



Shelby County

Tennessee

Mark H. Luttrell, Jr., Mayor

Request for Qualifications Shelby County Government Purchasing Department

160 N. Main, Suite 900
Memphis, TN 38103

Issued: May 18, 2016

Due: June 21, 2016 no later than 2:00 P.M. (Central Standard Time)

RFQ #16-005-74

MAJOR DRAINAGE BASINS

HYDRAULIC MODEL

Shelby County Government, Tennessee, an Equal Opportunity, Affirmative Action Employer, seeks to retain the services of up to three engineering consulting firms to provide professional services to provide HEC-RAS models of the three major drainage Basins in Shelby County. This Model is one part of the Regional Resilience Plan approved by the HUD Resilience competition. One firm will be designated as the lead firm who will establish the standard methodology for the model and format of a final report. Qualified Section 3 Business Concerns are encouraged to apply for the project.

This notification and any future information regarding this RFQ is and will be located on the County's website at www.shelbycountyttn.gov. At the top of the home page, click on the links "Department", "P" for the Purchasing Department and "Bids" to locate the name of the above-described Request For Qualifications. Based on an evaluation of responses to this RFQ, one or more firms/consultants will be selected and invited to participate in further discussions and negotiation of a contract for the requested services.

I. INTRODUCTION

Shelby County Government, Tennessee, an Equal Opportunity, Affirmative Action Employer, seeks to retain the services of up to three engineering consulting firms to provide professional services to provide HEC-RAS models of the three major drainage Basins in Shelby County. This Model is one part of the Regional Resilience Plan approved by the HUD Resilience competition. One firm will be designated as the lead firm who will establish the standard methodology for the model and format of a final report. Qualified Section 3 Business Concerns are encouraged to apply for the project.

Interested consultants should submit a Letter of Interest and Statement of Qualifications related to the services requested by the RFQ specifications. Based on an evaluation of responses to this RFQ, one or more firms/consultants will be selected and invited to participate in further discussions and negotiation of a contract for the requested services.

Please Note: As a part of doing business with Shelby County, each individual, company, or organization is required to obtain an “Equal Opportunity Compliance” certification number prior to submitting your response.

You can access the online applications to receive the numbers indicated above at www.shelbycountyttn.gov. To obtain a vendor number and an EOC number, please follow the instructions below:

Vendor Number (Purchasing Department)

At the top of the home page, click on the links “Department”, “P” for the Purchasing Department and “Conducting Business with Shelby County”. The “Vendor Registration” link is at the bottom of the drop down box. Please download the application instructions and read thoroughly prior to accessing the application. (*Applications for a vendor number are accepted online only.*)

Equal Opportunity Compliance (EOC) Number (EOC Administration Office)

At the top of the home page, click on the links “Department”, “E” for the Equal Opportunity Compliance and “Contract Compliance Program”. The “Contract Compliance Packet” link is in the middle of the page. Please print the packet and mail or fax the completed packet to the EOC office. The mailing address is 160 N. Main Street, Suite 200, Memphis, TN 38103. The fax number is 901-222-1101.

Note: Because of the length of time it takes to apply and receive an EOC number, vendors who apply prior to the RFQ due date, bid will be accepted pending EOC approval of their application.

If you have any questions regarding the application, you may contact Purchasing at (901)222-2250 or the EOC Administration at (901) 222-1100.

II. MINIMUM REQUIREMENTS

All proposers must:

- Possess a professional license to practice engineering in the State of Tennessee.
- Have at least 10 years of experience and staff expertise in design and construction administration of commercial facilities with emphasis on design of office building, office space efficiency, and energy efficiency.
- Adhere to all Title VI requirements and provide proof/documentation.
- Adhere to the requirements of certified Locally Owned Small Business (LOSB) participation. Project goal is **100%** participation.
- Adhere to HUD Section 3 requirements.
- Prime and LOSB contractors must apply and qualify for an Equal Opportunity Compliance (EOC) certification number through our EOC Administration prior to submitting response.
- Independent contractors (sole proprietors) must adhere to State of Tennessee Public Chapter No. 436, known as the “Tennessee Lawful Employment Act” (effective date of 1/1/2012). Proof and documentation of employment eligibility must be included with the proposal.
- Adhere to all insurance requirements and provide documentation. Insurance requirement subject to change.

