

# OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NEVADA

RESOLUTION AWARDING CONTRACT TO NV5, INC. FOR ON-CALL ENGINEERING SUPPORT SERVICES AT SOLID WASTE FACILITIES FOR AN AMOUNT NOT TO EXCEED \$240,000

WHEREAS, Nevada County maintains two closed landfill sites: the McCourtney Road Landfill (MRL) in Western Nevada County, and the Hirschdale Landfill near Truckee; and

WHEREAS, the County requires engineering support services on an "as needed" basis to oversee and facilitate monitoring and testing activities, prepare technical reports, and to aid with design, materials testing and construction engineering on capital projects; and

WHEREAS, on March 25, 2024, the purchasing division released a Request for Qualifications (RFQ) for on-call engineering support services for solid waste facilities; and

WHEREAS, NV5, Inc., was selected by staff as the top ranked firm; and

WHEREAS, this contract would begin July 1, 2024, and end June 30, 2025; and

WHEREAS, this contract is contingent upon the adoption of the fiscal year 2024/25 County budget; and

WHEREAS, there is sufficient budget available in the Solid Waste Western fund 4117-91001-705-1000/537500. The maximum contract amount will not exceed \$240,000.

NOW, THEREFORE, BE IT HEREBY RESOLVED that the Nevada County Board of Supervisors:

- 1. Awards the contract to NV5, Inc., in an amount not to exceed \$240,000, for On-Call Engineering Support Services at Solid Waste Facilities. The contract term shall be from July 1, 2024, to June 30, 2025.
- 2. Authorizes the Chair of the Board of Supervisors to execute on behalf of the County of Nevada the agreement between Nevada County and NV5, Inc.
- 1. Authorizes the Auditor Controller to encumber the contract amount: 4117-91001-705-1000/537500 \$240,000

ASSED AND ADO aid Board, held on th	PTED by the Boar	rd of Supervisor	s of the County	of Nevada at a re	egular meeting o

Ayes:

Supervisors Heidi Hall, Edward C. Scofield, Lisa Swarthout,

and Susan Hoek.

Noes:

None.

Absent:

Hardy Bullock.

Abstain:

None.

Recuse:

None.

ATTEST:

TINE MATHIASEN

Chief Deputy Clerk of the Board of Supervisors

Hardy Bullock, Chair

**Administering Agency:** Nevada County Solid Waste Division

Contract No. RES 24-332

Contract Description: Engineering Support for McCourtney Rd and Hirschdale Closed

Landfills

#### PROFESSIONAL SERVICES CONTRACT

**THIS PROFESSIONAL SERVICES CONTRACT** ("Contract") is made at Nevada City, California, as of July 1, 2024, by and between the County of Nevada, ("County"), and NV5, Inc. ("Contractor") (together, "Parties", individual "Party"), who agree as follows:

- 1. <u>Services</u> 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 Two Hundred Forty Thousand Dollars (\$240,000.00).
- 3. <u>Term</u> This Contract shall commence on July 1, 2024. All services required to be provided by this Contract shall be completed and ready for acceptance no later than the **Contract Termination Date** of: June 30, 2025.
- 4. <u>Facilities, Equipment and Other Materials</u> 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. <u>Electronic Signatures</u> 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. <u>Time for Performance</u> 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. <u>Liquidated Damages</u>

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  $\square$ shall apply  $\boxtimes$ 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

- 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 and information technology security 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. <u>Licenses, Permits, Etc.</u> 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.
- **Hold Harmless and Indemnification Contract** To the fullest extent permitted by law, 12. 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 <a href="http://www.dir.ca.gov/OPRL/PWD">http://www.dir.ca.gov/OPRL/PWD</a>.
  - 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. <u>Drug-Free Workplace</u> 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. **Debarment** In order to prohibit the procurement of any goods or services ultimately funded by Federal awards from debarred, suspended or otherwise excluded parties, Contractor shall be screened at <a href="https://www.sam.gov">www.sam.gov</a>. to ensure Contractor, its principal and their named subcontractors are not debarred, suspended or otherwise excluded by the United States Government in compliance with the requirements of 7 Code of Federal Regulations (CFR) 3016.35, 28 CFR 66.35, 29 CFR 97.35, 34 CFR 80.35, 45 CFR 92.35 and Executive Order 12549.

#### 21. Financial, Statistical and Contract-Related Records:

- 21.1. <u>Books and Records</u> 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.
- 21.2. <u>Inspection</u> 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.
- 21.3. 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.

## 22. **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, photostatting, 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.
- 23. 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 Contactor 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.
- 24. <u>Waiver</u> 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.
- 25. <u>Conflict of Interest</u> 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.

- 26. 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.
- 27. <u>Alteration</u> 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 22, Termination.
- 28. 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.
- 29. <u>Compliance with Applicable Laws</u> Contractor and any subcontractors shall comply with any and all federal, state and local laws, codes, ordinances, rules and regulations which relate to, concern of affect the services or type of services to be provided by this Contract.

## 30. 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.
- 31. <u>Confidentiality</u> 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.

32. <u>Notification</u> 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:

**COUNTY OF NEVADA:** 

#### **CONTRACTOR:**

Nevada County Public Works Department Name of Firm NV5, Inc. Solid Waste Division 950 Maidu Ave P O Box 599002 Address 792 Searls Ave Address: Nevada City, CA 95959 City, St, Zip Nevada City, CA 95959 City, St, Zip Heidi Cummings Attn: David A. Garcia Jr. Attn: Email: heidi.cummings@nv5.com Email: david.garcia@nevadacountyca.gov

Phone: 530-265-7038 Phone: 530-864-6971

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.

