**REQUEST FOR PROPOSALS**

**For**

**Two Year Flood Line and 100 Year Floodplain Modeling and Mapping**

**July 22, 2022**

The Town of Vail is seeking a qualified firm to survey and map the Two-Year Flood Line and FEMA 100 year floodplain on Gore Creek and its tributaries with the boundaries of the town and a portion of unincorporated Eagle County in the Gore Creek Valley.

**Response information:**

Proposals are due by 5:00pm MDT on August 1, 2022

Delivered via E-mail to pwadden@vailgov.com

One (1) electronic copy (PDF) is required to be submitted by 5:00 pm (MDT), Monday August 1, 2022 (the “Deadline”). Any proposal received after the Deadline will not be considered.

Proposals due by **5:00 pm** MDT.……..……..………………………..…….…..…………….**August 1, 2022**

RFP Questions deadline at **5:00 pm** MDT……...……………………………….……………..**July 26, 2022**

Selection Committee document review………………………..…………….…………..…**August 1-3, 2022**

Selection Committee Follow up Questions/Interviews…………..................................**August 3-10, 2022**

Selection Announcement………………………………………………….…..…………...…**August 16, 2022**

Project Start……………………………………………………………….…….….………….**.August 22, 2022**

**PROJECT GENERAL DESCRIPTION**

The Vail Town Council adopted the Stream Corridor Protection Ordinance on May 17, 2022. The ordinance established new stream setbacks within Vail town boundaries which are based on the Two-Year Flood Line (TYFL) along Gore Creek and its named tributaries. The accuracy of the TYFL throughout the Town of Vail should be improved in order to make it easier for a surveyor to determine the TYFL and associated setbacks on a specific stream front property. It has also been documented that the FEMA 100 year floodplain in Vail is inaccurate and outdated in a number of locations due to the use of data collected in the 1990s and changes to the stream channel since that data was collected more than 20 years ago. The goal of this project is to model and map the TYFL and the FEMA 100 year floodplain using aerial LIDAR survey and analysis, and to update and improve the accuracy of Town of Vail Ground Control Network.

**PROJECT SCOPE**

The Town of Vail wishes to collect aerial LIDAR data for the purpose of updating maps and models of the 100 year floodplain and TYFL on Gore Creek and its tributaries within the Town of Vail boundaries and a portion of unincorporated Eagle County (locally known as “Intermountain”) within the Gore Creek watershed. The approximate extent of the area to be captured in the aerial LIDAR data collection is outlined in green in Figure 1 below. The area to be studied comprises 9,917 acres or approximately 15.5 square miles.



Figure 1. Extent of project area

Tasks to be completed by the selected firm:

A. Update the TOV Ground Control Network on up to twelve existing monuments and establish up to four new monuments.

B. Aerial LIDAR data capture of the area outlined in green above in Figure 1.

C. Provide Lidar las; DEM; and 6 inch contour maps in GIS compatible format.

D. Create a 2D HEC RAS model of the TYFL and produce TYFL maps for Gore Creek and its named tributaries within the area delineated in green in Figure 1 above.

E. Create a 2D HEC RAS model of the FEMA 100 year floodplain and produce maps the 100 year floodplain for Gore Creek and its named tributaries within the area delineated in green in Figure 1 above.

**Submittal Requirements**

In addition to being able to provide the services described above, the submittal must include the following requirements:

A. Total cost of implementation as well as annual budgeting for project

 B. Implementation schedule for the project

**Selection Criteria**

Proposals will be reviewed and selected based upon the following criteria:

* A firm’s proven track record of accurate hydraulic modeling and mapping in mountain regions
* The ability of the selected firm to complete updates to survey monuments and LIDAR data collection before October 15, 2022
* Value and long-term viability of data to be collected and resulting models of TYFL and 100 year floodplain

Proposals will be reviewed by a selection committee comprising representatives from the following departments: Environmental Sustainability, and Public Works.

**General Conditions**

Limitations and Award

This RFP does not commit the Town of Vail to award or contract, nor to pay any costs incurred, in the submission of proposals in anticipation of a contract. The Town of Vail reserves the right to reject reparation of all or any submittal received as a result of this request, to negotiate with all qualified sources, or to cancel all or part of the RFP. After a priority listing of the final firms is established, the Town of Vail will negotiate a contract with the first priority firm. If negotiations cannot be successfully completed with the first priority firm, negotiations will be formally terminated and will be initiated with the second most qualified firm and, likewise, with the remaining firms.

