

Request For Qualifications (RFQ)

Consultant Services For State Route 160 (SR160) Corridor Study in Morristown, Hamblen County TN

The Lakeway Area Metropolitan Transportation Planning Organization (LAMTPO) is soliciting qualifications from consulting firms for the State Route 160 Corridor Study. The length for this study is approximately 12 miles, with 31 intersections. The proposed boundary will be from the intersection of US Hwy 11E/ W Andrew Johnson Highway to the intersection of Old Lowland Rd/ McClister Rd. It should be noted that due to financial constraints the study boundary may be shortened. This project will be paid using federal Consolidated Planning Grant (CPG) funds at 80%, state funds of 5%, and a local match at 15%.

The plan must meet all requirements of the Tennessee Department of Transportation (TDOT), the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), Tennessee Department of Environment and Conservation (TDEC), and/or Environmental Protection Agency (EPA), if applicable.

Any consulting firm wishing to submit a RFQ shall have a current prequalification status with the Tennessee Department of Transportation (TDOT).

The goal of this study is to develop and maintain a safe and secure highway that is an integral part of sustainable development. A sustainable highway should satisfy lifecycle functional requirements of societal development and economic growth while striving to enhance the natural environment and reduce consumption of natural resources.

The consultant shall provide a summary of findings that effectively communicates the information reviewed, along with charts, tables, maps and GIS information associated with each task as necessary. The Corridor Study is broken down into the following tasks:

Task 1 - Public Participation

Public participation will play an important role in identifying the strengths, weaknesses, opportunities, and threats to the corridor. A comprehensive public participation process with corresponding activities will be developed and implemented by the consultant. This shall be done by a context sensitive approach when developing the study. This can be accomplished by, but not limited to:

1. Public meetings/ workshops
2. Online surveys and engagement.
3. Social media content
4. Project notecards/mailers.

Interim reports shall include monthly progress reports and written summaries of any working meetings held with staff, other government agencies, stakeholders, or the general public. The consultant is required to attend a minimum of four (4) meetings.

1. Stakeholders/ Kickoff meeting
2. Initial Recommendation meeting with the LAMTPO Technical Advisory Committee (TAC)
3. After revisions, Final document presentation to the LAMTPO TAC
4. Final document presentation to the LAMTPO Executive Board

Task 2– Analyze the Characteristics of the Corridor Study Area

While transportation is the primary focus of the study, existing and projected land use patterns and environmental elements affecting transportation planning should be identified and should be considered when making the final recommendation.

The various characteristics that should be identified and analyzed are:

1. Soils and Geology
2. Topography
3. Floodplains and Impervious Areas
4. Land-Use and Zoning (existing and future conditions)
5. Population (existing and future conditions)
6. Employment (existing and future conditions)
7. Development patterns (existing and future conditions)

Task 3 - Identify & Evaluate Transportation Systems and Facilities

Effective traffic demand and operational management strategies that can improve the corridor should be recommended. The Consultant must identify and evaluate all reasonable alternatives to alleviate potential congestion and enhance mobility. Assess the existing conditions, character of the corridor, and land use, with associated GIS data, including but not limited to:

- Level Of Service (LOS) of the highway (existing and future conditions)
- Safety concerns; evaluation of crash data.
- Traffic volumes and flow/congestion, including traffic counts. (existing and future conditions)
- Turning movements and related traffic impact studies in the area.
- Right-of-way alignment, width and existing cross sections.
- Cross-sections at various sections, intersection design, safety improvements, bridge and other infrastructure recommendations as necessary.
- Proposed Frontage or Access Roads, and generalized location for them
- Storm water drainage and access management.
- Proposed J-turns, median cut improvements, etc.
- ITS systems, including but not limited to traffic signal coordination (if applicable)
- Multimodal facilities, infrastructure, trails, bike lanes, sidewalks and other elements
- Compliance with ADA, TDOT design guidelines, and/or City development guidelines, or any other pertinent land use documents.

- The possibility of extending the Gateway Service Park Rd from Sulphur Springs Rd to MLK Jr Pkwy. The rationale for this would be to have another access to the proposed development, as well as for emergency purposes (i.e. if an accident were to occur on MLK Jr Pkwy, there would be an alternative way out. Also, if an accident were to occur on SR160, then traffic would not have to be diverted all the way to Lincoln Avenue, or perhaps W Morris Blvd).

Task 4- Recommendations / Implementation / End of Study

Recommendation will be provided based on data collection and inventorying all transportation, land use, demographic, environmental, and cultural elements along the corridor. The data from the inventory will be analyzed to provide the most accurate depiction of existing conditions. This includes traffic counts, development trends, socioeconomic data, infrastructure and other elements necessary to provide a clear understanding of the corridor.

The study must include actionable recommendations (based upon costs). Recommended improvements shall cover the short-term (within 5 years) as well as long term (25-years out). Identify any strengths, weaknesses, opportunities, and threats associated with the transportation system to assure successful implementation.

The recommendations shall include, but not limited to:

1. Show aerial photos with proposed improvements along the corridor;
2. Show recommended multimodal improvements, if any;
3. Illustrate any ITS system improvements, if any;
4. Identify all transportation system solutions that meet the challenges in conjunction with the land use vision along the corridor. Some of the solutions may include, but are not be limited to:
 - a. Meet state and/or local Performance Measures and Targets
 - b. Reflect community values and guiding principles supported by the public, stakeholder groups, and policy/decision-makers through the public participation process.
 - c. Be economically feasible and conform to applicable laws and regulations.
 - d. Outline opportunities and incentives for community investment.

