyses encompassing the upper reaches of the Town Branch Watershed to New Circle Road (see attached *Map of Watershed Study Limits*), :
 - i. The modeling shall include all events based on peak discharges computed under Hydrologic Analyses.
 - ii. Incorporate all cross-section and field data collected under Field Survey as appropriate, to perform the hydraulic analyses. The hydraulic analyses will be used to establish flood elevations for the subject flooding sources.
 - iii. The hydraulic methods used for this analysis will include step backwater calculations performed using the latest approved version of the US Army Corps of Engineers Hydraulic Engineering Center River Analysis System (HEC-RAS) computer model.
 - iv. Determine the floodway limits by encroachment analysis that meets KYDOW, NFIP and FEMA minimum standards.

- v. Verify the reasonableness of the hydraulic analyses using the cHECk-RAS checking program and provide explanations for unresolved program messages.
- vi. Address all concerns or questions regarding the hydraulic analyses review for technical adequacy, completeness of required information, and supporting data and documentation. The technical review is to focus on the following:
 - Starting water-surface elevations;
 - Cross-section geometry, adequacy (maximum 500' between cross sections, average 300'-400') and representative of changes in slope, discharge, shape, etc.:
 - Manning's "n" values and expansion/contraction coefficients;
 - Bridge and culvert modeling;
 - Flood discharges, storage (where contributing area is equivalent or greater than average sub-basin) and ineffective (near zero velocity) areas;
 - Tie-in to upstream and downstream non-revised Flood Profiles;
 - Calibration basis, differences and justification; comparison with regression equations, justification for adjustment of physical parameters and global parameter adjustments are within acceptable ranges; and
 - Sensitivity analysis of key input parameters.

b. Meetings

- i. The Consultant shall facilitate a Technical Review Meeting to discuss the modeling methodology used, present the findings, and identify any areas of concern with respect to the accuracy of the model.
- ii. The Consultant shall prepare a presentation for a LFUCG Council Work Session, focusing on the outcome of the study and the impact to existing and future development, particularly in the Distillery District.

c. Deliverables:

- i. Digital profiles of all the calculated events using the FEMA RASPLOT program or similar software:
- ii. Digital hydraulic modeling (input and output) files geo-referenced to the coordinate system most commonly used by LFUCG;
- iii. Digital tables with range of Manning's "n" values;
- iv. Explanations for unresolved messages from the cHECk-RAS program;
- v. Digital versions of all backup data used in the analyses;
- vi. Flood boundary maps for the 4- and 1-percent-annual-chance events on LFUCG-GIS dataset using acceptable automatic mapping techniques to the backwater elevation of unmapped tributaries.
- vii. Provide table describing unrestricted flow capacity (non-overtopping flow) at all public roadway crossing structures (New Circle Road, Jimmie Campbell Drive, Roy H. Mardis Drive, S. Forbes Road, Manchester Street 2 locations), railroad spur (opposite Pyramid Park) in terms of percent-annual-chance-event the structure can pass before overtopping.
- viii. A Draft Summary Report that describes and provides the results of all questions raised during the technical review

- ix. A Final Report addressing LFUCG and other shareholder comments regarding the Draft Summary Report (report shall be furnished in both hard-copy and pdf format);
- x. For GIS-based modeling, deliverables include all input and output data, GIS data layers, and final products in the format of the FIRM database structure; and
- xi. Where paper documentation is required by State Law for Professional certifications, consultant shall submit the paper in addition to a scanned version of the paper for the digital record.

5. Prepare and Respond to FEMA Submittal

Based on the outcome of the H&H Analysis (i.e, the resulting flood elevations), LFUCG may decide to pursue a floodplain boundary revision. If so, the Consultant shall perform the following tasks:

- a. Prepare all required documentation for a LOMR to FEMA;
- b. Respond to all questions and requests for additional information; and
- c. Attend meetings as needed.

Any related review fees shall be paid by the Consultant.

If this task is not required, the professional services contract will be amended accordingly.

Schedule

This project shall be conducted in three phases. The first phase shall include all activities defined and listed above for Scope Items 1 and 2 which shall not exceed 60 days after the Consultant has received a written Notice to Proceed. It is imperative that the stream gauging equipment be ordered promptly and be installed upon delivery. Phase 1 will not be considered complete until the gauges are installed and operating.

An indefinite interim period shall precede the second phase during which stream gauge data will be collected. Once the Consultant has concluded (and LFUCG has concurred) sufficient storm events have occurred to accurately calibrate the model, the Consultant will receive a written notification to proceed with the second phase.

The second phase shall include all activities defined and listed above for Scope Items 3 and 4, the duration of which shall not exceed 120 calendar days after the Consultant has received a written Notice to Proceed.