Selection

Initial evaluation will be based upon the qualifications of the applicant. The Town of Vail reserves the right to not interview, and to make final consultant selection based upon the qualification statements.

Equal Employment Opportunity

The selected consultant team will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin.

Contract Phasing

Proposed tasks within this RFP may be eliminated or expanded by the Town of Vail at any time due to the progression and sequencing of the scope of work.

Prohibition Against Employing Workers Without Authorization

A. *Certification*. Contractor hereby certifies that, as of the Effective Date, it does not knowingly employ or contract with a worker without authorization who will perform work under this Agreement and that Contractor will participate in either the E-Verify Program administered by the U.S. Department of Homeland Security and Social Security Administration or the Department Program administered by the Colorado Department of Labor and Employment to confirm the employment eligibility of all employees who are newly hired to perform work under this Agreement.

B. *Prohibited Acts*. Contractor shall not knowingly employ or contract with a worker without authorization to perform work under this Agreement, or enter into a contract with a subcontractor that fails to certify to Contractor that the subcontractor shall not knowingly employ or contract with a worker without authorization to perform work under this Agreement.

C. *Verification*.

1. If Contractor has employees, Contractor has confirmed the employment eligibility of all employees who are newly hired to perform work under this Agreement through participation in either the E-Verify Program or the Department Program.

2. Contractor shall not use the E-Verify Program or Department Program procedures to undertake pre-employment screening of job applicants while this Agreement is being performed.

3. If Contractor obtains actual knowledge that a subcontractor performing work under this Agreement knowingly employs or contracts with a worker without authorization who is performing work under this Agreement, Contractor shall: notify the subcontractor and the Town within 3 days that Contractor has actual knowledge that the subcontractor is employing or contracting with a worker without authorization who is performing work under this Agreement; and terminate the subcontract with the subcontractor if within 3 days of receiving the notice required pursuant to subsection 1 hereof, the subcontractor does not stop employing or contracting with the worker without authorization who is performing work under this Agreement; except that Contractor shall not terminate the subcontract if during such 3 days the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with a worker without authorization who is performing work under this Agreement.

D. *Duty to Comply with Investigations*. Contractor shall comply with any reasonable request by the Colorado Department of Labor and Employment made in the course of an investigation conducted pursuant to C.R.S. § 8-17.5-102(5)(a) to ensure that Contractor is complying with the terms of this Agreement.

E. *Affidavits*. If Contractor does not have employees, Contractor shall sign the "No Employee Affidavit" attached hereto. If Contractor wishes to verify the lawful presence of newly hired employees who perform work under the Agreement via the Department Program, Contractor shall sign the "Department Program Affidavit" attached hereto.

 Insurance

A. Contractor agrees to procure and maintain, at its own cost, a policy or policies of insurance sufficient to insure against all liability, claims, demands, and other obligations assumed by Contractor pursuant to this Agreement. At a minimum, Contractor shall procure and maintain, and shall cause any subcontractor to procure and maintain, the insurance coverages listed below, with forms and insurers acceptable to the Town.

1. Worker's Compensation insurance as required by law.

2. Commercial General Liability insurance with minimum combined single limits of $1,000,000 each occurrence and $2,000,000 general aggregate. The policy shall be applicable to all premises and operations, and shall include coverage for bodily injury, broad form property damage, personal injury (including coverage for contractual and employee acts), blanket contractual, products, and completed operations. The policy shall contain a severability of interests provision, and shall include the Town and the Town's officers, employees, and contractors as additional insureds. No additional insured endorsement shall contain any exclusion for bodily injury or property damage arising from completed operations.

3. Professional liability insurance with minimum limits of $1,000,000 each claim and $2,000,000 general aggregate.

B. Such insurance shall be in addition to any other insurance requirements imposed by law. The coverages afforded under the policies shall not be canceled, terminated or materially changed without at least 30 days prior written notice to the Town. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage. Any insurance carried by the Town, its officers, its employees or its contractors shall be excess and not contributory insurance to that provided by Contractor. Contractor shall be solely responsible for any deductible losses under any policy.

C. Contractor shall provide to the Town a certificate of insurance as evidence that the required policies are in full force and effect. The certificate shall identify this Agreement.