Task 5. - Cost Estimates

The Consultant shall provide conceptual cost estimates for implementing the feasible alternatives, based on the recommendation in Task 4. It is also asked that the value of those investments as a function of present and futures system benefits will be identified by the Consultant.

Final Report

Drafts of the final report will be provided to LAMTPO personnel for review and anyone else whom may be deem essential. The final report shall address in detail the requirements found in the Scope of Work/Deliverables and will include graphics, maps and supporting data. Final report shall be submitted in Microsoft Word and in a PDF document to LAMTPO personnel. All associated GIS File

Geodatabase, Shapefiles with the layers, graphics and any other supporting data shall also be transferred to LAMTPO.

RFQ Schedule and Proposal Submission

Provided below is the anticipated schedule of events. LAMTPO reserves the right to adjust the schedule and to add or remove specific events to meet the unique needs of this Project.

Date	Action
June 1, 2022	RFQ Release/ advertised
July 1, 2022	RFQ submittal deadline to LAMTPO
July 30, 2022	Consultant Selected
August 2022	Consultant Contract approved
September 2022	Stakeholders/ Kickoff meeting
October , 2022	Monthly update
November 2022	Monthly update
December 2022	Monthly update
January 2023	Monthly update
February 2023	First draft of Document
March 2023	Revisions, if any
March 2023	Final Document submittal/ presentations

CONTACT AND SUBMITTAL INFORMATION:

Qualifications Submittal Due Date: Submittals will be received until **12:00 PM Friday, June 24, 2022**. Any submittal not received by the LAMTPO prior to the time set in this request shall be disqualified.

Submittal: A PDF digital format must be submitted via email to richd@mymorristown.com, with the **State Route 160 (SR160) Corridor Study RFQ** written in the subject line.

Contact Person

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1. QUALIFICATIONS SUBMITTAL FORMAT

Any consulting firm wishing to submit a RFQ shall have a current prequalification status with the Tennessee Department of Transportation (TDOT).

The preferred maximum length of submittals is thirty (30) pages on 8.5" x 11" paper. The preferred organization for the submittals is as generally indicated by the arrangement of information in this RFQ.

A. Consultant Team and Resumes

Provide a personnel summary of those individuals, including sub-Consultants, who will be participating in the project. Identify the roles, task-lead responsibility, and the percentage of the project that each person will be responsible for. Include a time estimate for each personnel, listed by task number. Experience relevant to this project should be detailed with a portfolio of similar work completed to date. Provide resumes of the project team members indicating their education and years of applicable experience. Identify relevant similar projects and the contributions of the individuals. This section should include resumes of professional planners, and licensed transportation and traffic engineers employed by the firm who are available to commit to this project. Do not include resumes of individuals that are not expected to have a role in the project.

B. Consultant's Experience

Describe experience with Transportation Corridor Plans and similar work. Identify previous project work experience that is relevant to this project. Highlight the key features and benefits produced by the Consultant in that project. Identify which of the team members proposed for this project also worked on the example project. Provide contact names, phone number and e-mail addresses for at least four (4) representative example projects so that MPO staff may contact the team's references.

C. Other Consultant Requirements

The Consultant Team is expected to include Disadvantaged Business Enterprise (DBE) participation and the percentage participation is to be described in the submittal of qualifications. The Consultant, when selected, will be expected to enter a contract that meets all State and Federal requirements with respect to Civil Rights and all other standard requirements for consulting contracts involving the expenditure of State and Federal funds.

2. EVALUATION OF QUALIFICATIONS AND CONSULTANT SELECTION

A Consultant Evaluation Committee (CEC) shall be established, and will evaluate the qualifications of firms based at a minimum on the following factors:

1. Work experience in the required disciplines with TDOT, the Agency, and/or other clients
2. Specialized expertise;
3. Professional licensure;
4. Staff capabilities of prime consultant
5. Size of project and limited or unlimited prequalification status; and,
6. Workload capacity; including amount of work under contract with the Agency, if applicable
7. Past performance on Agency Projects;
8. Technical approach (e.g., project understanding, innovative concepts or alternatives, quality control procedures);
9. Other factors including interviews and demonstrations, as approved by the Agency; and
10. Participation of qualified and certified Disadvantaged Business Enterprise (DBE) (can be consultant or sub-consultants) (or at least show good faith efforts in obtaining DBE).

Submittals that are late or which the review team determines have shown a severe disregard for submittal instructions will be disqualified. The review team will consider the Consultant's resumes and experience in relation to the corridor study. The review team will consider how well the Consultant's submittal addresses the various Federal, State, and MPO requirements for the corridor study that were outlined in the RFQ. Based upon the evaluation process just described, the review team will rank the submittals that were received and recommend the top-ranked Consultant with which to begin negotiations. If negotiations are unsuccessful with the top-ranked Consultant, then negotiations would commence with the next highest ranked Consultant, and so forth, until a contract is reached.

It is the policy of LAMTPO not to discriminate on the basis of race, color, national origin, age, sex, or disability in operation of its programs, services, and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

LAMTPO encourages women and minority owned firms to submit qualifications for the provision of the services described herein. LAMTPO does not discriminate based on race, color or national origin in federal or state sponsored programs, pursuant to Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d).

In order to comply with reporting requirements pursuant to Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d), responding firms are asked to please voluntarily provide the following information. The information should be provided as it applies to the authorized company representative who has submitted the bid and whose signature appears on the bid request form.

Race: *White* *African American* *Hispanic* *Asian*
 American Indian *Other:* _____

Gender: *Male* *Female*

This information is not required and if submitted, will not affect you as a bidder of services or supplies to LAMTPO. It is requested for compliance with government record keeping and reporting purposes.