

RESOLUTION No. 23-418

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NEVADA

RESOLUTION RESCINDING RESOLUTION 23-233 AND APPROVING THE REVISED CONTRACT BETWEEN TETRA TECH AND NEVADA COUNTY OFFICE OF EMERGENCY SERVICES FOR THE FEMA HAZARD MITIGATION GRANT PROGRAM FOR THE HMGP DR-4558-288-088P COUNTY OF NEVADA LOCAL HAZARD MITIGATION PLAN UPDATE IN THE AMOUNT OF \$112,500 FOR USE DURING THE PERIOD AUGUST 8, 2023 THROUGH MAY 31, 2024, AMENDING THE FISCAL YEAR 2022/23 OFFICE OF EMERGENCY SERVICES BUDGET, AUTHORIZING THE DIRECTOR OF EMERGENCY SERVICES TO EXECUTE THE CONTRACT (4/5 AFFIRMATIVE VOTE REQUIRED)

WHEREAS, the FEMA Hazard Mitigation Grant Program funds efforts to engage in systematic and nationally uniform planning efforts that will result in locally tailored programs and projects that help minimize loss of life, destruction of property, damage to the environment and the total cost of disasters before they occur; and

WHEREAS, The Office of Emergency Services submitted a grant proposal to the FEMA Hazard Mitigation Grant Program on March 1, 2021 for the Local Hazard Mitigation Plan Update; and

WHEREAS, FEMA awarded funds for this project on November 4, 2022 through the grant HMGP DR-4558-288-088P and accepted by the Board of Supervisors through Resolution 23-047 on January 24, 2023; and

WHEREAS, the County of Nevada Local Hazard Mitigation Plan Update will include a mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools; and

WHEREAS, the Office of Emergency Services enlisted the Purchasing Division to develop competitive Bid No. 167257 for a qualified Consultant to produce the Local Hazard Mitigation Plan; and

WHEREAS, the advertisement was distributed to over nine hundred thirteen firms. Fifty firms accessed the Bid documents and bids were received from eight firms; and

WHEREAS, Purchasing conducted a thorough evaluation of all bids received to determine the most qualified applicant and has identified that TETRA TECH is the qualified firm; and

WHEREAS, Purchasing has recommended that the Office of Emergency Services enter into a contract with TETRA TECH in the not to exceed amount of \$112,500; and

WHEREAS, in accordance with the Purchasing Policy, section 7.1 (B) Board approval is required for all Contracts in excess of \$50,000; and

WHEREAS, a contract between Tetra Tech and Nevada County Office of Emergency Services was brought to the Board of Supervisors and approved Resolution 23-233 on May 23, 2023 but revisions were subsequently made before contract execution.

NOW, THEREFORE, BE IT RESOLVED by a four-fifths affirmative vote, that the Board of Supervisors of the County of Nevada, State of California, rescinds Resolution 23-233 and approves the revised contract between TETRA TECH for the FEMA Hazard Mitigation Grant Program for the County of Nevada Local Hazard Mitigation Plan Update (HMGP DR-4558-288-088P) in the amount of \$112,500 provided by FEMA for the term of August 8, 2023 through May 31, 2024, authorizes the Director of Emergency Services to execute the contract on behalf of the County of Nevada, and amends the Office of Emergency Services Fiscal Year 2023/24 budget as follows:

Increase:		
0101-20702-414-1000	446700	\$112,500
0101-20702-414-1000	521520	\$112,500

PASSED AND ADOPTED by the Board of Supervisors of the County of Nevada at a regular meeting of said Board, held on the 8th day of August, 2023, by the following vote of said Board:

Ayes: Supervisors Heidi Hall, Edward C. Scofield, Lisa Swarthout, Susan Hoek and Hardy Bullock.
Noes: None.
Absent: None.
Abstain: None.

ATTEST:

JULIE PATTERSON HUNTER
Clerk of the Board of Supervisors

By: 


Edward C. Scofield, Chair

Administering Agency: Nevada County Office of Emergency Services

Contract No. _____

Contract Description: **TETRA TECH Local Hazard Mitigation Plan Consulting Services**

PROFESSIONAL SERVICES CONTRACT

THIS PROFESSIONAL SERVICES CONTRACT ("Contract") is made at Nevada City, California, as of May 23, 2023 by and between the County of Nevada, ("County"), and TETRA TECH ("Contractor") (together, "Parties", individual "Party"), who agree as follows:

1. **Services** Subject to the terms and conditions set forth in this Contract, Contractor shall provide the services described in Exhibit A. Contractor shall provide said services at the time, place, and in the manner specified in Exhibit A.
2. **Payment** County shall pay Contractor for services rendered pursuant to this Contract at the time and in the amount set forth in Exhibit B. The payments specified in Exhibit B shall be the only payment made to Contractor for services rendered pursuant to this Contract. Contractor shall submit all billings for said services to County in the manner specified in Exhibit B; or, if no manner be specified in Exhibit B, then according to the usual and customary procedures which Contractor uses for billing clients similar to County. **The amount of the contract shall not exceed one hundred and twelve thousand five hundred dollars (\$112,500.00).**
3. **Term** This Contract shall commence on August 8, 2023. All services required to be provided by this Contract shall be completed and ready for acceptance no later than the **Contract Termination Date** of: May 31, 2024.
4. **Facilities, Equipment and Other Materials** Contractor shall, at its sole cost and expense, furnish all facilities, equipment, and other materials which may be required for furnishing services pursuant to this Contract.
5. **Exhibits** All exhibits referred to herein and attached hereto are incorporated herein by this reference.
6. **Electronic Signatures** The Parties acknowledge and agree that this Contract may be executed by electronic signature, which shall be considered as an original signature for all purposes and shall have the same force and effect as an original signature. Without limitation, "electronic signature" shall include faxed or emailed versions of an original signature or electronically scanned and transmitted versions (e.g., via pdf) of an original signature.
7. **Time for Performance** Time is of the essence. Failure of Contractor to perform any services within the time limits set forth in Exhibit A, or elsewhere in this Contract, shall constitute material breach of this contract. Contractor shall devote such time to the performance of services pursuant to this Contract as may be reasonably necessary for the satisfactory performance of Contractor's obligations pursuant to this Contract. Neither Party shall be considered in default of this Contract to the extent performance is prevented or delayed by any cause, present or future, which is beyond the reasonable control of the Party.

