

INVITATION FOR BID 2022-05 Avalanche Study

The Village of Taos Ski Valley is soliciting bids from qualified professional service providers to perform an Avalanche study. The Village is home to the Taos Ski Valley, a world class ski resort and tourism destination. The Village is located in northern New Mexico and has a fulltime population of 73 residents. However, during the ski season there can be as many as 5,000 daily visitors. The Village is responsible for the operations of Roads and Drainage as well as reviewing and permitting construction within its borders. The Village is also responsible for permitting and supplying utility infrastructure which supports extreme swings in seasonal visitors and weather conditions. The Village has conducted recent evaluations, planning for growth and development.

The Village anticipates obtaining professional services to develop an Avalanche study to support the management of the services and provide updated safety review. **The Bidder must be a qualified Engineer with demonstrated experience in preparing Avalanche Studies and Maps**

SCOPE: The study shall involve review and comment on the existing Village Avalanche hazard zoning maps and ordinance. The existing avalanche hazard maps are based on a 2001 Study by Arthur I. Mears, P.E., Inc.

Update the mapping using appropriate sources, including but not limited to; Village AHZ Maps and ordinance, Access to Village GIS maps, FEMA, USFS, USGS, Village Water Study, Village Source Water Protection Plan.

The work would include but is not limited to:

- Provide recommendations to update the existing Avalanche Hazard Zoning Ordinance
- Perform terrain analysis and aerial photo interpretation for the purpose of quantifying avalanche runout distance, frequency, and energy for the design magnitude avalanche.
- Prepare a Draft Avalanche Hazard Report and Maps for all lands within the village limits for review by departments. The draft report will describe methods, findings, and recommendations.
- Prepare a revised Draft Avalanche Hazard Report and Maps responding to VSTV staff review.
- Review the existing avalanche ordinance with Development Review Team and provide comments, information including safety structures, and recommendations, building requirements for updating the ordinance .
- Attend two (remote P&Z, Council) public meetings and present a summary of findings, maps, and recommendations.
- Prepare a final Avalanche Hazard Report and Maps.

The Village will provide the following:

Village Documents required for the Study including 2001 Study by Arthur I. Mears, P.E., Inc.

- Access to GIS maps
- Current Water Study Data
- Other reports and data requested by the contractor as deemed necessary for the Avalanche Hazard maps and report

The Village anticipates awarding the contract for acceptance by Village Council at their July 2022, meeting. Study results would be required no later than September 1, 2023.

Submit written proposals by email to: javila@vtsv.org

Or Mail to: Village of Taos Ski Valley
PO Box 100
Taos Ski Valley, NM
Attention: Purchasing/John Avila

Bid proposals must be received by ~~June 6, 2022~~, to the above email or mailing address. Deadline extended to July 1, 2022.

Reference: **Avalanche Study Bid#2022-05**

The Village of Taos Ski Valley reserves the right to accept or reject any or all quotes as to what may be in the Village's best interest.