Disclosure of Proposal Contents

All correspondence, proposals and questions concerning the RFQ are to be submitted to:

**Tosha Davenport, Purchasing Specialist
Shelby County Government
160 N. Main St. Suite 900
Memphis, TN 38103
(901) 222-2250**

III. General Information:

Resilience Proposal: One of first steps in the regional planning effort is the development of a HEC-RAS model of the Loosahatchie, Wolf, and Nonconnah drainage basins, including their major tributaries extending in adjoining counties and states (Tipton County, TN, Fayette County, TN, DeSoto County, MS). This model will be used to provide information on the effect a wetland or retainage basin upstream would have on the potential flooding in the lower portions of the drainage basin. This model will be invaluable in leveraging the development of future green space and wetlands with the long term effect of reducing flooding in the areas with the most vulnerable populations.

The model will also be used to provide an estimated water elevation with varying rain events, which will be a tool to assist in the prediction of cost from future flood events, including influence of a changing climate. By incorporating forecast of short duration, high intensity rainfall in a given area, the HEC-RAS model can be used as a tool to provide a map of the potential areas which are most subject to flooding prior to storm events. This will allow the county to recommend future projects that can serve to minimize the effect of severe storms and flood and maximize the ability to recover.

IV. Project Scope:

I. The engineering consultant will provide the following services:

A. Data Collection

The consultant will utilize available GIS data to delineate the drainage basins and slopes. The consultant will field survey the Channels at select locations. This data will be used in conjunction with FEMA data, and bridge data to develop channel cross sections. The Consultant will also collect calculated flood elevations from FEMA and available gauge data from the USGS gauges. The Consultant will review studies from the various agencies including; NRCS, TDEC, Army Corps of Engineers, United States Department of Agriculture Natural Resource Conservation Service, and other local and regional organizations.

B. Hydrology Inflow Determination

The consultant will calculate inflows from the sub-basins for the 100-year, 24-hour and 500-year, 24-hour theoretical storm events. This calculation can be a simple determination by applying the Rational or SCS method with general runoff curve numbers for different land uses. This information will be input into the developed HEC-RAS model as point source inflows.

C. Hydraulic Model

The Consultant will use the collected field survey data to create channel cross sections. The channel sections will then be combined with available LIDAR data for the overbank areas to produce the elevation model for the full width of the floodplain. The Team will incorporate the collected data and develop a HEC-RAS model.

D. Flood Mitigation and Water Quality Improvements

Once the hydraulic model is calibrated, the model will be used to evaluate options for flood mitigation and simulate their effects on flood elevations in support of the activities developed in the Regional Resilience Plan.

E. Coordination between consultants

The HEC-RAS model will be used by Shelby County and the Corps of Engineers as a tool to assist in future funding of potential projects. The methods used to develop the model must be coordinated. To this end, one firm will be selected as the lead firm. This firm will:

1. Develop Standardized methodology for all firms to use in the preparation of the HEC-RAS Model
2. Develop a standardized template for recording information and presenting the report
3. Conduct no more than two coordination sessions involving all firms

Respondents requesting additional information or clarification are to contact Tosha.Davenport@shelbycountyttn.gov or at the address listed below. Questions should reference the section of the RFQ to which the question pertains and all contact information for the person submitting the questions. ***IN ORDER TO PREVENT AN UNFAIR ADVANTAGE TO ANY RESPONDENT, VERBAL QUESTIONS WILL NOT BE ANSWERED. The deadline for submitting questions will be June 10, 2016 by 12:00 p.m. (CST).***

Individual vendor questions will be answered by e-mail as received before the cut-off date. All written questions submitted by the deadline indicated above will be answered and posted on the County's website at www.shelbycountyttn.gov within forty eight (48) hours of the above cut-off date.

These guidelines for communication have been established to ensure a fair and equitable process for all respondents.

Please be aware that contact with any other personnel (other than the person clearly identified in this document) within Shelby County or its benefit administrators regarding this RFQ may disqualify your company from further consideration.