8. **Liquidated Damages**
Liquidated Damages are presented as an estimate of an intangible loss to the County. It is a provision that allows for the payment of a specified sum should Contractor be in breach of contract. Liquidated Damages shall apply shall not apply to this contract. Liquidated Damages applicable to this contract are incorporated in Exhibit E, attached hereto.

9. **Relationship of Parties**

9.1. **Independent Contractor**

In providing services herein, Contractor, and the agents and employees thereof, shall work in an independent capacity and as an independent contractor and not as agents or employees of County. Contractor acknowledges that it customarily engages independently in the trade, occupation, or business as that involved in the work required herein. Further, the Parties agree that Contractor shall perform the work required herein free from the control and direction of County, and that the nature of the work is outside the usual course of County's business. In performing the work required herein, Contractor shall not be entitled to any employment benefits, Workers' Compensation, or other programs afforded to County employees. Contractor shall hold County harmless and indemnify County against such claim by its agents or employees. County makes no representation as to the effect of this independent contractor relationship on Contractor's previously earned California Public Employees Retirement System ("CalPERS") retirement benefits, if any, and Contractor specifically assumes the responsibility for making such determination. Contractor shall be responsible for all reports and obligations including but not limited to: social security taxes, income tax withholding, unemployment insurance, disability insurance, workers' compensation and other applicable federal and state taxes.

9.2. **No Agent Authority** Contractor shall have no power to incur any debt, obligation, or liability on behalf of County or otherwise to act on behalf of County as an agent. Neither County nor any of its agents shall have control over the conduct of Contractor or any of Contractor's employees, except as set forth in this Contract. Contractor shall not represent that it is, or that any of its agents or employees are, in any manner employees of County.

9.3. **Indemnification of CalPERS Determination** In the event that Contractor or any employee, agent, or subcontractor of Contractor providing service under this Contract is determined by a court of competent jurisdiction or CalPERS to be eligible for enrollment in CalPERS as an employee of County, Contractor shall indemnify, defend, and hold harmless County for all payments on behalf of Contractor or its employees, agents, or subcontractors, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of County.

10. **Assignment and Subcontracting** Except as specifically provided herein, the rights, responsibilities, duties and services to be performed under this Contract are personal to Contractor and may not be transferred, subcontracted, or assigned without the prior written consent of County. Contractor shall not substitute or replace any personnel for those specifically named herein or in its proposal without the prior written consent of County.

Contractor shall cause and require each transferee, subcontractor, and assignee to comply with the insurance provisions set forth herein, to the extent such insurance provisions are required of Contractor under this Contract. Failure of Contractor to so cause and require such compliance by each transferee, subcontractor, and assignee shall constitute a material breach of this Contract, and, in addition to any other remedy available at law or otherwise, shall serve as a basis upon which County may elect to suspend payments hereunder, or terminate this Contract, or both.

11. **Licenses, Permits, Etc.** Contractor represents and warrants to County that Contractor shall, at its sole cost and expense, obtain or keep in effect at all times during the term of this Contract, any licenses, permits, and approvals which are legally required for Contractor to practice its profession at the time the services are performed.
12. **Hold Harmless and Indemnification Contract** To the fullest extent permitted by law, each Party (the "Indemnifying Party") hereby agrees to protect, defend, indemnify, and hold the other Party (the "Indemnified Party"), its officers, agents, employees, and volunteers, free and harmless from any and all losses, claims, liens, demands, and causes of action of every kind and character resulting from the Indemnifying Party's negligent act, willful misconduct, or error or omission, including, but not limited to, the amounts of judgments, penalties, interest, court costs, legal fees, and all other expenses incurred by the Indemnified Party arising in favor of any party, including claims, liens, debts, personal injuries, death, or damages to property (including employees or property of the Indemnified Party) and without limitation, all other claims or demands of every character occurring or in any way incident to, in connection with or arising directly or indirectly out of, the Contract. The Indemnifying Party agrees to investigate, handle, respond to, provide defense for, and defend any such claims, demand, or suit at the sole expense of the Indemnifying Party, using legal counsel approved in writing by Indemnified Party. Indemnifying Party also agrees to bear all other costs and expenses related thereto, even if the claim or claims alleged are groundless, false, or fraudulent. This provision is not intended to create any cause of action in favor of any third party against either Party or to enlarge in any way either Party's liability but is intended solely to provide for indemnification of the Indemnified Party from liability for damages, or injuries to third persons or property, arising from or in connection with Indemnifying Party's performance pursuant to this Contract. This obligation is independent of, and shall not in any way be limited by, the minimum insurance obligations contained in this Contract.
13. **Standard of Performance** Contractor shall perform all services required pursuant to this Contract in the manner and according to the standards observed by a competent practitioner of the profession in which Contractor is engaged in the geographical area in which Contractor practices its profession. All products of whatsoever nature which Contractor delivers to County pursuant to this Contract shall be prepared in a substantial first class and workmanlike manner and conform to the standards or quality normally observed by a person practicing in Contractor's profession.
14. **Contractor without additional compensation** Contractor's personnel, when on County's premises and when accessing County network remotely, shall comply with County's regulations regarding security, remote access, safety and professional conduct, including but not limited to Nevada County Security Policy NCSP-102 Nevada County External User Policy and Account Application regarding data and access security. Contractor personnel will solely utilize County's privileged access management platform for all remote access support functions, unless other methods are granted in writing by County's Chief Information Officer or his/her designee.
15. **Prevailing Wage and Apprentices** To the extent made applicable by law, performance of this Contract shall be in conformity with the provisions of California Labor Code, Division 2, Part 7, Chapter 1, commencing with section 1720 relating to prevailing wages which must be paid to workers employed on a public work as defined in Labor Code section 1720, et seq., and shall be in conformity with Title 8 of the California Code of Regulations section 200 et seq., relating to apprenticeship. Where applicable:
 - Contractor shall comply with the provisions thereof at the commencement of services to be provided herein, and thereafter during the term of this Contract. A breach of the requirements of this section shall be deemed a material breach of this contract. Applicable

prevailing wage determinations are available on the California Department of Industrial Relations website at <http://www.dir.ca.gov/OPRL/PWD>.

