ADDENDUM 1
I70B and F.5 Traffic Impact Study Project
RFQ-19-03039

Replace Section II with the following.
SECTION II
MINIMUM SPECIFICATIONS

2.0 SUMMARY OF INTENT

The Public Works Department of Mesa County is requesting Statements of Qualifications from Consultants interested in performing the necessary tasks to prepare a Traffic Impact Study (TIS) and a CDOT approved signalized intersection concept for the I-70B & F.5 intersection.

The successful Consultant must be prepared to perform services as outlined in Section II. The submittals will be evaluated by Mesa County. It is the County’s goal to select a Consultant who will provide the highest quality of customer service, technical expertise and project management. The award of the contract will be based on the evaluation criteria outlined in Section IV of this RFQ.

2.1 SCOPE OF WORK

I-70B & F.5 intersection TIS and CDOT Approved Signalized Intersection Concept

Mesa County Public Works anticipates that, per CDOT State Highway Access Permit requirements, and the attached CDOT Memo dated March 6, 2019, entitled Traffic Impact Study (TIS) Scope (for the signalized I-70B & F.5 intersection) that a comprehensive traffic impact study as well as a CDOT approved signalized intersection concept will be necessary to proceed with the CDOT State Highway Access Permit final design (not part of this contract) of the signalized intersection.

Expected minimum tasks include:

- Coordination with CDOT Region 3 Traffic Program Manager, Access Manager and Engineer in preparation and approval of the CDOT State Highway Access Permit, comprehensive TIS, and CDOT approved signalized intersection concept.

- TIS shall meet the scoping requirements of the CDOT Memo dated March 6, 2019.

- Additional TIS requirements include: A Dynamic Traffic Assignment (DTA) of the major intersections impacted by this signal and to include the I-70B interchange ramps with I-70. Intersections and roadway segments to be included: F-1/2 Road at I-70B, F-1/2 Road at I-70B Frontage Road, F-1/2 Road at Sun King Way, Sun King Way at F-1/4 Road, I-70B at F Road, I-70B at 32 Road (SH 141), I-70B East Side Frontage Road, F Road at 1st Street/32-1/2 Road, F Road at Lois Street, and the I-70B interchange ramps with I-70. The Mesa County RTPO maintains the regional travel demand model (macroscopic model) using TransCAD. The RTPO will work with Mesa County Traffic and the consultant, to provide files and data from the travel demand model. Currently, the horizon year for the model is 2040.
The consultant will code and run the dynamic traffic assignment (DTA) model using PTV VISSIM or a similar software, to include the major intersections listed above that will be impacted by the signal. This task will also include a traffic simulation for each of the study periods at the horizon year, 2040, for the TIS.

The east leg of this intersection is difficult as Mesa County is trying to avoid buying multiple homes on this side. The model should include the traffic flow from the area east of the intersection so we can determine what to do with the east side.

For future traffic projections, TIS must include an examination of the 2040 Study and the traffic analysis zones within the study area to see if the land use assumptions were appropriate for the 2040 horizon year and propose modifications, if needed.

For the Trip Adjustment Factors- we would like to use the State Access Code as a baseline and the consultant can propose a modification to these with supporting data.

2.2 PROJECT MANAGEMENT AND COORDINATION

Project management, coordination and other project requirements will be determined with selected consultant during the scope and fee negotiation phase.