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By: ZLSZ, Date: 07/16/2024

Printed Name/Title: Honorable Hardy Bullock, Chair of the Board of Supervisors

By: Yhe ll

Attest: Clerk of the Board of Supervisors, or designee

CONTRACTOR: NV5, Inc.

By: Alexander Hockman (Jul 1, 2024 19:02 EDT)

07/01/2024

Name: Alexander Hockman

<sub>* Title:</sub> President	-
By: Muyhu.	Date: <u>07/01/202</u> 4
Name: MaryJo OBrien	
* Title: Secretary	

\*If Contractor is a corporation, this Contract must be signed by two corporate officers; one of which <u>must</u> be the secretary of the corporation, and the other may be either the President or Vice President, <u>unless</u> an authenticated corporate resolution is attached delegating authority to a single officer to bind the corporation (California Corporations Code Sec. 313).

# **Exhibits**

- A. Schedule of Services
- B. Schedule of Charges and Payments
- C. <u>Insurance Requirements</u>

# **EXHIBIT A**

# **SCHEDULE OF SERVICES**

Contractor shall provide the following services as directed by County Staff:

Fee Estimate for All Tasks, 2024-2025

Task No.	Description	Fee Estimate	Notes
1	Water Quality Monitoring and Reporting	\$ 135,851	Pursuant to MRP No. R5-2014-0022. See Attachment 2 for details.
2	WDR Landfill Gas Monitoring Coordination, Technical Support and Reporting	\$ 43,897	Coordination and reporting pursuant to MRP No. R5-2014-0022 and AB32 Monitoring and reporting.
3	Regulatory Correspondence and Coordination	\$ 19,660	Pursuant to RFQ Table 1. and Coordination of Updates to ROWD, SWFP, WDR related to Transfer Station Upgrade
4	Storm Water Pollution Prevention Plan (SWPPP) and QISP Services	\$ 15,188	Pursuant to (IGP) 2014-0057- DWQ.
5	Annual Facility Inspection and Report	\$ 2,278	Pursuant to MRP No. R5-2014- 0022 Section A.7. a.
6	Landfill Cap Settlement Monitoring	\$ -	Not required until 2021
7	Engineering Design and Oversight for Future Capital Projects	\$ 13,863	Scope and fee to be determined.
8	Laboratory Analysis	\$ -	Included in monitoring tasks.
9	Non-Transient/Non-Community Water System	\$ 7,842	Estimated electrical contractor costs for improvements and permitting.
10	Coordination with Landfill Technician	\$ 1,421 -	Included in monitoring tasks.
Total I	Sstimate	\$ 240,000	

Notes:

MRP = Monitoring and Reporting Program

IGP = Industrial General Permit

RFQ = Request for Qualifications

QA = Quality Assurance

# Water Quality Monitoring and Reporting Program (Task 1) Budget 2024-2025

Task	Service Description	Base Quantity	Unit	Unit Price	Budget
1a	Water Quality Monitoring (See Task 1a detail below)	S	See Below		\$70,058
1b	Statistical Analysis of Groundwater Data	2	Each	\$2,450	\$4,900
1c	Semi-Annual Reporting and Electronic Submittals	2	Each	\$25,447	\$50,893
1d	General Consulting	1	T8M	NA	\$10,000

Task	Source	Service Description	Units Budgeted <sup>1</sup>	Unit <sup>2</sup>	Unit Price	Budget
	2024 Schedule	Quarterly GW Elevation Measurements	32	Hours	\$125	\$4,000
~	2024 Schedule	Semi-Annual Sampling	176	Hours	\$125	\$22,000
Groundwater Monitoring	2024 Schedule	5 Year COC Sampling	0	Hours	na	na
MOTITOTING	Sch MRP A1	Semi-Annual Analysis	60	Each	\$195	\$11,700
	NA	5 Year COC Analysis	0	Each	na	na
	2024 Schedule	Semi-Annual and SWPPP Sampling	24	Hours	\$118	\$2,832
Surface Water	Sch MRP A3	Semi-Annual Analysis	12	Each	\$90	\$1,080
Monitoring	Sch SWPPP	SWPPP Analysis	20	Each	\$242	\$4,840
	NA	5 Year COC Analysis	0	Each	na	na
	2024 Schedule	Semi-Annual Sampling	28	Hours	\$118	\$3,304
· / <del></del>	2024 Schedule	5 Year COC Sampling	0	Hours	\$118	\$0
Vadose Zone Monitoring	Sch MRP A2	Semi-Annual Analysis	28	Each	\$175	\$4,900
NOTITOTING	Sch MRP A.8.a.ii	EPA TO-15 VOC Analysis (vapor)	24	T&M	\$250	\$6,000
	NA	5 Year COC Analysis	0	Each	na	na
	2024 Schedule	Semi-Ann. PS-1, PS-2, SI-1 Sampling	6	Hours	\$118	\$708
	2024 Schedule	Semi-Ann. SI-1, SI-2 Sampling	4	Hours	\$118	\$472
Leachate	Sch MRP A5b	Semi-Ann, SI-1 Sump Analysis	2	Each	\$105	\$210
Monitoring	Sch MRP A5a	Semi-Ann. Pump Station Analysis	4	Each	\$335	\$1,340
Monitoring	Sch MRP A4	Semi-Ann, SI-1 and SI-2 Analysis	4	Each	\$90	\$360
	NA	5 Year COC PS, SI-1 Sump Analysis	0	Each	na	na
***************************************	Sch TB	EPA 8260 Trip Blanks <sup>3</sup>	38	Each	\$88	\$3,344
	Sch DUP	EPA 8260 QA Duplicates <sup>4</sup>	11	Each	\$88	\$968
	Contract Lab	EPA Method 8270 SVOCs	na	Each	\$189	TBD
	Contract Lab	EPA Method 8151A Herbicides	na	Each	\$200	TBD
	Contract Lab	EPA Method 8141B Organophosphorus Pesticides	na	Each	\$200	TBD
	Contract Lab	EPA Method 1664 Oil & Grease	na	Each	\$66	TBD
* * ***	Contract Lab	SM2540C Total Dissolved Solids (TDS)	na	Each	\$21	TBD
Additional	Contract Lab	SM2540D Total Suspended Solids (TSS)	na	Each	\$21	TBD
Testing	Contract Lab	EPA Method 6010/7174 Inorganics (dissolved)	na	Each	\$138	TBD
	Contract Lab	EPA Method 9012 Cyanide	na	Each	\$34	TBD
	Contract Lab	EPA Method 4500-S2D Sulfide	na	Each	\$53	TBD
	Contract Lab	EPA Method 8082 Polychlorinated Biphenyls (PCBs)				
	Confract Lab	Shipping Charges <sup>5</sup>	na	T&M	Note 5	TBD
	2024 Schedule	Field Parameters (pH, EC, turbidity)	100	Each	\$20	\$2,000