- Contractor and all subcontractors must comply with the requirements of Labor Code section 1771.1(a) pertaining to registration of contractors pursuant to section 1725.5. Registration and all related requirements of those sections must be maintained throughout the performance of the Contract.
 - Contracts to which prevailing wage requirements apply are subject to compliance monitoring and enforcement by the Department of Industrial Relations. Contractor and each subcontractor must furnish certified payroll records to the Labor Commissioner at least monthly.
 - County is required to provide notice to the Department of Industrial Relations of any public work contract subject to prevailing wages within five (5) days of award.
16. **Accessibility** It is the policy of County that all County services, programs, meetings, activities and facilities shall be accessible to all persons, and shall comply with the provisions of the Americans With Disabilities Act and Title 24, California Code of Regulations. To the extent this Contract shall call for Contractor to provide County contracted services directly to the public, Contractor shall certify that said direct services are and shall be accessible to all persons.
17. **Nondiscriminatory Employment** Contractor shall not discriminate in its employment practices because of race, religious creed, color, national origin, ancestry, physical handicap, medical condition, marital status, sex or sexual orientation, or any other legally protected category, in contravention of the California Fair Employment and Housing Act, Government Code section 12900 et seq.
18. **Drug-Free Workplace** Senate Bill 1120, (Chapter 1170, Statutes of 1990), requires recipients of State grants to maintain a "drug-free workplace". Every person or organization awarded a contract for the procurement of any property or services shall certify as required under Government Code Section 8355-8357 that it will provide a drug-free workplace.
19. **Political Activities** Contractor shall in no instance expend funds or use resources derived from this Contract on any political activities.
20. **Financial, Statistical and Contract-Related Records:**
- 20.1. **Books and Records** Contractor shall maintain statistical records and submit reports as required by County. Contractor shall also maintain accounting and administrative books and records, program procedures and documentation relating to licensure and accreditation as they pertain to this Contract. All such financial, statistical and contract-related records shall be retained for five (5) years or until program review findings and/or audit findings are resolved, whichever is later. Such records shall include but not be limited to bids and all supporting documents, original entry books, canceled checks, receipts, invoices, payroll records, including subsistence, travel and field expenses, together with a general ledger itemizing all debits and credits.
- 20.2. **Inspection** Upon reasonable advance notice and during normal business hours or at such other times as may be agreed upon, Contractor shall make all of its books and records, including general business records, available for inspection, examination or copying, to County, or to the State Department of Health Care Services, the Federal Department of Health and Human Services, the Controller General of the United States and to all other authorized federal and state agencies, or their duly authorized representatives.

20.3. **Audit** Contractor shall permit the aforesaid agencies or their duly authorized representatives to audit all books, accounts or records relating to this Contract, and all books, accounts or records of any business entities controlled by Contractor who participated in this Contract in any way. All such records shall be available for inspection by auditors designated by County or State, at reasonable times during normal business hours. Any audit may be conducted on Contractor's premises or, at County's option, Contractor shall provide all books and records within fifteen (15) days upon delivery of written notice from County. Contractor shall promptly refund any moneys erroneously charged and shall be liable for the costs of audit if the audit establishes an over-charge of five percent (5%) or more of the correct amount owed during the audit period.

21. **Termination**

- A. A material breach, as defined pursuant to the terms of this Contract or otherwise, in addition to any other remedy available at law or otherwise, shall serve as a basis upon which County may elect to immediately suspend payments hereunder, or terminate this Contract, or both, without notice.
- B. If Contractor fails to timely provide in any manner the services materials and products required under this Contract, or otherwise fails to promptly comply with the terms of this Contract, or violates any ordinance, regulation or other law which applies to its performance herein, County may terminate this Contract by giving **five (5) calendar days written notice to Contractor**.
- C. Either Party may terminate this Contract for any reason, or without cause, by giving **thirty (30) calendar days written notice** to the other, which notice shall be sent by registered mail in conformity with the notice provisions, below. In the event of termination not the fault of Contractor, Contractor shall be paid for services performed to the date of termination in accordance with the terms of this Contract. Contractor shall be excused for failure to perform services herein if such performance is prevented by acts of God, strikes, labor disputes or other forces over which Contractor has no control.
- D. County, upon giving **thirty (30) calendar days written notice** to Contractor, shall have the right to terminate its obligations under this Contract at the end of any fiscal year if County or the State of California, as the case may be, does not appropriate funds sufficient to discharge County's obligations coming due under this contract.

In the event this Contract is terminated:

- 1) Contractor shall deliver copies of all writings prepared by it pursuant to this Contract. The term "writings" shall be construed to mean and include: handwriting, typewriting, printing, photostating, photographing, and every other means of recording upon any tangible thing any form of communication or representation, including letters, words, pictures, sounds, or symbols, or combinations thereof.
- 2) County shall have full ownership and control of all such writings delivered by Contractor pursuant to this Contract.
- 3) County shall pay Contractor the reasonable value of services rendered by Contractor to the date of termination pursuant to this Contract not to exceed the amount documented by Contractor and approved by County as work accomplished to date; provided, however, that in no event shall any payment hereunder exceed the amount of the Contract specified in Exhibit B, and further provided, however, County shall not in any manner be liable for lost profits which might have been made by Contractor had Contractor completed the services required by this Contract. In this regard, Contractor shall furnish to County such financial information as in the judgment of County is necessary to determine the reasonable value of the services rendered by Contractor. The foregoing is cumulative and does not affect any right or remedy, which County may have in law or equity.

