

RFQ 10872-25

On-Call Transportation Planning & Engineering Services

Attachment A - Scope of Work

Background

Redmond maintains a roster of on-call consultants who are tasked with providing a diverse range of transportation planning and engineering services. These tasks are generally in support of larger capital and planning project efforts or may fill one-time planning or engineering needs. Tasks that have been performed under previous on-call agreements have included, but were not limited to, transportation project cost estimation and preliminary engineering, bicycle facility design, transit speed and reliability studies, traffic modeling, engineering reviews, intersection operations analysis, mobility planning studies, and targeted community outreach. The City will retain 3-4 on-call firms at a time to ensure that a variety of specialties are represented in the roster.

Project Funding

Funding for on-call services comes from the City of Redmond operating budget or capital improvement projects. It is not expected that federal or state grants would be included among the funding sources.

Scope of Work

The selected consultants shall have the qualifications and availability to provide all labor, materials, equipment and supplies to perform on-call professional transportation planning and engineering services on a task order basis for various projects. Consultants are not required to be qualified in all tasks; however, their statement of qualifications shall identify strengths that correlate closely with at least one of the categories below.

All selected consultants shall be able to prepare quality reports, design memoranda, visual communication and online materials, and/or technical memoranda in a timely manner. They shall also be readily available to respond to City staff inquiries on work products, attend and assist at meetings and coordinate with other service providers as needed.

Tasks fall into specific categories and may include, but are not limited to the following:

Bicycle Facilities Design & Analysis

- Prepare engineering plans, specifications and cost estimates (PS&E) for bicycle and related non-motorized facilities
- Provide preliminary engineering and design (PE/Design) for bicycle facilities projects
- Conduct bicycle corridor alternatives analyses and bicycle facility feasibility studies
- Assist City staff in revising design guidance, standard details and specifications to meet the latest best practices in urban and neighborhood bike facilities design



- Assist City staff in reviewing bicycle facilities designed by others in existing capital transportation projects

Traffic Engineering Studies

- Conduct traffic studies, corridor analyses, alternative analyses and feasibility studies
- Assist City staff in reviewing historical studies prepared by others

Traffic Modeling and Data Analysis

- Provide transportation modeling and analysis services for the City
- Assist in researching, updating, or implementing transportation fees, policies, or performance measurement procedures
- Provide data analysis and visualization using a variety of data sources to analyze, evaluate, and communicate project/program outcomes

Transit Planning & Design

- Analyze multimodal transportation access, circulation, bus layover, parking needs, and site amenities at high-capacity transit centers and stations
- Conduct transit routing analysis and transit speed & reliability studies
- Perform research and analysis for transit-oriented development and mobility hub planning

Transportation Planning & Engineering

- Prepare PS&E for transportation and traffic engineering projects
- Provide PE/Design for transportation and traffic engineering projects
- Prepare bid documents for transportation projects
- Provide right-of-way and topographic surveying and mapping related to transportation projects
- Assist City staff in project management of major transportation projects
- Assist City staff in revising urban street and green street design guidance, standard details and specifications to meet the latest best practices
- Assist City staff in reviewing existing capital transportation projects designed by others
- Assist City staff at public outreach meetings including preparation of display materials and program documentation for on-site display and Web distribution/access.
- Assist City staff in planning studies for implementation of strategies in the Safer Streets Action Plan and Transportation Master Plan