**APPENDIX A: Example Town of Vail Professional Services Agreement**

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT FOR PROFESSIONAL SERVICES (the "Agreement") is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2022 (the "Effective Date"), by and between the Town of Vail, a Colorado home rule municipal corporation with an address of 75 South Frontage Road, Vail, CO 81657, (the "Town"), and \_\_\_\_\_\_, an independent contractor with an address of \_\_\_\_\_\_\_\_\_\_, ("Contractor") (each a "Party" and collectively the "Parties").

WHEREAS, the Town requires professional services; and

WHEREAS, Contractor has held itself out to the Town as having the requisite expertise and experience to perform the required professional services.

NOW, THEREFORE, for the consideration hereinafter set forth, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

**I. SCOPE OF SERVICES**

A. Contractor shall furnish all labor and materials required for the complete and prompt execution and performance of all duties, obligations, and responsibilities which are described or reasonably implied from the Scope of Services set forth in **Exhibit A**, attached hereto and incorporated herein by this reference.

B. A change in the Scope of Services shall not be effective unless authorized as an amendment to this Agreement. If Contractor proceeds without such written authorization, Contractor shall be deemed to have waived any claim for additional compensation, including a claim based on the theory of unjust enrichment, quantum merit or implied contract. Except as expressly provided herein, no agent, employee, or representative of the Town is authorized to modify any term of this Agreement, either directly or implied by a course of action.

**II. TERM AND TERMINATION**

A. This Agreement shall commence on the Effective Date, and shall continue until Contractor completes the Scope of Services to the satisfaction of the Town, or until terminated as provided herein.

B. Either Party may terminate this Agreement upon 30 days advance written notice. The Town shall pay Contractor for all work previously authorized and completed prior to the date of termination. If, however, Contractor has substantially or materially breached this Agreement, the Town shall have any remedy or right of set-off available at law and equity.

**III. COMPENSATION**

In consideration for the completion of the Scope of Services by Contractor, the Town shall pay Contractor an amount not to exceed $\_\_\_\_\_\_\_\_\_\_. This amount shall include all fees, costs and expenses incurred by Contractor, and no additional amounts shall be paid by the Town for such fees, costs and expenses. Contractor shall not be paid until the Scope of Services is completed to the satisfaction of the Town.

**IV. PROFESSIONAL RESPONSIBILITY**

A. Contractor hereby warrants that it is qualified to assume the responsibilities and render the services described herein and has all requisite corporate authority and professional licenses in good standing, required by law. The work performed by Contractor shall be in accordance with generally accepted professional practices and the level of competency presently maintained by other practicing professional firms in the same or similar type of work in the applicable community. The work and services to be performed by Contractor hereunder shall be done in compliance with applicable laws, ordinances, rules and regulations.

B. The Town's review, approval or acceptance of, or payment for any services shall not be construed to operate as a waiver of any rights under this Agreement or of any cause of action arising out of the performance of this Agreement.

C. Because the Town has hired Contractor for its professional expertise, Contractor agrees not to employ subcontractors to perform any work under the Scope of Services.

D. Contractor shall at all times comply with all applicable law, including without limitation all current and future federal, state and local statutes, regulations, ordinances and rules relating to: the emission, discharge, release or threatened release of a Hazardous Material into the air, surface water, groundwater or land; the manufacturing, processing, use, generation, treatment, storage, disposal, transportation, handling, removal, remediation or investigation of a Hazardous Material; and the protection of human health, safety or the indoor or outdoor environmental, including without limitation the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. § 9601, *et seq*. ("CERCLA"); the Hazardous Materials Transportation Act, 49 U.S.C. § 1801, *et seq*.; the Resource Conservation and Recovery Act, 42 U.S.C. § 6901, *et seq*. ("RCRA"); the Toxic Substances Control Act, 15 U.S.C. § 2601, *et seq*.; the Clean Water Act, 33 U.S.C. § 1251, *et seq*.; the Clean Air Act; the Federal Water Pollution Control Act; the Occupational Safety and Health Act; all applicable environmental statutes of the State of Colorado; and all other federal, state or local statutes, laws, ordinances, resolutions, codes, rules, regulations, orders or decrees regulating, relating to, or imposing liability or standards of conduct concerning any hazardous, toxic or dangerous waste, substance or material, in effect now or anytime hereafter.