22. **Intellectual Property** Contractor will not publish or transfer any materials produced or resulting from activities supported by this Contract without the express written consent of County. All reports, original drawings, graphics, plans, studies and other data and documents, in whatever form or format, assembled or prepared by Contractor or Contractor's subcontractors, consultants, and other agents in connection with this Contract are "works made for hire" (as defined in the Copyright Act, 17 U.S.C. Section 101 et seq., as amended) for County, and Contractor unconditionally and irrevocably transfers and assigns to County all right, title, and interest, including all copyrights and other intellectual property rights, in or to the "works made for hire." Unless required by law, Contractor shall not publish, transfer, discuss, or disclose any of the above-described works made for hire or any information gathered, discovered, or generated in any way through this Contract, without County's prior express written consent. To the extent County provides any of its own original photographs, diagrams, plans, documents, information, reports, computer code and all recordable media together with all copyright interests thereto, to Contractor during this Contract, such information shall remain the property of County, and upon fifteen (15) days demand therefor, shall be promptly delivered to County without exception.
23. **Waiver** One or more waivers by one Party of any major or minor breach or default of any provision, term, condition, or covenant of this Contract shall not operate as a waiver of any subsequent breach or default by the other Party.
24. **Conflict of Interest** Contractor certifies that no official or employee of County, nor any business entity in which an official of County has an interest, has been employed or retained to solicit or aid in the procuring of this Contract. In addition, Contractor agrees that no such person will be employed in the performance of this Contract unless first agreed to in writing by County. This includes prior Nevada County employment in accordance with County's Personnel Code.
25. **Entirety of Contract** This Contract contains the entire Contract of County and Contractor with respect to the subject matter hereof, and no other contract, statement, or promise made by any Party, or to any employee, officer or agent of any Party, which is not contained in this Contract, shall be binding or valid.
26. **Alteration** No waiver, alteration, modification, or termination of this Contract shall be valid unless made in writing and signed by all Parties, except as expressly provided in Section 20, Termination.
27. **Governing Law and Venue** This Contract is executed and intended to be performed in the State of California, and the laws of that State shall govern its interpretation and effect. The venue for any legal proceedings regarding this Contract shall be the County of Nevada, State of California. Each Party waives any federal court removal and/or original jurisdiction rights it may have.
28. **Compliance with Applicable Laws** Contractor and any subcontractors shall comply with any and all federal, state and local laws, codes, ordinances, rules and regulations which relate to, concern or affect the services or type of services to be provided by this Contract.
29. **Additional Contractor Responsibilities**
- A. To the extent Contractor is a mandated reporter of suspected child and/or dependent adult abuse and neglect, it shall ensure that its employees, agents, volunteers, subcontractors, and independent contractors are made aware of, understand, and comply with all reporting requirements. Contractor shall immediately notify County of any incident or condition resulting in injury, harm, or risk of harm to any child or dependent adult served under this Contract.

- B. Contractor will immediately notify County of any active complaints, lawsuits, licensing or regulatory investigations, reports of fraud or malfeasance, or criminal investigations regarding its operations. Contractor agrees to work cooperatively with County in response to any investigation commenced by County with regard to this Contract or the clients served herein, including providing any/all records requested by County related thereto.
- C. Contractor shall employ reasonable background check procedures on all employees, prospective employees, volunteers and consultants performing work involving direct contact with minor children or dependent adults under this Contract, including fingerprinting and criminal records checks, sexual offender registry checks, and reference checks, including both personal and professional references.

30. **Confidentiality** Contractor, its employees, agents and or subcontractors may come in contact with documents that contain information regarding matters that must be kept confidential by County, including personally identifiable patient or client information. Even information that might not be considered confidential for the usual reasons of protecting non-public records should be considered by Contractor to be confidential.

Contractor agrees to maintain confidentiality of information and records as required by applicable federal, state, and local laws, regulations and rules and recognized standards of professional practice.

Notwithstanding any other provision of this Contract, Contractor agrees to protect the confidentiality of any confidential information with which Contractor may come into contact in the process of performing its contracted services. This information includes but is not limited to all written, oral, visual and printed patient or client information, including but not limited to: names, addresses, social security numbers, date of birth, driver’s license number, case numbers, services provided, social and economic conditions or circumstances, agency evaluation of personal information, and medical data.

Contractor shall not retain, copy, use, or disclose this information in any manner for any purpose that is not specifically permitted by this Contract. Violation of the confidentiality of patient or client information may, at the option of County, be considered a material breach of this Contract.

31. **Notification** Any notice or demand desired or required to be given hereunder shall be in writing and deemed given when personally delivered or deposited in the mail, postage prepaid, and addressed to the Parties as follows:

32.

COUNTY OF NEVADA:

Nevada County
 Office of Emergency Services Department
 Address: 950 Maidu Avenue Suite 130
 City, St, Zip Nevada City, CA 95959
 Attn: Alex Keeble-Toll
 Email: alex.keeble-toll@nevadacountyca.gov
 Phone: 530-470-2521

CONTRACTOR:

Name of firm
 TETRA TECH
 Address 2301 Lucien Way, Suite 120
 City, St, Zip Maitland, FL 32751
 Attn: Ms. Betty Kamara
 Email: TDR.contracts@tetrattech.com
 Phone: 321-441-8518

Any notice so delivered personally shall be deemed to be received on the date of delivery, and any notice mailed shall be deemed to be received five (5) days after the date on which it was mailed.

Authority: All individuals executing this Contract on behalf of Contractor represent and warrant that they are authorized to execute and deliver this Contract on behalf of Contractor.

IN WITNESS WHEREOF, the Parties have executed this Contract to begin on the Effective Date.

COUNTY OF NEVADA:

By: _____ Date: _____

Printed Name/Title: Craig Griesbach, Director, Office of Emergency Services

CONTRACTOR: TETRA TECH

By: _____ Date: _____

Name: _____

* Title: _____

Exhibits

- A. Schedule of Services
 - B. Schedule of Charges and Payments
 - C. Insurance Requirements
- Summary Page

EXHIBIT A

SCHEDULE OF SERVICES

TETRA TECH shall provide staff with the requisite technical expertise to complete the Local Hazard Mitigation Plan (LHMP) Update in accordance with current best-practices for LHMP development, including integration of the 2018 FEMA Opportunities for Improvement.

TETRA TECH shall develop a draft Plan in a timely manner sufficient to integrate revisions from Cal OES and FEMA, finalize the Plan, and lead the FEMA Approval process. TETRA TECH shall be responsible for LHMP development until FEMA issues an Approval Pending Adoption (APA) letter. The primary deliverable is a FEMA-approved multi-hazard mitigation plan in accordance with 44 CFR Section 201.6.

The following Tasks shall apply:

PHASE 1: Organize Resources

Organize available resources with a focus on consideration of the 2018 FEMA Opportunities for Improvement so that areas for improvement are integrated into subsequent project activities.

PHASE 2: Update the Risk Assessment

Lead hazard analysis.

- Coordinate with Nevada County Wildfire Coordinator to integrate wildfire hazard analysis into the plan.
- Coordinate with Contractors concurrently leading the Community Wildfire Protection Plan Update and the Nevada County Evacuation Study to integrate additional hazard analysis data as relevant.
- Develop local-level maps of hazards, describing locations impacted by hazards.
- Address remaining opportunities for improvement to the Hazard Identification and Risk Assessment section of the plan to the extent possible.

PHASE 3: Public Engagement

Effectively engage the public.

- Plan and execute community meetings, press releases, and the development of website postings.
- Solicit direct input from the Nevada County Office of Emergency Services.

PHASE 4: Confirm Mission, Goals, Objectives, Capabilities and Actions

Lead agency coordination.