Firms may request consideration by submitting an original, five (5) copies and a letter of interest and statement of qualifications to Ms. Tosha Davenport, Purchasing Specialist, Purchasing Department, Shelby County Government, 160 North Main Street, Suite 900, Memphis, TN 38103.

Please ensure you include the RFQ name number and Title of proposal on the outside of the envelope. **RFQ 16-005-74 "MAJOR DRAINAGE BASINS HYDRAULIC MODEL"**

All qualifications must be received by Ms. Davenport's office on or before 2:00 PM (Central Standard Time) Tuesday June 21, 2016.

Submittals will be reviewed by a Consultant Review Committee (CRC) that will identify the most qualified proposers. At the discretion of the CRC, selected consultants may be interviewed to determine the most qualified firm or firms.

Proposals:

Interested consultants should submit a Letter of Interest and Statement of Qualifications including, but not limited to, the following:

- Firm name, address, and telephone number.
- Point of contact: name and telephone number.
- Past experience specific to performing watershed studies.
- Past experience specific to performing engineering design services for stream bank stabilization projects and detention basin design.
- Overview of consulting team including clear statements of expertise in work of this nature.
- Qualifications of staff and if applicable sub-consultants.
- Demonstrated ability to meet schedules without compromising sound engineering practices.
- Statement of level of certified Locally Owned Small Business (LOSB) participation (**project goal is 20%**) and approach for meeting the participation requirements.
- All consultants must possess a professional license to practice engineering in the State of Tennessee.
- Inclusion of a fee is not required. A cost proposal will be negotiated with the selected consultant.

Submittals will be reviewed by a Consultant Review Committee (CRC) that will identify the most qualified proposers. At the discretion of the CRC, selected consultants may be interviewed to determine the most qualified firm or firms.

Evaluation proceedings will be conducted within the established guidelines regarding equal employment opportunity and nondiscriminatory action based upon the grounds of race, color, sex and creed or national origin. Interested certified Disadvantaged Business Enterprise (DBE) firms as well as other minority-owned and women-owned firms are encouraged to respond to all advertisements.

Consultant understands and acknowledges that the SCDOC is a governmental entity subject to the laws of the State of Tennessee and that any reports, data, or other information supplied to the County is subject to being disclosed as a public record in accordance with the laws of the State of Tennessee. All proposals and other materials submitted become the property of Shelby County.

V. SUBMITTAL FORMAT/ EVALUATION CRITERIA

Submittals shall be organized in a manner requested in the RFQ. Submittals shall contain all pertinent information requested and will be evaluated based on adherence to the following:

1. General Requirements

- Cover letter
- Firm name, address, and telephone number
- Point of contact: name and telephone number
- Written statement of compliance with Title VI
- Completion of the Section 3 RFQ documents
- Proof of Licensure

2. Capacity to perform required services

- Areas of expertise addressed by the team members presented in submittal
- Organizational chart, including all team members

3. Qualifications

- Company overview for all consulting firms participating as team members
- Resumes for proposed project manager and staff from each participating firm

4. Experience

Provide case study information documenting relevant experience from five (5) projects within the past ten years. Case studies shall list the following as a minimum:

- Project description
- Client and client's point of contact information
- Firm's role in project
- Design fee, construction cost and change order amounts
- Project staff and their role

Inclusion of a fee is not required. A cost proposal will be negotiated with the selected consultant.

VI. INSURANCE REQUIREMENTS

The Provider will provide evidence of the following insurance coverage with limits no less than:

1. *Commercial General Liability Insurance* - \$1,000,000 limit per occurrence bodily injury and property damage/\$1,000,000 personal and advertising injury/\$2,000,000 General Aggregate/\$2,000,000 Products-Completed Operations Aggregate. Shelby County Government, its elected officials, appointees, employees and members of boards, agencies, and commissions shall be named as additional insureds. The insurance shall include coverage for the following:

- a. Premises/Operations
 - b. Products/Completed Operations
 - c. Contractual
 - d. Independent Contractors
 - e. Broad Form Property Damage
 - f. Personal Injury and Advertising Liability
2. *Business Automobile Liability Insurance* - \$1,000,000 each accident for property damage and bodily injury. Coverage is to be provided on all:
 - a) Owned/Leased Autos
 - b) Non-owned Autos
 - c) Hired Autos
3. *Workers Compensation and Employers' Liability Insurance* - As required by Tennessee State Statute. Employers Liability limit is \$1,000,000 per accident. Contractor/provider waives its right of subrogation against Shelby County for any and all workers' compensation claims.
4. *Professional Liability Insurance* – Errors and Omissions Coverage in limits of no less than \$1,000,000 per claim/\$3,000,000 annual aggregate.