The third phase, if requested by LFUCG, shall include all activities defined and listed above for Scope Item 5, the duration of which shall not exceed 30 days for the preparation of the initial documents, and 14 days to respond to questions or requests for additional information.

Extension of the duration of any of these phases will be at the sole discretion of the Division of Engineering, and requests for extensions by the Consultant shall be in writing and considered only for additional major activities not included in this document. The following schedule is provided as a basis for task deadlines, beginning after the Notice to Proceed for each respective phase, and will remain in effect until a replacement schedule is approved in writing by LFUCG-DOE.

| Task Schedule - Phase 1: Data Collection and Review | Calendar |
|--|---------------------------|
| Initial Project Review Meeting | 10 days |
| Order Stream Gauges | 15 days |
| Field Survey Deliverable Meeting | 60 days |
| Establish Data Set for Modeling | indefinite |
| Task Schedule - Phase 2: Modeling | Calendar |
| H&H Technical Review Meeting | 60 days |
| Complete Draft Summary Report (LFUCG to respond within 15 days) | 90 days |
| Complete Final Report and submit all deliverables for final review | 120 days |
| Task Schedule - Phase 3: FEMA LOMR | Calendar |
| Prepare LOMR and related attachments to FEMA | 30 days |
| Respond to FEMA questions/requests for additional information | Within 14 days of request |

Proposal Format and Selection Criteria

- 1. At a minimum, proposals shall include the following:
 - a. Project Approach (include preliminary concept for stream gauge location(s), installation and monitoring);
 - b. Firm Qualifications:
 - c. Project Team;
 - d. Client List with contact information for which similar work has been performed;
 - e. A completed *Related Projects Chart* (see attached) of similar studies and filings with FEMA (in which one or more project team members were substantially involved);
 - f. A completed Professional Services Pricing Sheet (see attached); and
 - g. Hourly Rate Schedule.

Proposals shall be limited to a maximum of 20 pages.

- 2. Selection of a Consultant for this Study shall be based on the following weighted criteria:
 - a. Specialized experience and technical competence of the person or firm with respect to data collection, the specified hydrologic and hydraulic modeling, report preparation to convey the meaning and impacts of the technical analysis and preparation of a FEMA LOMR. 30 Points
 - b. Character, integrity, reputation, judgment, experience and efficiency of the person or firm based on past or current work with LFUCG and/or referenced clients. 15 Points
 - c. Past record and performance on contracts with the LFUCG or other governmental agencies and private industry with respect to such factors as control of cost, quality of work and ability to meet schedules. 15 Points
 - d. Familiarity with the details of the project. 10 Points
 - e. Degree of local employment to be provided by the Consultant. 10 Points
 - f. Estimated Cost of Services. 20 Points
 Note: Excessively high or low estimates will result in a score of 1 for this category.
 - 3. Three to five of the highest scoring firms will be short listed, and invited to make a formal presentation to the selection committee. The presentation will be an opportunity to introduce key project personnel, discuss project understanding and approach, recommended a stream monitoring plan, discuss model calibration methodology, and address any other criteria the candidate feels is pertinent.

Following the presentations, the selection committee will proceed to either directly rank the consultants or to request additional interview(s) and/or written clarifications before making a final ranking. Rankings will be based on the selection criteria noted above in conjunction with the content and quality of their presentations and any follow-up discussions.

Attachments:

- 1. Map of Study Area, Upper Town Branch Drainage Basin
- 2. Storm Drainage & Flooding Questionnaire (Template)
- 3. Related Project Chart
- 4. Professional Services Pricing Sheet





Storm Drainage & Flooding Questionnaire

Dear Resident:

The LFUCG is investigating flooding problems along the Town Branch and the neighboring area. You may have been contacted in the past, so please bear with us as we update our information. Your response can provide valuable information, even if you are not affected.

| Please | lease complete the survey and return in the stamped envelope. Thank you for your assistance. | |
|------------------------|--|--|
| Name | :: | |
| Comp | lete Address: | |
| How lo | ong have you lived at/occupied this address? | |
| 1. | Has your property ever flooded during or after a storm? Yes No If Yes, please answer the following: | |
| | Can you describe how deep the flood waters reached? If your home/building flooded, what part of the dwelling was affected? (basement? first floor? crawl space?) Please be specific. Any dates and indication of maximum water depth would be helpful. | |
| | While you have occupied this property, how many times has it flooded? Once: Twice: 5 times: 10 or more times: | |
| 3. | Does your street flood? Yes No No If so, can cars pass? Yes No I | |
| If you | answered Yes to Questions 1 or 2, we would like to contact you for more information. | |
| • | ve call you or visit? Please circle one: Y N best number to reach you: | |
| Best w | vay and time to reach you: | |
| Feel fr | ree to add any additional comments to the back of this page. | |
| Signat | ture Date | |

