

The South Carolina Department of Transportation (SCDOT) desires to engage a qualified private consulting firm or a team of consulting firms to conduct a comprehensive update of the Statewide Multimodal Transportation Plan (SMTP) for South Carolina to 2050.

The purpose of this effort is to develop a statewide multimodal transportation plan for South Carolina which will identify existing and future multimodal transportation needs and deficiencies for the specified planning period. The last update of the SMTP was adopted in 2020. SCDOT has determined that the plan and the process for its development need to be updated and revised to meet the changing transportation needs of the state of South Carolina. The new plan and process will incorporate the many changes that have occurred in the operation of SCDOT and in the services it will need to provide in the future. The updated plan will be required to comply with all federal and state statutes and regulations, such as but not limited to, 23 CFR Sections 450.206 and 450.216, Statewide Transportation Planning and SC Code of Regulations Chapter 63-10 (B)(1). This is a major effort by SCDOT to incorporate the most up to date methodologies and planning practices in the development of an updated SMTP. The advent of new technologies has changed the overall manner in which SCDOT manages the components of the multimodal transportation system for which it is responsible, and the way it interacts with those components that are a part of the system, but of which SCDOT has no control.

#### SCOPE OF WORK

The South Carolina Department of Transportation (SCDOT) is soliciting proposals for the services of a firm/team for the following contract scope of work:

##### Scope of Work

The SMTP will serve as SCDOT's blueprint for infrastructure spending to guide future transportation investments. The plan should meet but is not limited to the following objectives:

- Meet all federal and state statewide long-rang planning requirements.
- Encompass a planning period with a 2050 horizon.
- Develop a vision for the 2050 statewide multi-modal transportation system while examining intermediate measures along the way.
- Be a policy-based plan, not project specific.
- Include a performance-based approach.
- Integrate statewide modal planning considerations, including consideration of planning efforts developed since the adoption of the MTP 2040 Plan update (such as the SC Statewide Freight Plan Update 2050 [in development], State Rail Plan, Resiliency Plan, and other relevant plans).
- Focus on enhancing intermodal connectivity.
- Set priorities for SCDOT to guide decision-making including transportation investment decisions.
- Identify strategic investments that will positively impact SC economically.

- Travel & Tourism

The SMTP should contain the following outcomes/products and other outcomes/products as necessary:

- Current system status by mode
  - o Highways/bridges
  - o ITS
  - o Transit
  - o Passenger Rail
  - o Freight Rail
  - o Bike/Ped
- Un-prioritized future needs by mode.
- Financial plan, based on systems analysis of the delta between future needs based on defined performance conditions verses projected revenues to include various funding scenarios
- Discussion of modernizing and preserving the existing system in relation to system expansion and interstate completion, as well as preservation and enhancement of intercity bus systems
- Description of the performance measures and targets used in assessing the performance of the transportation system, and system performance report (including subsequent updates) evaluating the condition and performance of the transportation system with respect to these performance targets
- Discussion of changes due to technological innovations (autonomous vehicles, connected trucks and vehicles, etc.)
- Available tools to be considered: SC Statewide Transportation Model, scenario planning.

PROPOSED CONTRACT TIME: TWO (2) YEARS.

PROPOSED CONTRACT PAYMENT TYPE: A combination of negotiated LUMP SUM and approved reimbursable direct costs for each assignment within the contract.

SUBMITTAL REQUIREMENTS

ONLY ELECTRONIC SUBMISSIONS WILL BE ACCEPTED. SHOULD BE SUBMITTED USING PDF.

## **SELECTION PROCESS**

Following is a general description of the selection process:

- The SCDOT Selection Committee will review all submittals.
- The Selection Committee will shortlist a minimum of three (3) firms to be interviewed.
- In order to be considered for selection, consultants must submit a complete response to this Solicitation prior to the specified deadlines. Failure to submit all information in a timely manner will result in disqualification.

## **SELECTION CRITERIA**

In selecting a firm/team, the selection committee will take into consideration qualification information including such factors as:

1. 50% = The firm's approach to developing the SMTP.
2. 35% = The firm's experience and staff to perform the type of work required, including any designated sub consultants, based on the following: adequate staff to perform assigned project tasks & outstanding workload; firm's related experience & examples; final product quality on previous contracts; adherence to schedules on previous contracts; and flexibility for change in contract
3. 15% = The firm's understanding of the federal requirements for the statewide multimodal transportation plan.

## **SUBMISSION ORGANIZATION AND INFORMATION REQUIREMENTS**

**The Proposal must also include the information outlined below:**

### Chapter 1 – **Introduction**

The Introduction should demonstrate the consultant's overall qualifications to fulfill the requirements of the scope of work and should contain the following elements of information:

- Expression of firm's interest in the work;
- Statement of whether firm is on register;
- Date of most recent private engineering firm qualification;
- Statement regarding firm's(') possible conflict of interest for the work; and
- Summation of information contained in the letter of interest.

## Chapter 2 - Team Qualifications

This chapter should elaborate on the general information presented in the introduction, to establish the credentials and experience of the consultant to undertake this type of effort. The following must be included:

1. Identify recent, similar projects the firm, acting as the prime contractor, has conducted which demonstrates its ability to conduct and manage the project. Provide a synopsis of each project and include the date completed, and contact person.
2. If subconsultants are involved, provide corresponding information describing their qualifications as requested in bullet number 1 above.

## Chapter 3 - Team Experience

This chapter must provide the names, classifications, and location of the firm's South Carolina employees and resources to be assigned to the advertised work; and the professional credentials and experience of the persons assigned to the project, along with any unique qualifications of key personnel. Although standard personnel resumes may be included, identify pertinent team experience to be applied to this project. Specifically, the Department is interested in the experience, expertise, and total quality of the consultant's proposed team. If principals of the firm will not be actively involved in the study/contract/project, do not list them. The submittal shall clearly indicate the Consultant's Project Manager, other key Team Members and his/her qualifications for the proposed work. Also, include the team's organization chart for the Project / Plan. A Capacity Chart / Graph (available work force) should also be included. Any other pertinent information should also be listed in this section.

**Note:** If a project team or subconsultant encounters personnel changes, or any other changes of significance dealing with the company, SCDOT should be notified immediately.

## Chapter 4 - Technical Approach

The consultant shall provide information on its understanding of, and approach to accomplish, this project, including their envisioned scope for the work and any innovative ideas/approaches, and a schedule to achieve the dates outlined in this Solicitation (if any project-specific dates are outlined below).

**NOTE:** To adhere to the Timeframe, a Notice to Proceed is expected to be issued shortly after (a) firm(s)/team(s) is/are selected. All firm(s)/team(s) submitting a Proposal should make sure that their rates and overheads are current and have been audited by SCDOT.