- Plan and convene Working Group Meetings.
- Coordinate with other agencies in Nevada County, including agencies “within” County of Nevada as well as other relevant agencies and leaders.

Leverage and vet items identified as part of Working Group Meetings in order to set goals.

PHASE 5: Plan Maintenance Strategy

Develop mitigation strategies.

- Articulate how hazard mitigation information can be incorporated into local planning mechanisms.

PHASE 6: Assemble the Updated Plan

Review activities and draft Plan.

Conduct benefit-cost analysis.

Lead Plan revision process with Cal OES and FEMA.

PHASE 7: Plan Review and Adoption

Finalize Plan and lead Plan Approval process with FEMA.

PHASE 8: Project Management

The following Deliverables shall be provided:

- List of resources consulted and works cited.
- List of public stakeholders that participated, a summary of how they participated, and the input/value provided.
- Agendas, Meeting Notes, and List of Attendees for Working Group Meetings.
- Local level maps of hazards/areas impacted by hazards.
- List of Mitigation Strategies.
- List of Goals.
- Benefit-Cost Analysis.
- Draft LHMP.
- FEMA-Approved LHMP and Approval Pending Adoption (APA) Letter from FEMA.

The following Reporting Requirements shall be met:

- Bi-Weekly: Meet with County OES staff and provide oral report of project status.
- Monthly: Submit written summary report to County OES staff.
- Annually: Submit written final report to County OES staff.

EXHIBIT B

SCHEDULE OF CHARGES AND PAYMENTS

Maximum Limit & Fee Schedule

Contractor's compensation shall be paid at the schedule shown below. Reimbursement of travel, lodging and miscellaneous expenses is authorized with the following stipulations: contractor is limited to the most economic mode of travel. Reimbursement for mileage must be tracked and will be reimbursed at the standard IRS rate. Hotel is allowable with standard US GSA Per Diem Rates applying. Per Diem is allowable with standard US GSA Per Diem Rates applying and the additional stipulation that the rate is limited to 75% on the first and last day of travel. Travel must be approved by County of Nevada three days prior to occurrence to qualify for reimbursement.

All expenses of Contractor, including any expert or professional assistance retained by Contractor to complete the work performed under this Contract shall be borne by Contractor.

The total of all payments made under this Contract shall not exceed the amount shown in Section 2 of this Contract.

Invoice Schedule

Invoices shall be submitted to County in a form and with sufficient detail, as described in the "Required Reporting" section below. Contractor may bill the County on a monthly basis but no less than quarterly, by the 10th of each month following the end of the quarter. A final invoice shall be submitted no later than 30 days after completion, expiration, or termination of this Agreement.

All invoices shall be accompanied by a progress report. Work performed by Contractor will be subject to final acceptance by County project manager(s).

Payments shall be made based on actual costs incurred.

The level of required reporting shown below is needed to enable the County to meet its Reporting obligations to the Grantor (per the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, 2 CFR Part 200 et al (commonly referred to as the "OMB Super Circular" or "Uniform Guidance").

Each Invoice shall include the following:

- The word "invoice" shall appear at the top of the page.
- Contractor Information- Including name and address.
- Date of invoice submission and a unique invoice number.
- The dates or time-period during which the invoiced costs were incurred, expenditures for the current invoice and cumulative expenditures to date
- Total hours billed on the invoice by staff member, hourly rate, and corresponding Task or milestone.
- Supporting documentation shall include timecard reports, or corresponding expenses, e.g. venue rental invoice, etc.
- Back up documentation listed in separate section below.

Required reporting:

- Each invoice submission shall be accompanied by the corresponding monthly report(s).

- Monthly reports shall correspond to invoiced work. A summary of the work completed by Task and Subtask or Milestone shall be included in each report, including start date, completion date, and status of project. Quantifiable data shall be included where possible.

Required supporting documentation:

- For each invoice, attach copies of receipts for all expenses including copies of the timesheet of staff to confirm number of hours worked.
- Receipts and/or invoices for supplies, venue rentals, etc.

Payment will be withheld if reporting requirements are not met and/or sufficient documents are not submitted with invoices. Payment will resume upon complete submissions.

Invoices

Invoices shall be submitted to County in a form and with sufficient detail as required by County. Work performed by Contractor will be subject to final acceptance by County project manager(s).

Submit all invoices to:

Nevada County
 Office of Emergency Services Department
 Address: 950 Maidu Avenue Suite 130
 City, St, Zip Nevada City, CA 95959
 Attn: Alex Keeble-Toll
 Email: alex.keeble-toll@nevadacountyca.gov
 Phone: 530-470-2521

County will make payment within thirty (30) days after the billing is received and approved by County and as outlined in the Scope of Work.

Payment Schedule

The fee for services will be based on the actual hours of services furnished multiplied by Contractor’s hourly rates plus non-labor expenses. Table 1 below shows the estimated cost breakdown by project phase. Table 2 outlines the anticipated staff positions and level of effort for the services. Table 3 provides the estimated cost for reimbursable expenses and other direct costs. Invoices for this project may be submitted as frequently as monthly and no less frequently than quarterly.

Table 1: Estimated Labor Cost Breakdown by Project Phase [1][2]

Project Phase	Estimated Labor Cost
Phase 1: Organize Resources	\$14,019.26
Phase 2: Update the Risk Assessment	\$26,283.04
Phase 3: Public Engagement	\$11,307.48
Phase 4: Confirm Mission, Goals, Objectives, Capabilities and Actions	\$6,758.64
Phase 5: Plan Maintenance Strategy	\$3,208.56
Phase 6: Assemble the Updated Plan	\$34,921.28
Phase 7: Plan review and Adoption	\$3,208.56
Phase 8: Project Management	\$7,762.70
Estimated Total Labor Costs	\$107,469.52

Table 2: Estimated Labor Cost Breakdown by Labor Category [1][2]

