

## Corrections and Responses to Questions received as of 7/27/22

**Correction**- The actual extent of the area to be surveyed by Lidar is larger than what was shown in the original RFP. The true extent is 11,157 acres or 17.4 square miles.

### Questions and Town of Vail Responses

For the 2D HEC-RAS analysis, do you require that channel cross sections and hydraulic structures (bridges and culverts) be surveyed since LiDAR will only pick up water surface elevation and wouldn't pick up the hydraulic structure dimensions? **Yes**

- If surveyed, is general hydraulic geometry sufficient, or does each structure need to be surveyed to survey-grade standards. **General hydraulic geometry is sufficient.**

Could you provide the existing monument locations?

<https://www.vailgov.com/home/showpublisheddocument/350/637436661495030000>

For the new monuments, do you need them up to the NGS Bluebook monument standard? **Yes. Town of Vail would like the new monuments to be prepared to conform with any upcoming updates to the NGS system.**

Other than the LiDAR data collection schedule deadline, what are the deadlines for the remaining major tasks? (Tasks C-E) **Weather is the main concern when it comes to Lidar flights. Town of Vail needs that aerial data collected when the water level is low, when leaves are mostly off the trees but before there is snow on the ground. That likely leaves a window of mid-September through mid-October.**

**The impetus for this RFP is to allow Town of Vail to implement new stream setbacks that go into effect in January 2023. It would be ideal to have all tasks completed by the end of 2022. However, there is some flexibility since construction and landscaping that will be governed by those new regulations will not likely occur in January, February or March of 2023.**

You state that you want the 2D model to cover the FEMA floodplain extents. Are you expecting that this project would submit a LOMR application to FEMA, or is this just preliminary mapping for the Town to potentially submit a LOMR in the future (and/or use in development reviews and setbacks)? **This is just preliminary mapping for the Town to potentially submit in the future.**

For Submittal requirement A in the RFP, do you mean provide a breakdown of anticipated costs for 2022 and anticipated costs for 2023? If not, can you provide an explanation of what type of annual budgeting you are looking for? **An overall cost estimate will be sufficient. It does not need to be broken down by calendar year. It is our hope that most of this work will occur in 2022.**