

TELLURIDE REGIONAL AIRPORT

*Telluride, Colorado
County of San Miguel
State of Colorado*

REQUEST FOR QUALIFICATIONS

ENGINEERING STUDY RUNWAY 9-27 SAFETY AREA IMPROVEMENTS SOUTHEAST LANDSLIDE MITIGATION

The Telluride Regional Airport Authority (TRAA) is requesting a statement of qualifications from geotechnical engineering firms interested in completing an engineering study to address mitigation of an existing landslide located at the southeast corner of the existing airport property. Firms interested in this solicitation should submit their statement of qualifications to the Telluride Regional Airport authority by close of business on December 31, 2009. Each statement of qualifications should conform to the requirements outlined in this solicitation.

Project Background: An existing landslide is located at the southeast corner of the airport property, at and just below an abandoned portion of the quarry access road. The access road to the quarry and the construction access road for the reconstruction of the airport runway and safety area have been rerouted to stable ground north of the previous access road location and off of the head scarp of the landslide.

The existing landslide has been in an active state of failure for several years and is presently creeping downhill. As of July, 2009, there is clear evidence, by virtue of the presence of tension cracks in the surface of the abandoned portion of the access road, the slide is continuing to fail. The portion of the old roadway surface being affected by this existing landslide is located between approximate Stations 92+00 and 94+00 of the runway centerline. The existing landslide covers an area roughly 460 feet north-south and approximately 360 feet east-west with the majority of the existing slide located downhill and south of the abandoned portion of the quarry access road.

The presence of the landslide represents a liability for the Airport and possibly for the Colorado Department of Transportation. A catastrophic failure of this landslide occurring in a manner similar to that which occurred at the Airport in 1987 on the south side of the runway poses a threat to closing State Highway 145 to the south and below the slide area, and the potential of property damage.

Engineering Scope and Objectives: The purpose of the requested engineering services will be to provide further preliminary planning and engineering evaluation of landslide mitigation alternatives for the project and to provide engineering estimates of probable costs for the alternatives for further consideration by TRAA and the Federal Aviation Administration (FAA).

All work proposed for this project will be based on the previous geotechnical/geological engineering studies completed at the site. The selected consultant for this work will be provided with all available previous studies that have been completed for the landslide when final consultant selection is made and upon acceptance of the consultant's proposal for the work.

Key tasks of the expected engineering study are expected to include:

Task 1: Review and Compile all Previous Geotechnical/Geological Engineering Data - This item will include reviewing all previous geotechnical and geologic engineering data that has been completed at the slide area. This task will also be used to identify the need for, and the possible extent of any further geotechnical/geologic engineering exploration that may be needed in order to provide final design of the alternatives identified during this study.

Task 2: Refine Landslide Mitigation Alternatives - This item will build upon the list of mitigation or damage reduction alternatives that have been evaluated by TRAA in preliminary scoping for landslide mitigation. Alternatives that have been considered to date include:

- Landslide Removal
- In-situ Stabilization
- Damage Reduction

Task 3: Determine Estimates of Quantities for Feasible Alternatives – For each of the feasible alternatives identified during this study, an estimate of the quantities of the various construction items will be required for each alternative.

Task 4: Prepare an Engineer's Estimate of Anticipated Construction Costs - This item will consist of preparing an engineer's estimate of anticipated construction costs for each of the alternatives identified during the study.

Task 5: Prepare a Preliminary Engineering Report – This task will include preparation of a preliminary engineering report detailing the results of the study. This document will be used by TRAA in conjunction with FAA for further planning and projection of future budget expenditures at the Airport.:

Selection Criteria: It is the intent of TRAA to select an engineer or engineering firm that is considered the most qualified to serve the needs of TRAA. TRAA intends to develop a short list of qualified individuals or firms from the submittals received and may (at its sole discretion) conduct interviews with the short listed individuals or firms prior to making a final selection. It is the intent of TRAA to select the best qualified firm that meets the current and planned future objectives of TRAA and to assist TRAA in its planning and future design activities. The selection criteria for these services will include an evaluation of the following:

- The overall experience of the individual or firm in providing similar planning services for airport projects;
- The experience of the individual or firm in working with TRAA or a similar airport authority, and the Federal Aviation Administration;
- Experience with work of a similar nature in a similar geologic setting as the Telluride Regional Airport;
- The experience of the designated project manager or engineer;
- The individual's or firm's understanding of the current required scope of work;
- The overall project approach to fulfilling the requirements of the preliminary engineering services as outlined in this RFQ;
- The ability of the firm to provide continued services through the design and construction phase, if required, and,
- References (a minimum of 3), including contact information provided for the individual or firm.

Interested individuals or firms should submit their Statement of Qualifications by December 31, 2009 to:

**Telluride Regional Airport Authority
Attn: Mr. Richard W. Nuttall, Airport Manager
1500 Last Dollar Road
Telluride, Colorado 81435**

The Statement of Qualifications should be limited to a maximum of 10 pages, excluding supporting documentation that may consist of resumes of key individuals or project capsules of similar types of projects.

Upon selection of the most qualified individual or firm, TRAA intends to solicit a cost proposal for the preliminary planning services and enter into a negotiated contract for this work. TRAA retains the right to accept or reject any or all statements of qualifications for this work.