Labor Category	Staff Name	Hourly Rate	Estimated Hours per Project Phase								Estimated Total
			1	2	3	4	5	6	7	8	
Project Manager	Rob Flaner	\$170.78	16	8	8	8	8	16	8	40	\$19,127.36
QA/QC	Alison Miskiman	\$169.48						8			\$1,355.84
Technical/Format Editor	Dan Portman	\$157.53						100			\$15,753.00
Senior Planner/Scientist I	Bart Spencer	\$139.73	40		24	16	8	16	8		\$15,649.76
Senior Planner/Scientist I	Jaleesa Tate	\$139.73						12			\$1,676.76
Senior GIS Analyst	Carol Baumann	\$125.49	8	48	4			12			\$9,035.28
Staff Planner/Scientist II	Chris Huch	\$111.26						12			\$1,335.12
Staff Planner/Scientist II	Heather Apgar	\$111.26						12			\$1,335.12
GIS Analyst II	Alysa Wentz	\$94.44		90	4						\$8,877.36
GIS Analyst II	Kami Spahn	\$94.44		90	4						\$8,877.36
Financial Manager	Jay Burgiel	\$93.15								10	\$931.50
Associate Planner/Scientist II	Megan Brotherton	\$90.56	40		24	24	8	40	8		\$13,040.64
Associate Planner/Scientist I	Grace Altenburg	\$78.92	8	24	40	8		24			\$8,207.68
Associate Planner/Scientist I	Jessica Stokes	\$78.92						12			\$947.04
Junior Planner/Scientist I	Jake Poland	\$43.99	10			8		12			\$1,319.70
Estimated Total											\$107,469.52

[1] The above estimated level of effort and associated costs are based on available information at the time the estimates were prepared and do not represent the actual cost of the project. The fee for services will be based on the actual hours of services furnished multiplied by Tetra Tech's hourly rates plus non-labor expenses.

[2] Tetra Tech may take the following actions, in its discretion, so long as Tetra Tech does not exceed the estimated not-to-exceed: (i) Use fewer hours of one labor category and more hours of another labor category or categories and (ii) use fewer hours within one project phase and more hours within another project phase as necessary.

Table 3: Estimated Reimbursable expenses and other direct costs [3][4]

Reimbursable expenses and other direct costs	Estimated Total
BATool and Related Services	\$2,550.48
Travel Expenses	\$2,480.00
Estimated Total	\$5,030.48

[3] Other Related Cost: reproduction at \$0.10 per copy and thumb drives at \$15.00 per unit

[4] Travel Cost: at cost with no mark-up except for meals and incidentals which shall be invoiced at the GSA per diem rate (receipts are not required) and mileage shall be invoiced at the federally published rate.

Unless otherwise agreed to by County, all payments owed by County to Contractor under this Contract shall be made by Automated Clearing House (“ACH”). In the event County is unable to release payment by ACH Contractor agrees to accept payment by County warrant.

Assumptions and Limitations

- Tetra Tech assumes performance of the work under mutually agreeable contractual terms and conditions.
- **Primary Point of Contact:** The County will assign a primary point of contact to serve as project sponsor to address administrative and functional issues.
- **Project Timeline:** Tetra Tech will work with the County to determine an appropriate timeline for each deliverable, given the

County's current priorities and operational considerations. To the extent the project timeline is required to be extended due to reasons beyond Tetra Tech's control, such unforeseen circumstances may result in an increase in the project timeline and budget.

- Tetra Tech's scope, schedule and budget assumes all fully participating municipalities completed annexes and met attendance requirements.
- At the onset of the project, Tetra Tech shall provide the County and its planning partners with a specific list of data needs required for development of an LHMP. The partnership shall provide as much of these data as possible to Tetra Tech at the start of this project. These data include relevant local government planning documents and GIS shapefiles/geodatabases. The relevant local government plans include, but are not limited to, local comprehensive plans, emergency operations plans, zoning ordinances, other local plans, other Homeland Security assessment surveys, and ISO Building Code Effectiveness Grading Schedules.
- Tetra Tech will provide the County with all GIS datasets (shapefile or geo-database format) generated for this project.
- During this planning effort, except for use of Hazus, Tetra Tech will be using only GIS and other data provided by the HMPC and planning partners, and publicly available data (County GIS, State GIS, etc.). Tetra Tech shall not be responsible for providing metadata for data provided by others, other than providing any metadata that may have been included with those datasets and amending same if these data are modified by Tetra Tech.
- If there is a need for development by Tetra Tech of any GIS and other spatial datasets, either from paper map sources or otherwise, these shall be created at accuracy levels suitable for the levels of analysis and presentation required to meet the requirements of DMA planning.
- Tetra Tech assumes that digital floodplain mapping is readily available in formats suitable for direct incorporation and analysis using Hazus, and that this mapping, and all GIS data, will be provided to Tetra Tech at no charge.
- Notwithstanding the above assumptions and limitations, Tetra Tech assumes that it will not be responsible for development of GIS datasets not currently publicly available. Tetra Tech will be responsible only for use, manipulation, editing, and/or enhancement of existing GIS datasets.
- Throughout the data collection and risk assessment process, the HMPC and the planning partners shall be expected to obtain and provide data, as available, in a timely fashion.
- Throughout the planning process, the HMPC and the planning partners shall be expected to review LHMP-related material and provide feedback within one week of delivery.
- Hazard Scenarios: The scope of work for Phase 2 has assumed the following number of scenarios will be modeled using Hazus:
 - One dam failure scenario (if applicable)
 - Up to 2 flood scenarios (recommend the 100 and 500-year FEMA flood scenarios)
 - Up to 3 earthquake scenarios (recommend 1 probabilistic and 2 deterministic events)

Jurisdictional Coordination: Tetra Tech's scope and budget assumes that each jurisdiction will fully complete the three-phase jurisdictional annex process in the time allotted, so the information can be imported into the annexes; a come prepared to the proposed annex support meetings to complete their chapter (in Microsoft Word or Excel in the format provided).

- It is understood that comments regarding the draft plan, final draft plan, and final plan may be offered by committees or others at any time throughout the process, and Tetra Tech will make every reasonable attempt to address these comments in the plan documents. However, in the interest of schedule and budget, it shall remain the discretion of Tetra Tech to consider and address comments offered after mutually agreed-upon review/response deadlines.
- Tetra Tech assumes that the County will be responsible for the reproduction and distribution of all hard-copy meeting materials to the HMPC and the planning partnership. Tetra Tech will be responsible for delivering all meeting materials to the County electronically one week before the meeting date.
- Tetra Tech assumes that the County will be responsible for the reproduction and distribution of all hard-copy deliverables to the planning partnership, the state and FEMA as well as providing access to the documents to the general public (e.g., in libraries or posted on the County website).