#### Notes

- 1 "Units Budgeted" includes the entire fiscal year (e.g., two semi-annual groundwater monitoring events).
- 2 Units expressed as "Hours" are based on the fee schedule above. Units expressed as "Each" are a product of the number of monitoring points and the number of monitoring events.
- 3 Trip blank VOC analysis is estimated assuming 38 sampling events.
- 4 QA duplicate VOC analysis is estimated as 10% of the number field samples.
- 5 Shipping, when required, will be performed on a time and materials basis.

# Annual Resource Allocation Estimates

Task No.	Service Description	Quantity	Unit
	Task 1 - Water Quality Monitoring and Reporting		
	Water Quality Monitoring (includes two semi-annual events per year) (NV5)		
	Technician - Quarterly groundwater elevation measurements (4 events)	32	Hours
	Technician - Semi-annual groundwater sampling (2 events)	176	Hours
	Technician - Semi-annual storm water and SWPPP sampling (4 events)	24	Hours
1a	Technician - Semi-annual vadose zone sampling (2 events)	28	Hours
	Technician - Semi-annual leachate sump sampling (2 events)	ô	Hours
	Technician - Semi-annual surface impoundment sampling (2 events)	4	Hours
	Technician - 5-year COC Sampling (not required until 2026)	0	Hours
*************	Statistical Analysis of Groundwater Data (includes two semi-annual events per year	(GeoChem Application	ns)
2.4	Associate Engineer - Management and oversight	T 2 T	Hours
D	Project Geologist - Data evaluation and transmittal	8	Hours
	Geochemist - Statistical evaluation and trend analysis (Geochem Applications)	20	Hours
	Reporting and Electronic Submittals (includes two semi-annual events per year) (N'	V5)	***************************************
	Associate Engineer - Management and Review	80	Hours
4	Project Geologist/Engineer - Reporting	140	Hour
10	Technical Editor - Data tabulation and reporting	40	Hour
	ACAD - Figures, miscellaneous support	20	Hour
	Project Assistant	23	Hour
	Task 2 - Landfill Gas Monitoring Coordination, Technical Support		
	Coordination and Technical Support (includes two semi-annual events per year per	WDR) (NV5)	
	Associate Engineer - Management and oversight	1 4	Hours
2a	Project Geologist - Laboratory coordination and technical support	20	Hour
	Project Assistant - Sample shipping and meter rental	8	Hour
	Semi-Annual Reporting (includes two events per year, submitted with Annual Monito	oring Report, Task 1) (	
	Associate Engineer - Management and review	1 4 T	Hour
2b	Project Geologist - Reporting	16	Hour
	Technical Editor - Data tabulation and reporting	8	Hour
	Project Assistant	4	Hour
	AB 32 2024 Annual SEM Monitoring and Quarterly Component Leak Testing Support	(NV5)	
	Associate Engineer - Management and oversight	1 1	Hour
	Senior Geologist - Technical Oversight	2	Hour
2c	Project Geologist - Regulatory assistance for reduced monitoring	12	Hour
	Engineering Technician III - Field support	1	Hour
1b 1c 2a 2b	Lantech GEM 5000 Rental +Shipping	4	LS
	AB 32 Annual Report (March 2025) (Lawrence & Associates)		34, 347
	Associate Engineer - Management and review		Hour
	Senior Geologist - Technical Oversight	1	Hours
2d	Project Geologist - Reporting	2	Hours
	Staff Geologist - Reporting	18	Hours
	ACAD - Prepare Figures for AB 32 Report	8	Hours
	Technical Editor - Data tabulation and reporting	3	Hours
	AB32 Annual Source Testing (Second Half 2023) (Blue Sky Environmental)		~ *****
	Associate Engineer - Management and oversight	1 1	Hours
	The state of the control of the cont		
21	Project Geologist - Review data	2	Sal mare
21	Project Geologist - Review data Engineering Technician III - Field support	2 2	Hours Hours