All policies will provide for sixty (60) days written notice to Shelby County of cancellation of coverage provided. Ten (10) day notice is applicable to non-payment of premium. If the insurer is not required by the policy terms and conditions to provide written notice of cancellation to Shelby County, the Provider/Provider will provide immediate notice to Shelby County and evidence of replacement coverage with no lapse.

If the Contractor maintains higher limits than the minimums shown above, the County requires and shall be entitled to coverage for the higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the County as additional insureds.

Upon termination or cancellation of any claims-made insurance currently in effect under this Contract, the Provider shall purchase an extended reporting endorsement or replace coverage with the same retroactive date and furnish evidence of same to the County.

All insurance policies maintained by the Provider/Provider shall provide that insurance as applying to Shelby County shall be primary and non-contributing irrespective of such insurance or self-insurance as Shelby County may maintain in its own name and on its own behalf. Any insurance company of the Provider shall be authorized to do business in the State of Tennessee and shall carry a minimum rating assigned by A.M. Best & Company's Key Rating Guide of "A-" and a Financial Size Category of "X".

VII. NON-DISCRIMINATION

- **Non-Discrimination and Title VI** - The Contractor hereby agrees, warrants, and assures compliance with the provisions of Title VI and VII of the Civil Rights Act of 1964 and all other federal statutory laws which provide in whole or in part that no person shall be excluded from participation or be denied benefits of or be otherwise subjected to discrimination in the performance of this Contract or in the employment practices of the contractor on the grounds of handicap and/or disability, age, race, color, religion, sex, national origin, or any other classification protected by federal, Tennessee State Constitutional or statutory law. The Contractor shall upon request show proof of such nondiscrimination and shall post in conspicuous places available to all employees and applicants notices of non-discrimination. Any recipient entity shall be subject to the requirements of Title VI of the Civil Rights Act of 1964, 42 U.S.C. 2000d et seq., and regulations promulgated pursuant thereto. It shall develop a Title VI implementation plan with participation by protected beneficiaries as may be required by such law or regulations.

To the extent applicable, such plan shall include Title VI implementation plans sub-recipients of federal funds through the entity. The Contractor shall produce the plan upon request of Shelby County Government. Failure to provide same shall constitute a material breach of contract.

VIII. SECTION 3 EMPLOYMENT OPPORTUNITIES

- **Section 3** -The Contractor hereby agrees, warrants, and assures compliance with the provisions of Section 3 of the Housing and Urban Development Act of 1968 (12 U.S.C. Sec. 1701u) as found at 24 CFR Part 135. The purpose of section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by section 3, shall, to the greatest extent feasible, be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.

Section 3

Documents

(RFQs and RFPs)

Section 3

Forms, Reports, and Policy

This project is governed under Section 3 of the Housing and Urban Development Act of 1968 [12 U.S.C. 1701u and 24 CFR Part 1351], which provides preference to low-to very low-income residents of the local community (regardless of race or gender), and the businesses that substantially employ these person, for new employment, training and contracting opportunities.

Required Section 3 Forms and Reports

Section 3 Opportunity Plan

A Section 3 Opportunity Plan must be completed by bidders or applicants seeking funding from the Shelby County Division of Planning and Development and the Department of Housing for a Section 3 covered project. The Section 3 Opportunity Plan must be submitted with the project bid or grant application.

Forms included in the Section 3 Opportunity Plan

1. Outreach Efforts to Section 3 Businesses
2. Section 3 Business Certification Form
3. Commitment to Contracting

A Section 3 Opportunity Plan is included.

Section 3 Summary Report

Project award recipients are required to complete and submit a Section 3 Summary Report each month throughout the life of the project. Information is cumulative and should run through the last day of the reporting month. Example: A report period of May 2015 will document required information from the start of the project through the last day of the May 2015.

A Section 3 Summary Report is included.

