

2015 I-10 INTEGRATED CORRIDOR MANAGEMENT PLAN

Request for Proposals

**Proposer's
Conference**

May 2, 2017



Purpose of RFP

- Select the best qualified consultant to develop key components of Integrated Corridor Management for the I-10 corridor, including the Concept of Operations, the ICM Analysis, Modeling and Simulation Plan, and the System Requirements Specifications, in conjunction with the previously established Project Management Plan and the Systems Engineering Management Plan

The Team We Are Looking For

- Has a deep understanding of ICM, analysis, modeling, and simulation, large-scale data collection, ITS and component sub-system integration
- Aware of national and international advances
- Fully understands the MAG region's ongoing work in ICM
- Full of good ideas and should not rely on guidance and feedback from MAG – except where warranted

Proposed Tasks

- Task 1: Project Management & Technical Oversight Process
 - Management of all study activities
 - Project oversight with Technical Advisory Group (TAG)
- Task 2: ICM Concept of Operations
 - Needs and deficiencies within the I-10 corridor
 - Existing institutional and operational conditions for various modes of travel
 - Operational scenarios and ICM strategies for non-recurring events
 - Near-term and long-term decision support system solutions and capabilities

Proposed Tasks (Cont'd)

- Task 3: ICM Analysis, Modeling, and Simulation Plan & Data Collection
 - Close coordination with Task 2 Concept of Operations
 - Existing operational and field conditions for various modes of travel
 - Analysis scenarios and ICM strategies for non-recurring events
 - Data needs and availability for near-term and long-term solutions
 - Data collection of existing sources
 - Performance measures demonstrating operational variations
 - Exploration of AMS tools
 - AMS approach and framework
 - AMS model calibration guidance, process, and criteria

Proposed Tasks (Cont'd)

- Task 4: ICM System Requirements Specifications
 - Describe the system purpose, needs, capabilities, conditions, constraints, and challenges
 - Identify and define all major sub-systems and data structures
 - Detail the expected interaction between the sub-systems
 - Define system performance characteristics
- Task 5: Update the Project Management Plan and the Systems Engineering Management Plan

Proposal Requirements

- Document Requirements
 - Number of pages must not exceed 25
 - Font at least 12 pt.
 - One (1) hard copy & one (1) electronic PDF copy
- Proposal Content
 - Identification – title sheet
 - Table of Contents
 - Organization & Approach
 - Work Plan
 - Preliminary Schedule
 - Staffing Plan
 - Resumes of Key Staff
 - Budget (App. A)
 - Recent Examples
 - Additional Information

Proposal Requirements (Cont'd)

- Forms and Appendices
 - Professional Conduct Certification (App. B)
 - Proposer's Information Form (App. C)
 - Debarment & Suspension Certification
 - Conflict of Interest
 - Confidential Portions Identification
 - Anti-Lobbying

Proposal Delivery & Opening

- One (1) hard copy & one (1) electronic PDF copy via compact portable drive
- Deadline: Noon on May 18, 2017
- Public Opening at 12:05 pm – MAG Cholla Room (second floor)

Evaluation Criteria

- Demonstrated depth of understanding of: (1) near-term & long-term objectives of I-10 ICM, and (2) AMS and Decision Support System requirements
- Clarity of proposal – realistic approach, relevance to I-10 stakeholders, enhancements
- Education and experience of key personnel
- Proven track record in this area of study. Clearly identify who worked in related studies.
- Availability of key personnel
- Price
- Ability and commitment to deliver
- Work priorities and flexibility to deal with changes

Potential Interviews of Short Listed Consultants

- If necessary, in-person interviews of short listed consultants will be held on June 1, 2017
- Consultants selected for interviews will be notified by 5pm on May 25, 2017
- Plan ahead to have PM, plus, no more than two KEY members of the team available for the interview

Planned Schedule

- Public notice of RFP - April 19 ✓
- Proposers Conference – 2:00pm May 2nd✓
- Proposals due to MAG - May 18th
- Review of Proposals – May 18th thru May 25th
 - Interviews (if necessary) on June 1st
- MAG ITS Committee recommendation - June 7th
- MAG Management Committee recommendation - June 14th
- MAG Regional Council Executive Committee approval - June 19th

Contract Development

- Goal: A signed contract by early August 2017
- Project kickoff: August 2017
- Project duration: 15 months

Q & A

- Question #1: request a copy of MAG's sample professional services contract
 - Asked by two different teams
- Answer #1: We do not provide that language before entering into contract negotiations with the selected team.

Q & A (Cont'd)

- All questions on this RFP should be emailed to: enava@azmag.gov and will be accepted until 5PM on May 4th
- All questions and answers (including those asked here), today's sign-in sheet, and PowerPoint slides, will be posted at the MAG website under RFPs & RFQs by Noon on May 10th

Thank You!

Please make sure you have provided your contact information on the Sign-In sheet