# Annual Resource Allocation Estimates

ask No.	Service Description	Quantity	Unit				
	Task 3 - Regulatory Correspondence and Coordination						
	Regulatory Liaison Services (General Engineering and Permitting, Coordination, Meetings)	(NV5)					
	Associate Engineer - Regulatory Liaison	16	Hours				
3a	Project Geologist - Regulatory Liaison	24	Hours				
	Technical Editor - Assistance and editorial review	4	Hours				
	Coordination of Updates to ROWD, SWFP, WDR related to Transfer Station Upgrade (NV5)						
	Associate Engineer - Regulatory Liaison	12	Hours				
	Senior Geologist - Technical Oversight	12	Hours				
3b	Project Geologist - Reporting	38	Hours				
	Staff Geologist - Reporting	8	Hours				
	ACAD - Figures, miscellaneous support	6	Hours				
	Technical Editor - Assistance and editorial review	8	Hours				
	Task 4 - Storm Water Pollution Prevention Plan (SWPPP) and QISP Services						
	Annual Reporting and Electronic Submittal (SMARTS) (NV5)						
4a	Associate Engineer - Management and Oversight	4	Hours				
7.0	Project Geologist - Reporting and Electronic Submittals	8	Hours				
	Technical Editor - Review and electronic submittals	20	Hours				
	Qualified Industrial Stormwater Practitioner (QISP) Support (NV5)						
4b	Associate Engineer - Management and Oversight	4	Hours				
70	Project Geologist - Reporting and Electronic Submittals	8	Hours				
	Technical Editor - Review and electronic submittals	10	Hours				
	SWPPP Update (NV5)						
4b	Associate Engineer - Management and Oversight	4	Hours				
7.0	Project Geologist - Reporting and Electronic Submittals	34	Hours				
	Technical Editor - Review and electronic submittals	6	Hours				
	Task 5 - Annual Facility Inspection and Report						
	Annual Facility Inspection (Reporting is included in Annual Monitoring Report, Task 1) (NV	5)					
5	Associate Engineer - Management and oversight	2	Hours				
J	Project Geologist - Annual Inspection and coordination	8	Hours				
	Technical Editor - Data tabulation	4	Hours				
	Task 6 - Landfill Cap Settlement Monitoring (Not Required Until 2026)						
***************************************	Settlement Survey and Reporting						
6	Associate Engineer - Management and oversight	0	Hours				
	Project Geologist - Coordination and data evaluation	0	Hours				
	Subcontracted Survey - Dundas Geomatics	0	Hours				
	Task 7 - Engineering, Bid, Construction Management and Quality Assurance						
	Tasks to be determined for the 2024-2025 fiscal year (NV5 & Lawrence & Associates)						
	Associate Engineer/Geologist	8	Hours				
	Senior Geologist	50	Hours				
7	Staff Geologist	15	Hours				
	Engineering Technician III	30	Hours				
	Project Assistant	4	Hours				
	Technical Editor	4	Hours				
	Laboratory Analysis, Rental Equipment, Materials and Expenses - Groundwater	1	Each				

# Annual Resource Allocation Estimates

Task No.	Service Description	Quantity	Unit
	Task 8 - Laboratory Analysis (Pace Analytical)		
8a	Groundwater - Semi-annual analysis (two events)	60	Each
ಧನ	Groundwater - 5-Year COC analysis (not required until 2026)	0	Each
	Surface Water - Semi-annual analysis (two events)	12	Each
8b	Surface Water - SWPPP analysis	20	Each
	Surface Water - 5-Year COC analysis (not required until 2026)	0	Each
8c	Vadose Zone - Semi-annual analysis (two events)	20	Each
oc	Vadose Zone - 5-Year COC analysis (not required until 2028)	0	Each
	Leachate - Semi-annual SI-1 sump analysis (two events)	2	Each
8d	Leachate - Semi-annual pump station analysis (two events)	4	Each
Qu	Leachate - Semi-annual surface impoundment analysis (two events)	4	Each
	Leachate - 5-Year COC analysis (not required until 2026)	0	Each
8e	Quality Control - Trip Blanks	38	Each
೧೮	Quality Control - Field Duplicates (collected at a rate of 10% of field samples)	11	Each
	Task 9 - Non-Transient/Non-Community Water System	HALLAN TO THE PROPERTY OF	
	D1 Operator - Develop Monitoring Program (Cranmer Engineering & Laboratory)	16	Hours
Q	D1 Operator - Support for Landfill Technician (Cranmer Engineering & Laboratory)	6	Hours
Ø.	D1 Operator - Service Call (Peters Drilling & Pump)	20	Hours
	D1 Operator - Well/Distribution System Disinfection (Peters Drilling & Pump)	4	Each
- 50	Task 10 - Coordination with Landfill Technician (NV5)		
10	Included in the monitoring and maintenance tasks listed above	0	Hours

#### Notes:

Resource allocation estimates are for the fiscal year (i.e., two semi-annual monitoring events and other annual MRP requirements).

COC = constituent of concern

MRP = Monitoring and Reporting Program No. R5-2014-0022

SEM = surface emmissions monitoring

SWPPP = Storm Water Pollution Prevention Plan

#### **EXHIBIT B**

#### SCHEDULE OF CHARGES AND PAYMENTS

The attached Fee Schedules detail the charges for engineering support and monitoring services provided by the Contractor. Subcontracted services are typically invoiced as follows:

- 1. Dundas Geomatics 2024 rate sheet is attached, and the standard markup is 10%
- 2. Lawrence & Associates labor to be invoiced per the attached NV5 Fee Schedule.
- 3. Geochem Applications these services are typically part of the fixed fee reporting task. When Will Neal's services are required outside of the standard reporting task his labor to be invoiced per the attached NV5 Fee Schedule.
- 4. Unit rates for laboratory tests are listed on the attached NV5 rate sheet.

## Maximum Limit & Fee Schedule

Contractor's compensation shall be paid at the schedule shown below.