Section 3 Business Certification Form

Preferential contract consideration will be granted to Section 3 businesses. The Section 3 Business Certification Form must be completed by businesses seeking Section 3 status.

The Section 3 Business Certification Form must be completed by businesses listed as Section 3 in the Section 3 Opportunity Plan. The certification form must also be submitted with the Section 3 Summary Report when a contract is issued to a Section 3 business after the start of the project.

A Section 3 Business Certification Form is included.

Section 3 Opportunity Plan

Understanding Section 3

Section 3 is a Local Jobs and Contracting Initiative Utilizing Federal Housing Grant Funds.

What is Section 3?

Section 3 is a HUD requirement designed to ensure that the HUD funds invested in housing and community development activities provide employment opportunities for low income people. HUD's regulations state that "to the greatest extent feasible," businesses and employers working on select HUD-funded projects must make a good faith effort to train and employ low-to very low-income individuals in the area (called "Section 3 residents") and also to contract with business identified as Section 3.

In summary, the obligations of Section 3 are:

1. Provide training for Section 3 residents, and report on the outreach and training undertaken.
2. To the greatest extent feasible hire and train Section 3 residents, and report on employees and new hires.
3. To the greatest extent feasible contract with Section 3 businesses, and report on contracts and subcontracts.

Contracting Obligations: Applies to CDBG Projects

Applies to all projects

Section 3 requires that award recipients fulfill the following obligations:

- Show commitment to meet HUD's contracting requirement (the "minimum numerical target for contracting") that Section 3 businesses receive at least 10% of the building trades contracts for the project, and at least 3% of the total amount for all non-building trade contracts.
- "To the greatest extent feasible" contract with Section 3 business concerns identified as
 - 51 percent or more owned by Section 3 residents; or
 - At least 30 percent of its full-time employees include persons that are currently Section 3 residents, or were Section 3 residents within 3 years of the dated of first hire; or

- Provides evidence, as required, of a commitment to subcontract in excess of 25 percent (25%) of the dollar award of all subcontractors to businesses that meet one of the qualifications above.

Hiring Obligations: Applies to all CDBG Projects

Applies to all Projects

Section 3 requires that award recipients fulfill the following obligations to the greatest extent feasible when new employees are hired:

- Meet HUD's hiring requirement (the "minimum numerical target for training and employment") that 30% of new hires be Section 3 individuals.
- "To the greatest extent feasible" provide preference to hire area residents who are:
 - Low- to very low- income residents of the housing development or developments in which the HUD funds shall be expended; or
 - Low- to very low- income residents of other housing developments managed by the local Millington Housing Authority or the Memphis Housing Authority; or
 - Participants in HUD Youthbuild Programs; or
 - All other residents (including Section 8 recipients) of Shelby County who meet the low-to very low-income guidelines for Section 3 preference.

Section 3 Opportunity Plan

(TO BE COMPLETED FOR COMMUNITY DEVELOPMENT PROJECTS)

PURPOSE

The purpose of the Section 3 Opportunity Plan is to ensure that jobs and economic opportunities generated by the U. S. Department of Housing and Urban Development (HUD) financial assistance for housing and community development programs shall be directed to low- and very low- income persons to the greatest extent feasible, particularly those who are recipients of government assistance for housing and business concerns providing such opportunities.

BIDDER OR APPLICANT

RFP # and PROJECT NAME

CONTACT NAME
APPLICABLE)

TELEPHONE

EMAIL (IF

Requirements

The submitter of this Section 3 Opportunity Plan hereby agrees to comply with all of the provisions of Section 3 as set forth in 24 CFR 135, which implements Section 3 requirements. The Section 3 Opportunity Plan must be submitted with the Request For Quotation (RFQ), Request For Proposal (RFP), contact response, or grant application to Shelby County's Division of Planning and Development/Department of Housing or the appropriate Division/Department issuing the applicable request.

If a contract is awarded, a Section 3 Summary Report identifying progress in meeting the goals established in this Plan must be submitted monthly for projects throughout the contract period. The Section 3 Summary Report shall be submitted no later than 10 days after the end of each calendar month of the contract (e.g. January 10th, February 10th, etc.). For any goal not met, the report shall identify other economic opportunities that the contract recipient has or intends to provide.

