

ON-CALL TRANSPORTATION ENGINEERING SERVICES

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Project Description:

On-Call Transportation Engineers will prepare studies that assess the impacts of development projects on the existing and/or planned street system, assisting in peer review and/or preliminary geometric development for roundabout and traffic signal installations, and other traffic and transportation work as needed by San Joaquin County Department of Public Works (County).

The County will release a Request for Qualifications to solicit transportation engineering consulting firms for the work described above. Traffic Impact Study services will consist of a range of engineering functions including: preparation of a project scope, preparation of a draft and final study, and meetings with County staff. The traffic studies are to be prepared under the direction of a Registered Traffic Engineer licensed in the State of California. Any other Traffic Engineering or Transportation related work will be scoped on a case-by-case basis.

The County will request these services on an as-needed basis and intends to establish an On-Call list of two (2) to three (3) consulting firms that will be used to perform these services. Whenever feasible, the County will select firms for specific projects on a rotating basis. The County will use the resulting On-Call List for a minimum of two-years and may elect to extend its use for an additional year.

Services Needed:

- California Licensed Traffic Engineer
- California Licensed Civil Engineer
- Level of Service based traffic impacts and mitigations, operations, and engineering analyses (Quantitative and qualitative)
- Site reconnaissance/plan analysis
- Preparation of project scope including:
 - Project Understanding
 - Schedule
 - Cost
- Preparation of Traffic Impact Studies per the format specified in the latest revision of the San Joaquin County Traffic Impact Study Guidelines
 - Travel forecasting
 - Traffic counts
 - Safety and Operation Recommendations
 - Development Fair Share Determinations
- Preparation of Vehicle Miles Traveled (VMT) Studies using:
 - County developed VMT guidelines and thresholds
 - Office of Planning and Research VMT requirements
- Peer review of County prepared Preliminary Plans for:
 - Roundabout geometrics
 - Traffic Signal design
 - Traffic Signal timing

- Preparation of Grant Applications
 - Development of Project Study Report – Equivalent
 - Development of supporting documentation, such as Project Maps
 - Development of grant narrative

Projected Solicitation Start Date: April 2025