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

Upon completion of services provided, the contractor will provide an invoice for services provided with the following information:

- 1. PO number associated with this contract
- 2. Date invoice was submitted to the County
- 3. Date services were provided
- 4. Unit price
- 5. Total price

The County will review each invoice and notify Contractor of any issues or discrepancies found in the invoice within 10 business days.

#### 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 Public Works Department

Solid Waste Division

Address: 950 Maidu Ave Ste 170, PO Box

599002

City, St, Zip Nevada City, CA 95959

Attn: David Garcia

Email: david.garcia@nevadacountyca.gov

Phone: 530-265-7038

## Payment Schedule

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

Nevada County RFQ for On-Call Engineering and Support Services for Solid Waste Facilities, RFQ No. 185236



## 2024 FEE SCHEDULE

	2024 FEE SCHEDULE
PERSONNEL-PROFESSIONAL	HOURLY RATE
Project Assistant	
AutoCAD Operator	\$116
Technical Editor	\$96
Staff Engineer/Geologist	
Staff Engineer/Geologist I	\$149
Staff Engineer/Geologist II	\$165
Project Engineer/Geologist I	\$184
Project Engineer/Geologist II	
Senior Engineer/Geologist	
Senior Engineer/Geologist II	\$203
Associate Engineer/Geologist	
Associate Engineer/Geologist II	
Principal	\$247
Expert Testimony and Deposition (four-hour minimum)	\$400
Laboratory Technician Shop Rate	
Engineering Technician III	
Shop Welding Inspector	
Certified Welding Inspector (CWI/AWS)	
Non-Destructive Testing (NDT) Technician	\$180
Project Manager I/Construction Services Manager I	
Project Manager II/Construction Services Manager II	\$174
Senior Project Manager/Construction Services Manager III	\$197
-	
PREVAILING WAGE SERVICES-TECHNICIANS/SPECIAL INSPECTORS	HOURLY RATE
Field Soils and Materials Tester, Soils/Asphalt	\$137
Field Soils and Materials Tester, Soils/Asphalt ACI Concrete Tester	\$137 \$135
Field Soils and Materials Tester, Soils/Asphalt ACI Concrete Tester Proofload/Torque Testing	\$137 \$135 \$135 \$135
Field Soils and Materials Tester, Soils/Asphalt ACI Concrete Tester Proofload/Torque Testing AWS/CWI Certified Welding Inspector	\$137 \$135 \$135 \$135 \$145
Field Soils and Materials Tester, Soils/Asphalt ACI Concrete Tester Proofload/Torque Testing	\$137 \$135 \$135 \$135 \$145
Field Soils and Materials Tester, Soils/Asphalt ACI Concrete Tester Proofload/Torque Testing AWS/CWI Certified Welding Inspector ICC Certified Structural Inspector	\$137 \$135 \$135 \$135 \$145 \$141
Field Soils and Materials Tester, Soils/Asphalt ACI Concrete Tester Proofload/Torque Testing AWS/CWI Certified Welding Inspector ICC Certified Structural Inspector	\$137 \$135 \$135 \$145 \$141 UNIT RATE
Field Soils and Materials Tester, Soils/Asphalt  ACI Concrete Tester  Proofload/Torque Testing  AWS/CWI Certified Welding Inspector  ICC Certified Structural Inspector  FIELD EQUIPMENT  Landtec GEM 5000 (Rental from Lawrence & Associates)	\$137 \$135 \$135 \$145 \$141 UNIT RATE \$2063/Event
Field Soils and Materials Tester, Soils/Asphalt  ACI Concrete Tester  Proofload/Torque Testing  AWS/CWI Certified Welding Inspector  ICC Certified Structural Inspector  FIELD EQUIPMENT  Landtec GEM 5000 (Rental from Lawrence & Associates)  Rue 3000 PID	\$137 \$135 \$135 \$145 \$141 <b>UNIT RATE</b> \$2063/Event \$241/Dey
Field Soils and Materials Tester, Soils/Asphalt  ACI Concrete Tester  Proofload/Torque Testing  AWS/CWI Certified Welding Inspector  ICC Certified Structural Inspector  FIELD EQUIPMENT  Landtec GEM 5000 (Rental from Lawrence & Associates)	\$137 \$135 \$135 \$145 \$141 <b>UNIT RATE</b> \$2063/Event \$241/Dey
Field Soils and Materials Tester, Soils/Asphalt  ACI Concrete Tester  Proofload/Torque Testing  AWS/CWI Certified Welding Inspector  ICC Certified Structural Inspector  FIELD EQUIPMENT  Landtec GEM 5000 (Rental from Lawrence & Associates)  Rae 3000 PID  Field Supplies/Equipment	\$137 \$135 \$135 \$145 \$141  UNIT RATE \$2063/ Event \$241/ Dey \$100/ Day
Field Soils and Materials Tester, Soils/Asphalt ACI Concrete Tester Proofload/Torque Testing AWS/CWI Certified Welding Inspector ICC Certified Structural Inspector  FIELD EQUIPMENT Landtec GEM 5000 (Rental from Lawrence & Associates) Rae 3000 PID Field Supplies/Equipment  SUBCONTRACT SERVICES	\$137 \$135 \$135 \$145 \$145 \$141 UNIT RATE \$2063/Event \$241/Dey \$100/Dey