The failure of the contract recipient to comply with the approved Plan shall be considered an event of default under the contract agreement.

Commitment to Contracting

Applies to all projects

Each applicant or bidder for a construction or labor-related contract must complete this Plan and submit all relevant information required herein. The following contracting requirements must be satisfied to the greatest extent feasible:

- At least ten percent (10%) of the total dollar amount of all applicable HUD-funded construction contracts shall be awarded to businesses identified as Section 3.
- At least three percent (3%) of the total dollar amount of all applicable HUD-funded non-construction contracts shall be awarded to businesses identified as Section 3.

The following documents must be completed and submitted with this Plan:

- Outreach Efforts to Section 3 Businesses
- Section 3 Business Certification Form
- Section 3 Commitment to Contracting

Commitment to the Employment and Training

Applies to all projects

Each bidder or applicant for a construction or labor-related contract must complete this Plan and submit all relevant information required herein. Bidders and applicants must satisfy the following hiring requirements to the greatest extent feasible:

Thirty percent (30%) of the aggregate number of **new** positions during a one year period shall be filled with Section 3 residents. Example: A construction contractor hires 10 new workers. Three of the new workers should qualify as local low- to very-low income persons.

Compliance

The failure of the bidder or applicant to comply with the Section 3 Opportunity Plan shall be considered an event of default under the contract agreement.

Acknowledged by

PRESIDENT OR AUTHORIZED OFFICER (PLEASE PRINT)

SIGNATURE

DATE

BUSINESS OR ORGANIZATION NAME

Section 3 Opportunity Plan

Outreach Efforts to Section 3 Businesses

Applies to all projects

Documentation of efforts to engage Section 3 businesses must be provided with responses to RFQs, RFPs, and grant applications.

Project Name _____

This form is to be completed by bidders or applicants seeking funding under a Shelby County Division of Planning and Development/Department of Housing Section 3 covered program (or any other Shelby County Division/Department when Section 3 applies).

Organization _____

Submitted By _____

The following businesses identified as Section 3 were contacted to determine capacity and availability to work on the above-listed project:

1. Company _____
Contact _____
Telephone /Email _____
Date(s) Contacted _____ Quote Provided (Y/N) _____
Follow-up Action and Company Response _____

2. Company _____
Contact _____
Telephone /Email _____
Date(s) Contacted _____ Quote Provided (Y/N) _____
Follow-up Action and Company Response _____

3. Company _____
Contact _____
Telephone /Email _____
Date(s) Contacted _____ Quote Provided (Y/N) _____
Follow-up Action and Company Response _____

4. Company _____
Contact _____
Telephone /Email _____

Date(s) Contacted _____ Quote Provided (Y/N) _____
Follow-up Action and Company Response _____

(Attach additional sheets if necessary)

Section 3 Business Certification Form

Required if Section 3 businesses are included in the bid or application

Businesses seeking Section 3 status and preference in contract by DPD/Department of Housing must complete and submit a Section 3 Business Certification Form.

Business Name _____

Address _____

City _____ State _____ Zip _____

Federal Employer Identification Number _____ Duns Number _____

Type of Business

- Corporation Partnership Sole Proprietorship
 Joint Venture
-

Please select one of the following three qualification methods for status as a Section 3 business.

Section 3 resident-owned business (51 % of more owned by Section 3 residents)

The following documents may be required in the future as added confirmation of status

- Complete list of Section 3 resident owners
- Section 3 Resident Certification Forms for each Section 3 resident owner

At least 30 % of permanent, full-time workforce are currently Section 3 residents or were Section 3 eligible residents within 3 years of date of first employment with the business

The following documents may be required in the future as added confirmation of status

- Complete list of all current full-time employees
- Complete list of employees claiming Section 3 status and employees Section 3 Resident Certification forms.
- Other evidence of Section 3 status less than 3 years for date of employment

Subcontracting 25% of the dollar amount awarded to qualified Section 3 businesses

The following documents may be required in the future as added confirmation of status

- Complete list of subcontracted Section 3 businesses and subcontract amount

I certify to the best of my knowledge that the information contained here within is true and accurate.

Signature _____

Date _____

Print Name _____

Title _____