- It is assumed that the planning partnership shall provide facilities for all meetings at no cost to Tetra Tech.
- Tetra Tech assumes that the county will fully support announcement of meetings via available media channels pursuant to DMA requirements.
- Tetra Tech assumes that the planning partnership will be responsible for any requests for resources to achieve Americans with Disabilities Act compliance for all meetings.
- **StoryMap.** The StoryMap development is proposed using the client’s ArcGIS Online account and providing user credentials to the Tetra Tech team to develop. Tetra Tech will not be developing StoryMaps using Tetra Tech’s licensing. A desktop version is included, with interactive maps and dashboarding. A mobile version or dashboarding, if requested, can be provided at an additional fee.
- ESRI products are voluntarily evaluated for accessibility under Section 508 of Rehabilitation Act (29 U.S.C. 794d). Tetra Tech cannot ensure compliance with all Section 508 standards when using ESRI or other client-provided products to build web mapping applications and tools; in addition, the team cannot ensure compliance with other standards. Most ESRI tools such as Survey 123, StoryMaps, and dashboarding offer some compliance with alternative text for images, contrasting colors, and meaningful sequences. However, mapping components may not have alternative texts or keyboard focus. A full evaluation of ESRI products can be found here: <https://www.esri.com/en-us/legal/accessibility/vpats>.
- Metadata for StoryMaps and associated products will be FGDC-compliant and limited to the following fields: purpose, description, credit, date of creation, and tags; individual attribute fields will not be defined as part of this scope of work.
- This proposal is based on inclusion of the hazards as noted in the current Nevada County Local Hazard Mitigation Plan. It is noted that, with mutual agreement with the County, some hazards may be combined, but any additional hazards would be included with mutual agreement of the County and Tetra Tech.
- During the data collection process, the Tetra Tech team may deploy a suite of intuitive, MS Word-formatted worksheets and jurisdictional annex templates with instructions to be filled out and returned by each participating jurisdiction. These files will be provided electronically and will be returned by the participants in digital MS Word format to facilitate integration into the plan.
- As noted under Phase 6 of the scope of work, Tetra Tech will prepare up to 3 complete “grant-ready” BCAs as part of the action planning portion of the scope of work. The scope and scale of these 3 projects will be determined via coordination with the Nevada County Project Manager and the planning partnership. This is considered to be an “as desired” task. If Nevada County and/or the planning partnership chooses not to exercise this task, it will not be deployed by Tetra Tech.
- **BCAs and Training:** Throughout the BCA development, the potential subapplicant shall be expected to provide information requested in electronic format. Tetra Tech will not be conducting any modeling or engineering to support these services; all engineering and modeling needed will be provided by the subapplicant, if applicable.
- In performing the scope of services, Tetra Tech will exercise the degree of skill, care, and diligence consistent with customarily accepted good practices and procedures at the time and location and for the type of services performed. The work products associated with the scope of work do not create any warranty or guarantee a BCA ratio greater than 1.0, or approval or award of funding from a third party.
- **Availability of the *BAToolSM* program:** The *BAToolSM* program will be available for one year after the contract concludes. After that period, the program would be available on a subscription basis. The County will be required to sign the *BAToolSM* program service agreement prior to its use.

- **Software Applications:** Any interactive web maps, survey tools, web-based forms, or software applications developed by Tetra Tech for this project will become the proprietary property of Tetra Tech. They are not deliverables to the County.
- **Accuracy:** Tetra Tech will rely on information furnished by other parties in performing its services under this project. In relying on such information, Tetra Tech will strive to provide the best level of accuracy; however, Tetra Tech does not assume an obligation to investigate or independently verify the accuracy or completeness of such information.
- **Acceptance of Deliverables:** Deliverables will be submitted to the County in draft format. The County must provide comments and revisions to Tetra Tech in Microsoft Word track changes, in one consolidated copy, within 14 calendar days to meet specific project timeline dates. Upon incorporation of revisions to the draft deliverables and one final resubmission to the County, the deliverables will be considered accepted. Tetra Tech will only address Cal OES-required and FEMA-required revisions to the plan; recommended revisions will be noted for the next LHMP update

EXHIBIT C

INSURANCE REQUIREMENTS

Insurance. Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by Contractor, its agents, representatives, or employees. Coverage shall be at least as broad as:

1. **Commercial General Liability CGL:** Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than **\$2,000,000** per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.
2. **Professional Liability:** (Errors and Omissions) Insurance covering environmental assessment error and omission with limit no less than **\$1,000,000** per occurrence or claim, **\$2,000,000** aggregate.
3. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if Contractor has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than **\$1,000,000** per accident for bodily injury and property damage.
4. **Workers' Compensation:** contractor affirms under penalty of perjury they are independent and without employees. Contractor affirms they carry health insurance policy, healthcare service plan, or disability insurance covering contractor for bodily injury or disease. Contractor further agrees to waive all rights to workers' compensation benefits for any accident for bodily injury or disease. Contractor hereby grants to county a waiver of any right to subrogation which any insurer of said contractor may acquire against the county by virtue of the payment of any loss under such insurance.

If Contractor maintains broader coverage and/or higher limits than the minimums shown above, County requires and shall be entitled to the broader coverage and/or the higher limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to County.

Other Insurance Provisions:

The insurance policies are to contain, or be endorsed to contain, the following provisions:

1. **Additional Insured Status: County, its officers, employees, agents, and volunteers are to be covered as additional insureds** on the CGL policy with respect to liability arising out of the work or operations performed by or on behalf of Contractor including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to Contractor's insurance (at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10, CG 20 25, CG 20 33, or CG 20 38; and CG 20 37 forms if later revisions used.)
2. **Primary Coverage** For any claims related to this contract, **Contractor's insurance shall be primary** insurance primary coverage at least as broad as ISO CG 20 01 04 13 as respects County, its officers, employees, agents, and volunteers. Any insurance or self-insurance maintained by County, its officers, employees, agents, and volunteers shall be excess of Contractor's insurance and shall not contribute with it.