Field Soils and Materials Tester, Soils/Asphalt  ACI Concrete Tester  Proofload/Torque Testing  AWS/CWI Certified Welding Inspector  ICC Certified Structural Inspector  FIELD EQUIPMENT  Landtec GEM 5000 (Rental from Lawrence & Associates)  Rae 3000 PID  Field Supplies/Equipment  SUBCONTRACT SERVICES  Flare Source Test (Blue Sky Environmental)	\$137 \$135 \$135 \$145 \$141 UNIT RATE \$2063/Event \$241/Dey \$100/Dey UNIT RATE \$16,004/Event
Field Soils and Materials Tester, Soils/Asphalt  ACI Concrete Tester  Proofload/Torque Testing  AWS/CWI Certified Welding Inspector  ICC Certified Structural Inspector  FIELD EQUIPMENT  Landtec GEM 5000 (Rental from Lawrence & Associates)  Rae 3000 PID  Field Supplies/Equipment  SUBCONTRACT SERVICES  Flare Source Test (Blue Sky Environmental)  Cranmer Engineering & Laboratory - D1 Operator	\$137 \$135 \$135 \$145 \$141 <b>UNIT RATE</b> \$2063/Event \$241/Dey \$100/Dey <b>UNIT RATE</b> \$16,004/Event \$330/Month
Field Soils and Materials Tester, Soils/Asphalt  ACI Concrete Tester  Proofload/Torque Testing  AWS/CWI Certified Welding Inspector  ICC Certified Structural Inspector  FIELD EQUIPMENT  Landtec GEM 5000 (Rental from Lawrence & Associates)  Rae 3000 PID  Field Supplies/Equipment  SUBCONTRACT SERVICES  Flare Source Test (Blue Sky Environmental)  Cranmer Engineering & Laboratory - D1 Operator  Cranmer Engineering & Laboratory - D1 Operator (Monday-Friday)	\$137 \$135 \$135 \$145 \$145 \$141 UNIT RATE \$2063/Event \$241/Dey \$100/Dey UNIT RATE \$16,004/Event \$330/Month \$127/Hour
Field Soils and Materials Tester, Soils/Asphalt  ACI Concrete Tester  Proofload/Torque Testing.  AWS/CWI Certified Welding Inspector  ICC Certified Structural Inspector.  FIELD EQUIPMENT  Landtec GEM 5000 (Rental from Lawrence & Associates).  Rae 3000 PID  Field Supplies/Equipment.  SUBCONTRACT SERVICES  Flare Source Test (Blue Sky Environmental).  Cranmer Engineering & Laboratory - D1 Operator.  Cranmer Engineering & Laboratory - D1 Operator (Monday-Friday).  Cranmer Engineering & Laboratory - D1 Operator (Weekend & Holiday).	\$137 \$135 \$135 \$135 \$145 \$141  UNIT RATE \$2063/Event \$241/Dey \$100/Dey  UNIT RATE \$16,004/Event \$330/Month \$127/Hour \$253/Hour
Field Soils and Materials Tester, Soils/Asphalt  ACI Concrete Tester  Proofload/Torque Testing.  AWS/CWI Certified Welding Inspector  ICC Certified Structural Inspector.  FIELD EQUIPMENT  Landtec GEM 5000 (Rental from Lawrence & Associates).  Rae 3000 PID  Field Supplies/Equipment.  SUBCONTRACT SERVICES  Flare Source Test (Blue Sky Environmental).  Cranmer Engineering & Laboratory - D1 Operator.  Cranmer Engineering & Laboratory - D1 Operator (Monday-Friday).  Cranmer Engineering & Laboratory - D1 Operator (Weekend & Holiday).  Peters Drilling & Pump Service - Chlorinate Well/Distribution System.	\$137 \$135 \$135 \$135 \$145 \$145 \$141  UNIT RATE \$2063/Event \$241/Dey \$100/Dey  UNIT RATE \$16,004/Event \$330/Month \$127/Hour \$253/Hour \$517/Event
Field Soils and Materials Tester, Soils/Asphalt  ACI Concrete Tester  Proofload/Torque Testing.  AWS/CWI Certified Welding Inspector  ICC Certified Structural Inspector.  FIELD EQUIPMENT  Landtec GEM 5000 (Rental from Lawrence & Associates).  Rae 3000 PID  Field Supplies/Equipment.  SUBCONTRACT SERVICES  Flare Source Test (Blue Sky Environmental).  Cranmer Engineering & Laboratory - D1 Operator.  Cranmer Engineering & Laboratory - D1 Operator (Monday-Friday).  Cranmer Engineering & Laboratory - D1 Operator (Weekend & Holiday).  Peters Drilling & Pump Service - Chlorinate Well/Distribution System.  Peters Drilling & Pump Service - Service Call.	\$137 \$135 \$135 \$135 \$145 \$145 \$141  UNIT RATE \$2063/Event \$241/Dey \$100/Dey  UNIT RATE \$16,004/Event \$330/Month \$127/Hour \$253/Hour \$517/Event \$149/Hour
Field Soils and Materials Tester, Soils/Asphalt  ACI Concrete Tester  Proofload/Torque Testing.  AWS/CWI Certified Welding Inspector  ICC Certified Structural Inspector.  FIELD EQUIPMENT  Landtec GEM 5000 (Rental from Lawrence & Associates).  Rae 3000 PID  Field Supplies/Equipment.  SUBCONTRACT SERVICES  Flare Source Test (Blue Sky Environmental).  Cranmer Engineering & Laboratory - D1 Operator.  Cranmer Engineering & Laboratory - D1 Operator (Monday-Friday).  Cranmer Engineering & Laboratory - D1 Operator (Weekend & Holiday).  Peters Drilling & Pump Service - Chlorinate Well/Distribution System.	\$137 \$135 \$135 \$135 \$145 \$145 \$141  UNIT RATE \$2063/Event \$241/Dey \$100/Dey  UNIT RATE \$16,004/Event \$330/Month \$127/Hour \$253/Hour \$517/Event \$149/Hour