**V. OWNERSHIP**

Any materials, items, and work specified in the Scope of Services, and any and all related documentation and materials provided or developed by Contractor shall be exclusively owned by the Town. Contractor expressly acknowledges and agrees that all work performed under the Scope of Services constitutes a "work made for hire." To the extent, if at all, that it does not constitute a "work made for hire," Contractor hereby transfers, sells, and assigns to the Town all of its right, title, and interest in such work. The Town may, with respect to all or any portion of such work, use, publish, display, reproduce, distribute, destroy, alter, retouch, modify, adapt, translate, or change such work without providing notice to or receiving consent from Contractor; provided that Contractor shall have no liability for any work that has been modified by the Town.

**VI. INDEPENDENT CONTRACTOR**

Contractor is an independent contractor. Notwithstanding any other provision of this Agreement, all personnel assigned by Contractor to perform work under the terms of this Agreement shall be, and remain at all times, employees or agents of Contractor for all purposes. Contractor shall make no representation that t is a Town employee for any purposes.

**VII. INSURANCE**

A. Contractor agrees to procure and maintain, at its own cost, a policy or policies of insurance sufficient to insure against all liability, claims, demands, and other obligations assumed by Contractor pursuant to this Agreement. At a minimum, Contractor shall procure and maintain, and shall cause any subcontractor to procure and maintain, the insurance coverages listed below, with forms and insurers acceptable to the Town.

1. Worker's Compensation insurance as required by law.

2. Commercial General Liability insurance with minimum combined single limits of $1,000,000 each occurrence and $2,000,000 general aggregate. The policy shall be applicable to all premises and operations, and shall include coverage for bodily injury, broad form property damage, personal injury (including coverage for contractual and employee acts), blanket contractual, products, and completed operations. The policy shall contain a severability of interests provision, and shall include the Town and the Town's officers, employees, and contractors as additional insureds. No additional insured endorsement shall contain any exclusion for bodily injury or property damage arising from completed operations.

3. Professional liability insurance with minimum limits of $1,000,000 each claim and $2,000,000 general aggregate.

B. Such insurance shall be in addition to any other insurance requirements imposed by law. The coverages afforded under the policies shall not be canceled, terminated or materially changed without at least 30 days prior written notice to the Town. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage. Any insurance carried by the Town, its officers, its employees or its contractors shall be excess and not contributory insurance to that provided by Contractor. Contractor shall be solely responsible for any deductible losses under any policy.

C. Contractor shall provide to the Town a certificate of insurance as evidence that the required policies are in full force and effect. The certificate shall identify this Agreement.

**VIII. INDEMNIFICATION**

A. Contractor agrees to indemnify and hold harmless the Town and its officers, insurers, volunteers, representative, agents, employees, heirs and assigns from and against all claims, liability, damages, losses, expenses and demands, including attorney fees, on account of injury, loss, or damage, including without limitation claims arising from bodily injury, personal injury, sickness, disease, death, property loss or damage, or any other loss of any kind whatsoever, which arise out of or are in any manner connected with this Agreement if such injury, loss, or damage is caused in whole or in part by, the act, omission, error, professional error, mistake, negligence, or other fault of Contractor, any subcontractor of Contractor, or any officer, employee, representative, or agent of Contractor, or which arise out of a worker's compensation claim of any employee of Contractor or of any employee of any subcontractor of Contractor. Contractor's liability under this indemnification provision shall be to the fullest extent of, but shall not exceed, that amount represented by the degree or percentage of negligence or fault attributable to Contractor, any subcontractor of Contractor, or any officer, employee, representative, or agent of Contractor or of any subcontractor of Contractor.

B. If Contractor is providing architectural, engineering, surveying or other design services under this Agreement, the extent of Contractor's obligation to indemnify and hold harmless the Town may be determined only after Contractor's liability or fault has been determined by adjudication, alternative dispute resolution or otherwise resolved by mutual agreement between the Parties, as provided by C.R.S. § 13-50.5-102(8)(c).

**IX. WORKERS WITHOUT AUTHORIZATION**

A. *Certification*. Contractor hereby certifies that, as of the Effective Date, it does not knowingly employ or contract with a worker without authorization who will perform work under this Agreement and that Contractor will participate in either the E-Verify Program administered by the U.S. Department of Homeland Security and Social Security Administration or the Department Program administered by the Colorado Department of Labor and Employment to confirm the employment eligibility of all employees who are newly hired to perform work under this Agreement.

B. *Prohibited Acts*. Contractor shall not knowingly employ or contract with a worker without authorization to perform work under this Agreement, or enter into a contract with a subcontractor that fails to certify to Contractor that the subcontractor shall not knowingly employ or contract with a worker without authorization to perform work under this Agreement.