Lexington-Fayette Urban County Government RFP #47-2014 – Request for Proposal for: Floodplain Analysis for Town Branch to New Circle Road

Related Projects Chart: In-House

Instructions: Complete the chart below for the five (5) most recent projects involving floodplain studies performed by key personnel <a href="https://www.will.be/will

| Project Title | |
|----------------------------|------------------|
| Client Name | |
| Project Description | |
| Client Contract | phone |
| Stream Gauge Monitoring? | FEMA LOMR? |
| Date Completed | Project Duration |
| Professional Services Cost | |
| Project Manager | % Contribution |
| Lead Project Engineer | % Contribution |
| Other Key Personnel | % Contribution |

| Project Title | |
|----------------------------|------------------|
| Client Name | |
| Project Description | |
| Client Contract | phone |
| Stream Gauge Monitoring? | FEMA LOMR? |
| Date Completed | Project Duration |
| Professional Services Cost | |
| Project Manager | % Contribution |
| Lead Project Engineer | % Contribution |
| Other Key Personnel | % Contribution |

| Project Title | |
|----------------------------|------------------|
| Client Name | |
| Project Description | |
| Client Contract | phone |
| Stream Gauge Monitoring? | FEMA LOMR? |
| Date Completed | Project Duration |
| Professional Services Cost | |
| Project Manager | % Contribution |
| Lead Project Engineer | % Contribution |
| Other Key Personnel | % Contribution |

Lexington-Fayette Urban County Government RFP #47-2014 – Request for Proposal for:

Floodplain Analysis for Town Branch to New Circle Road

Related Projects Chart: Work Performed Under Prior Employment by Key Personnel

This chart may be used if key personnel performed work similar to this project, under a previous employer.

Follow instructions as described on "Related Projects Chart: In-House"

| Project Title | |
|----------------------------|------------------|
| Client Name | |
| Project Description | |
| Client Contract | phone |
| Stream Gauge Monitoring? | FEMA LOMR? |
| Date Completed | Project Duration |
| Professional Services Cost | |
| Employee | Prior Employer |
| Employee Title/Function | % Contribution |

| Project Title | |
|----------------------------|------------------|
| Client Name | |
| Project Description | |
| Client Contract | phone |
| Stream Gauge Monitoring? | FEMA LOMR? |
| Date Completed | Project Duration |
| Professional Services Cost | |
| Employee | Prior Employer |
| Employee Title/Function | % Contribution |

| Project Title | |
|----------------------------|------------------|
| Client Name | |
| Project Description | |
| Client Contract | phone |
| Stream Gauge Monitoring? | FEMA LOMR? |
| Date Completed | Project Duration |
| Professional Services Cost | |
| Employee | Prior Employer |
| Employee Title/Function | % Contribution |

Lexington-Fayette Urban County Government RFP #47-2014 – Request for Proposal for: Floodplain Analysis for Town Branch to New Circle Road

Professional Services Pricing Sheet

| | | lask | Estimated Cost | |
|----|---------------------------------------|--|----------------|----|
| 1. | Co | onduct Field Survey | | |
| | a. | Field reconnaissance | \$ | |
| | b. | Survey property owners | | |
| | c. | Obtain mapping | | |
| | d. | Field survey | | |
| | e. | Meetings | | |
| | f. | Prepare and furnish deliverables | | |
| | | Task Subtotal | | \$ |
| | | | | |
| 2. | Рι | rchase, Install and Monitor Stream Gauges | | |
| | a. | Prepare gauging plan and determine costs | | • |
| | b. | Purchase and install stream gauges (allowance) | 25,000 | • |
| | c. | Maintain gauges and provide monthly summaries | | • |
| | | Task Subtotal | | |
| | | | | |
| 3. | 1 , 0 | | | |
| | | Perform hydrological analysis | | |
| | b. | Prepare and furnish deliverables | | |
| | | Task Subtotal | | |
| 1 | Da | evelop Hydraulic Data | | |
| 4. | | Perform hydraulic analysis | | |
| | | Meetings | | • |
| | | Prepare and furnish deliverables | | • |
| | C. | Task Subtotal | | • |
| | | rask Subtotal | | |
| 5. | Prepare and Respond to FEMA Submittal | | | |
| | a. | Prepare and submit LOMR | | |
| | b. | Respond to questions/info requests | | |
| | c. | Meetings | | |
| | | Fees | | |
| | | Task Subtotal | | |
| | | | | |

Total Estimated Cost of Professional Services