#### Notes

- No mileage to be billed for routine monitoring associated with Water Quality Monitoring and Reporting. The mileage rate
  applicable to the remaining tasks will be billed at a rate of \$0.80/mile.
- Outside services will be billed at our cost, plus 10 percent except as described below.
  - Lawrence & Associates labor will be billed on a time and materials basis as NV5 Personnel Professional rates.
  - Routine statistical analysis by Geochem Applications will be billed at the unit rate list above (Subcontract Services). Geochem
    Applications labor for non-routine statistics, if needed, will be billed on a time and materials basis as NV5 Personnel —
    Professional rates.
- For a CQA inspection call out between 0 and 4 hours, a minimum charge of 4 hours will be charged. Eight hours will be charged
  for work performed over 4 hours up to eight hours. Actual time will be charged for work performed over 8 hours, rounded up to
  the nearest half hour.
- A minimum 2-hour fee will be charged for scheduled CQA site visits not cancelled in advance of arrival.
- Overtime rates for Saturday or over 8 hours/day: hourly rate times 1.5/Hour.
- \* Double time rates for Saturday, Sunday, holiday, over 8 hours/day, or over 12 hours/day; hourly rate times 2/Hour.
- . Prevailing wage second shift rates: hourly rate plus \$20/Hour.

Soil
Aggregate
Concrete
Asphalt



# 2024 LABORATORY TESTING SERVICES - CHICO & NEVADA CITY

				ASTM TEST METHO	DS	UNIT COST
		*		ASTM A615	Reinforcing Steel Bend & Tensile Test to #6	\$175
		**		ASTM C39	Concrete Compressive Strength, 4x8	\$37
		**		ASTM C39	Concrete Compressive Strength, 6x12	\$56
		**		ASTM C40	Organic Impurities in Fine Aggregates for Concrete	\$47
		**		ASTM C78	Flexural Strength of Concrete	\$200
		**		ASTM C140	CMU Strength, Unit Weight, Absorption	\$280
				ASTM C780, C109	Compressive Strength Mortar	537
				ASTM C1019	Compressive Strength Grout	\$37
		**		ASTM C1314	Compressive Strength Masonry Prisms	\$140
E				ASTM C136	D422A Full Sieve Particle Size Analysis	\$165
				ASTM D422B	Long Hydrometer Particle Size Analysis (specific gravity not included)	\$165
				ASTM D422C	Full Sieve w/ Long Hydrometer Particle Size Analysis (specific gravity not included)	\$217
				ASTM D698, D1557	Compaction Curves (4-inch mold)	\$250
				ASTM D698, D1557	Compaction Curves (6-inch mold)	\$262
				ASTM D854	Specific Gravity	\$111
				ASTM C117, D1140	No. 200 Mesh Wash Particle Size Analysis	\$107
				ASTM C131, CTM 211	Abrasion Resistance by LA Rattler	\$250
	1			ASTM D2166	Unconfined Compression Shear Strength	\$136
				ASTM D2216	Oven Moisture Content	\$36
				ASTM D2419	Sand Equivalent	\$134
				ASTM D2434	Constant Head Permeability	\$334
	1		*********	ASTM D2435	One-Dimensional Consolidation (10 load points)	\$310
						\$336
				ASTM D2844	Resistance Value (CTM 301)	÷
				ASTM D2850	Unconsolidated, Undrained, Triaxial Shear Strength (per point)	\$181
				ASTM D2937	Density-Moisture	\$44
l.	-			ASTM D3080	Direct Shear Strength (3 points minimum)	\$374
				ASTM D4318	Atterberg Indices (Dry Method)	\$188
	-			ASTM D4767	Consolidated, Undrained, Triaxial Shear Strength (per point)	\$218
E	ļ			ASTM D4829	Expansion Index (UBC Expansion Index)	\$187
ı	-			ASTM D4832	Strength of CLSM	\$54
E.	ļ			ASTM D5084	Falling Head Permeability	\$450
				ASTM E605	Sprayed Fire-Resistive Materials Thickness and Density	\$115
				CALIFORNIA TEST N		UNIT COST
				CTM 202	Analysis of Fine Coarse Aggregate	\$162
				CTM 205	Percent of Crushed Particles	\$107
				CTM 206	Specific Gravity/Absorption Coarse Aggregate	\$131
				CTM 207	Specific Gravity/Absorption Fine Aggregate	\$131
				CTM 208	Apparent Specific Gravity of Fine Aggregate	\$121
				CTM 216	Maximum Wet Density Determination	\$265
ŧ				CTM 217	Sand Equivalent	\$134
E				CTM 226	Moisture Content by Oven	\$36
E				CTM 227	Evaluating Cleanness of Coarse Aggregate	\$125
	**			CTM 229	Durability Index	\$187
			**	CTM 234	Uncompacted Void Content of Fine Aggregate	\$131
				CTM 235	Percent of Flat and Elongated Particles	\$108
				CTM 308	Bulk Density Hot Mix Asphalt (HMA)	547
	1			CTM 309	Max Specific Gravity of HMA	\$336
			**	CTM 366	Stabilometer	\$416
	ļ			CTM 370	Moisture Content with Microwave	\$30
			-		The state of the s	
			*		Arnhalt Content by Ignition Method	5,106
			**	CTM 382	Asphalt Content by Ignition Method  Asphalt Content by Ignition Method Correction Factor Development	
				CTM 382 CTM 382	Asphalt Content by Ignition Method Correction Factor Development	\$599
			**	CTM 382 CTM 382 Caltrans LP 2, 3, 4	Asphalt Content by Ignition Method Correction Factor Development Aggregate Asphalt and Dust Proportion	\$196 \$599 \$200
			:	CTM 382 CTM 382 Caltrans LP 2, 3, 4 OTHER TEST METHO	Asphalt Content by Ignition Method Correction Factor Development Aggregate Asphalt and Dust Proportion ODS	\$599 \$200 UNIT COST
				CTM 382 CTM 382 Caltrans LP 2, 3, 4	Asphalt Content by Ignition Method Correction Factor Development Aggregate Asphalt and Dust Proportion	\$599 \$200