C. *Verification*.

1. If Contractor has employees, Contractor has confirmed the employment eligibility of all employees who are newly hired to perform work under this Agreement through participation in either the E-Verify Program or the Department Program.

2. Contractor shall not use the E-Verify Program or Department Program procedures to undertake pre-employment screening of job applicants while this Agreement is being performed.

3. If Contractor obtains actual knowledge that a subcontractor performing work under this Agreement knowingly employs or contracts with a worker without authorization who is performing work under this Agreement, Contractor shall: notify the subcontractor and the Town within 3 days that Contractor has actual knowledge that the subcontractor is employing or contracting with a worker without authorization who is performing work under this Agreement; and terminate the subcontract with the subcontractor if within 3 days of receiving the notice required pursuant to subsection 1 hereof, the subcontractor does not stop employing or contracting with the worker without authorization who is performing work under this Agreement; except that Contractor shall not terminate the subcontract if during such 3 days the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with a worker without authorization who is performing work under this Agreement.

D. *Duty to Comply with Investigations*. Contractor shall comply with any reasonable request by the Colorado Department of Labor and Employment made in the course of an investigation conducted pursuant to C.R.S. § 8-17.5-102(5)(a) to ensure that Contractor is complying with the terms of this Agreement.

E. *Affidavits*. If Contractor does not have employees, Contractor shall sign the "No Employee Affidavit" attached hereto. If Contractor wishes to verify the lawful presence of newly hired employees who perform work under the Agreement via the Department Program, Contractor shall sign the "Department Program Affidavit" attached hereto.

**X. MISCELLANEOUS**

A. *Governing Law and Venue*. This Agreement shall be governed by the laws of the State of Colorado, and any legal action concerning the provisions hereof shall be brought in Eagle County, Colorado.

B. *No Waiver*. Delays in enforcement or the waiver of any one or more defaults or breaches of this Agreement by the Town shall not constitute a waiver of any of the other terms or obligation of this Agreement.

C. *Integration*. This Agreement constitutes the entire agreement between the Parties, superseding all prior oral or written communications.

D. *Third Parties*. There are no intended third-party beneficiaries to this Agreement.

E. *Notice*. Any notice under this Agreement shall be in writing, and shall be deemed sufficient when directly presented or sent pre-paid, first class U.S. Mail to the Party at the address set forth on the first page of this Agreement.

F. *Severability*. If any provision of this Agreement is found by a court of competent jurisdiction to be unlawful or unenforceable for any reason, the remaining provisions hereof shall remain in full force and effect.

G. *Modification*. This Agreement may only be modified upon written agreement of the Parties.

H. *Assignment*. Neither this Agreement nor any of the rights or obligations of the Parties shall be assigned by either Party without the written consent of the other.

I. *Governmental Immunity*. The Town and its officers, attorneys and employees, are relying on, and do not waive or intend to waive by any provision of this Agreement, the monetary limitations or any other rights, immunities or protections provided by the Colorado Governmental Immunity Act, C.R.S. § 24-10-101, *et seq.*, as amended, or otherwise available to the Town and its officers, attorneys or employees.

J. *Rights and Remedies*. The rights and remedies of the Town under this Agreement are in addition to any other rights and remedies provided by law. The expiration of this Agreement shall in no way limit the Town's legal or equitable remedies, or the period in which such remedies may be asserted, for work negligently or defectively performed.

K. *Subject to Annual Appropriation*. Consistent with Article X, § 20 of the Colorado Constitution, any financial obligation of the Town not performed during the current fiscal year is subject to annual appropriation, shall extend only to monies currently appropriated, and shall not constitute a mandatory charge, requirement, debt or liability beyond the current fiscal year.

L. *Force Majeure*. No Party shall be in breach of this Agreement if such Party's failure to perform any of the duties under this Agreement is due to Force Majeure, which shall be defined as the inability to undertake or perform any of the duties under this Agreement due to acts of God, floods, fires, sabotage, terrorist attack, strikes, riots, war, labor disputes, forces of nature, the authority and orders of government or pandemics.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the Effective Date.

**TOWN OF VAIL, COLORADO**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Kristen Bertuglia, Environmental Sustainability Director

ATTEST:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Tammy Nagel, Town Clerk

**CONTRACTOR**

By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

STATE OF COLORADO )

) ss.

COUNTY OF \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ )

The foregoing instrument was subscribed, sworn to and acknowledged before me this \_\_\_ day of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, 2022, by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

My commission expires:

(S E A L) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notary Public