3. **Notice of Cancellation** This policy shall not be changed without first giving thirty (30) days prior written notice and ten (10) days prior written notice of cancellation for non-payment of premium to County.
4. **Waiver of Subrogation** Contractor hereby grants to County a waiver of any right to subrogation which any insurer or said Contractor may acquire against County by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not County has received a waiver of subrogation endorsement from the insurer.
5. **Sole Proprietors** If Contractor is a Sole Proprietor and has no employees, they are not required to have Workers Compensation coverage. Contractor shall sign a statement attesting to this condition, and shall agree they have no rights, entitlements or claim against County for any type of employment benefits or workers' compensation or other programs afforded to County employees.
6. **Deductible and Self-Insured Retentions** Deductible and Self-insured retentions must be declared to and approved by County. County may require Contractor to provide proof of ability to pay losses and related investigations, claims administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or County.
7. **Acceptability of Insurers:** Insurance is to be placed with insurers authorized to conduct business in the State with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to County.
8. **Claims Made Policies** if any of the required policies provide coverage on a claims-made basis:
 - a. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
 - b. Insurance must be maintained, and evidence of insurance must be provided for at least five (5) years after completion of the contract of work.
 - c. If the coverage is canceled or non-renewed, and not replaced with another **claims-made policy form with a Retroactive Date**, prior to the contract effective date, Contractor must purchase "extended reporting" coverage for a minimum of **five (5)** years after completion of contract work.
9. **Verification of Coverage** Contractor shall furnish County with original Certificates of Insurance including all required amendatory endorsements (or copies of the applicable policy language effecting coverage required by this clause) and a copy of the Declarations and Endorsement Page of the CGL policy listing all policy endorsements to County before work begins. However, failure to obtain and provide verification of the required documents prior to the work beginning shall not waive Contractor's obligation to provide them. County reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.
10. **Subcontractors** Contractor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that County is an additional insured on insurance required from subcontractors. For CGL coverage subcontractors shall provide coverage with a format at least as broad as CG 20 38 04 13.
11. **Special Risks or Circumstances** County reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

12. **Conformity of Coverages** If more than one policy is used to meet the required coverages, such as an umbrella policy or excess policy, such policies shall be following form with all other applicable policies used to meet these minimum requirements. For example, all policies shall be Occurrence Liability policies, or all shall be Claims Made Liability policies, if approved by County as noted above. In no cases shall the types of policies be different.
13. **Premium Payments** The insurance companies shall have no recourse against County and funding agencies, its officers, and employees or any of them for payment of any premiums or assessments under any policy issued by a mutual insurance company.
14. **Material Breach** Failure of Contractor to maintain the insurance required by this Contract, or to comply with any of the requirements of this section, shall constitute a material breach of the entire Contract.
15. **Certificate Holder** the Certificate Holder on insurance certificates and related documents should read as follows:

County of Nevada
950 Maidu Ave.
Nevada City, CA 95959

Upon initial award of the Contract to your firm, you may be instructed to send the actual documents to a County contact person for preliminary compliance review.

Certificates which amend or alter the coverage during the term of the Contract, including updated certificates due to policy renewal, should be sent directly to Contract Administrator


COST PROPOSAL FORM

INSTRUCTIONS: Using this form, provide a total cost proposal for all services to be delivered, and a breakdown of costs delineated by tasks as described in your project plan. Include a schedule of hourly rates for all proposed staff and the amount of time each person will be devoted to this project. Define any reimbursable expenses requested to be paid by the County.

All cost proposals shall be signed and dated per Section 8.2 of this RFP and shall be submitted in a separate sealed envelope or package.

DESCRIPTION	COST
Please see attached costs and descriptions.	\$
TOTAL COST:	\$ 112,500.00

Name of Firm: Tetra Tech, Inc.

Authorized Signature: 

Printed Name and Title: Jonathan Burgiel, Business Unit President

Date: April 13, 2023

Attachment B: Cost Proposal Form Detail

As requested in the Attachment B Cost Proposal Form, the following pages summarize Tetra Tech's total cost proposal for all services to be delivered, including:

- A breakdown of costs delineated by tasks as described in the project plan
- A schedule of hourly rates for proposed staff and amount of time each person will be devoted to this project
- Reimbursable expenses and other direct costs

Estimated Cost Breakdown

The proposed estimated budget is based on Tetra Tech's current understanding of the project requirements and best estimates of level of effort required to perform the basic services and may be subject to change upon agreement between the County and Tetra Tech. The fee for services under the resulting contract will be based on the actual hours of services furnished multiplied by Tetra Tech's hourly rates plus non-labor expenses. Table 1 below shows the estimated cost breakdown by project phase. Table 2 outlines the anticipated staff positions and level of effort for the services. Table 3 provides the estimated cost for reimbursable expenses and other direct costs.

Table 1: Estimated Labor Cost Breakdown by Project Phase

Project Phase	Estimated Labor Cost
Phase 1: Organize Resources	\$14,019.26
Phase 2: Update the Risk Assessment	\$26,283.04
Phase 3: Public Engagement	\$11,307.48
Phase 4: Confirm Mission, Goals, Objectives, Capabilities and Actions	\$6,758.64
Phase 5: Plan Maintenance Strategy	\$3,208.56
Phase 6: Assemble the Updated Plan	\$34,921.28
Phase 7: Plan review and Adoption	\$3,208.56
Phase 8: Project Management	\$7,762.70
Estimated Total Labor Costs	\$107,469.52

Table 2: Estimated Labor Cost Breakdown by Labor Category

Labor Category	Staff Name	Hourly Rate	Estimated Hours per Project Phase								Estimated Total
			1	2	3	4	5	6	7	8	
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Technical/Format Editor	Dan Portman	\$157.53						100			\$15,753.00
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Staff Planner/Scientist II	Chris Huch	\$111.26						12			\$1,335.12
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Financial Manager	Jay Burgiel	\$93.15								10	\$931.50
Associate Planner/Scientist II	Megan Brotherton	\$90.56	40		24	24	8	40	8		\$13,040.64
Associate Planner/Scientist I	Grace Altenburg	\$78.92	8	24	40	8		24			\$8,207.68
Associate Planner/Scientist I	Jessica Stokes	\$78.92						12			\$947.04
Junior Planner/Scientist I	Jake Poland	\$43.99	10			8		12			\$1,319.70
Estimated Total											\$107,469.52

Table 3: Estimated Reimbursable expenses and other direct costs [1][2]

Reimbursable expenses and other direct costs	Estimated Total
BATool and Related Services	\$2,550.48
Travel Expenses	\$2,480.00
Estimated Total	\$5,030.48

[1] Other Related Cost: reproduction at \$0.10 per copy and thumb drives at \$15.00 per unit

[2] Travel Cost: at cost with no mark-up except for meals and incidentals which shall be invoiced at the GSA per diem rate (receipts are not required) and mileage shall be invoiced at the federally published rate.

Total Proposed Cost

As summarized below, Tetra Tech's total proposed cost is \$112,500.00.

Table 4: Total Proposed Cost

Description	Estimated Total Cost
Estimated Labor Costs	\$107,469.52
Estimated Expenses	\$5,030.48
Estimated Total Proposed Cost	\$112,500.00