# DDGEO DUNDAS GEOMATICS, INC.

# **GEOMATIC & CIVIL ENGINEERS**

# HOURLY RATE SCHEDULE

# 2024

PRINCIPAL-IN CHARGE	\$180
PROJECT MANAGER / PE or LS	\$160
EXPERT TESTIMONY / PE or LS (4.0 HR MIN)	\$275
AERIAL MAPPING (PILOT)	\$130/\$160*
PROJECT ENGINEER / PROJECT SURVEYOR	\$130
DRAFTER / MODELER	595
SURVEY PARTY CHIEF (w/equipment in field)	\$195 / \$245*
(Sites with Toxic Remediation Controls)	\$240/ \$265*
SURVEY FIELD TECHNICAN (w/ Party Chief in field)	\$95 / \$115*
(Sites with Toxic Remediation Controls)	\$110/ \$125*
ADMIN	\$65
Regular Rate / F	Prevailing Rate*
TRAVEL (Combined hourly rate x travel time one way)	
Note: Prevailing Wage Rates will vary depending on County who performed.	nere work is being

D & D Since 1978 159 S. Auburn St. Grass Valley, CA 95945 USA PHONE WEB (530) 274-1616 @ddgeo.com

#### **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. **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. The Automobile Liability policy shall be endorsed to include Transportation Pollution Liability insurance MCS-90, covering materials to be transported by Contractor pursuant to the contract.
- 3. **Workers' Compensation:** Insurance as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than **\$1,000,000** per accident for bodily injury or disease.
- 4. **Professional Liability (Errors and Omissions):** Insurance covering design and engineering error and omission with limit no less than \$2,000,000 per occurrence or claim, \$2,000,000 aggregate.

## 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 if not available, then through the addition of 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. Umbrella or Excess Policy The Contractor may use Umbrella or Excess Policies to provide the liability limits as required in this agreement. This form of insurance will be acceptable provided that all of the Primary and Umbrella or Excess Policies shall provide all of the insurance coverages herein required, including, but not limited to, primary and non-contributory, additional insured, Self-Insured Retentions (SIRs), indemnity, and defense requirements. Umbrella or Excess policies shall be provided on a true "following form" or broader coverage basis, with coverage at least as broad as provided on the underlying Commercial General Liability insurance. No insurance policies maintained by the Additional Insureds, whether primary or excess, and which also apply to a loss covered hereunder, shall

be called upon to contribute to a loss until the Contractor's primary and excess liability policies are exhausted.

- 4. **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.
- 5. **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.
- 6. **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.
- 7. **Self-Insured Retentions** must be declared to and approved by the County. The County may require the 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. The CGL and any policies, including Excess liability policies, may not be subject to a self-insured retention (SIR) or deductible that exceeds \$25,000 unless approved in writing by the County. Any and all deductibles and SIRs shall be the sole responsibility of the Contractor or subcontractor who procured such insurance and shall not apply to the Indemnified Additional Insured Parties. County may deduct from any amounts otherwise due Contractor to fund the SIR/deductible. Policies shall NOT contain any self-insured retention (SIR) provision that limits the satisfaction of the SIR to the Named. The policy must also provide that Defense costs, including the Allocated Loss Adjustment Expenses, will satisfy the SIR or deductible. County reserves the right to obtain a copy of any policies and endorsements for verification.
- 8. **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 the County.
- 9. **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.
- 10. **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.
- 11. **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  $38\,04\,13$ .
- 12. **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.
- 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.

## SUIVIIVIAR I OF CONTRACT

	Contracto	or Name	NV5	, Inc									
	Descripti Hirschda				gine	ering	Support	Services	for	МсСоі	ırtney	Rd	and
						SUMN	MARY OF	MATERIA	L TEI	RMS			
Max Ann	ual Price:		\$ 24	0, 000.	00								
Contract	Start Date	:	7/1	/2024				Contract	End	Date:	6/30	/202	25
Liquidat	ed Damage	es:	N/A	A									
	INS	URANC	E POI	LICIES									
Commerci	al General Lia	bility	(\$2,00	0,000)									
Automobi	le Liability	(	\$1,000	,000)									
Worker's	Compensation		(Statut	ory Limit	.s)								
	nal Errors and												
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COUNTY OF NEVADA:						NO	OTICE & IDENTIFICATION  CONTRACTOR:						
Nevada County Public Works Department Solid Waste Division							NV5, Inc						
Addr	ess:	950 M 59900		Ave,	Ste	170	PO Box	Address	3	792	Searls	Ave	
City, St, Zip Nevada City, CA 95959 Attn: David Garcia Email: david.garcia@nevadacountyca.g Phone: 530-265-7038								City, St, Attn: Email: h Phone:	eidic	Heid	i Cumr ngs@n	ning	23
Contractor is a: (check all that apply)							<b>EDD Worksheet Required</b>						
Corporati Non- Pro	<b>.</b>	Calif., Corp		Other,		LLC,			Yes [		No⊠		
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Exhibit A: Schedule of Services

Exhibit B: Schedule of Charges and Payments

**Exhibit C:** Insurance Requirements