

Administering Agency: Nevada County Department of Public Works

Contract No. _____

Contract Description: **Provide Solid Waste Engineering Support Services for the McCourtney Road and Hirschdale Closed Landfills**

PROFESSIONAL SERVICES CONTRACT

THIS PROFESSIONAL SERVICES CONTRACT ("Contract") is made at Nevada City, California, as of June 14, 2022 by and between the County of Nevada, ("County"), and Holdrege and Kull (H&K), an NV5 Company ("Contractor"), 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 Two Hundred Thirty-Eight Thousand, Eight Hundred and Thirty-One Dollars (\$ 238,831).**
3. **Term** This Contract shall commence on, 7/1/2022. All services required to be provided by this Contract shall be completed and ready for acceptance no later than the **Contract Termination Date** of: 6/30/2023.
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 the 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 the 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 or is determined by a court of competent jurisdiction or CalPERS to be eligible for enrollment in CalPERS as an employee of the 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 the 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.

Contractor without additional compensation. Contractor's personnel, when on the County's premises and when accessing the County network remotely, shall comply with the 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 the County's privileged access management platform for all remote access support functions, unless other methods are granted in writing by the County's Chief Information Officer or his/her designee.

14. **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. Each Contractor and subcontractor must furnish certified payroll records to the Labor Commissioner at least monthly.
 - The 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.
15. **Accessibility** It is the policy of the County of Nevada 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.
16. **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 in contravention of the California Fair Employment and Housing Act, Government Code section 12900 et seq.

17. **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.
18. **Political Activities** Contractor shall in no instance expend funds or use resources derived from this Contract on any political activities.
19. **Financial, Statistical and Contract-Related Records:**
 - 19.1. **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.
 - 19.2. **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 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.
 - 19.3. **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 Maximum Contract Price.
20. **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 the Contractor, the 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 the 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 the 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 the 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.
21. **Intellectual Property** 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, not the property of Contractor (herein "Intellectual Property"), which concern or relate to this Contract and which have been prepared by, for or submitted to Contractor by County, shall be the property of County, and upon fifteen (15) days demand therefor, shall be promptly delivered to County without exception.

22. **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.
23. **Conflict of Interest** Contractor certifies that no official or employee of the County, nor any business entity in which an official of the 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 Personnel Code.
24. **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.
25. **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 19, Termination.
26. **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.
27. **Compliance with Applicable Laws** Contractor shall comply with any and all federal, state and local laws, codes, ordinances, rules and regulations which relate to, concern or affect the Services to be provided by this Contract.
28. **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.

29. **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:

COUNTY OF NEVADA:

Nevada County
Solid Waste Department
Address: 950 Maidu Avenue, PO BOX
59902
City, St, Zip Nevada City, CA 95959-7902
Attn: David Garcia
Email: david.garcia@co.nevada.ca.us
Phone: (530) 265-7038

CONTRACTOR:

Name of firm
NV5/Holdrege & Kull (H&K)
Address 792 Searls Avenue
City, St, Zip Nevada City, CA 95959
Attn: Jason Muir
Email: Jason.Muir@nv5.com
Phone: (530) 478-1305

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.

Executed as of the day first above stated:

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 effective on the Beginning Date, above.

COUNTY OF NEVADA:

By: _____ Date: _____

Printed Name/Title: Honorable Sue Hoek, Chair, of the Board of Supervisors

By: _____

Attest: Julie Patterson Hunter, Clerk of the Board of Supervisors

CONTRACTOR:

By: _____ Date: _____

Name: _____

* Title: _____

By: _____ Date: _____

Name: _____

* Title: _____Secretary_____

****If Contractor is a corporation, this Contract must be signed by two corporate officers; one of which must be the secretary of the corporation, and the other may be either the President or Vice President, unless 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. Insurance Requirements

EXHIBIT A

SCHEDULE OF SERVICES

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

Fee Estimate for All Tasks, 2022-2023

Task No.	Description	Fee Estimate	Notes
1	Water Quality Monitoring and Reporting	\$ 109,714	Pursuant to MRP No. R5-2014-0022. See Attachment 2 for details.
2	Landfill Gas Monitoring Coordination, Technical Support and Reporting	\$ 9,200	Coordination and reporting pursuant to MRP No. R5-2014-0022.
3	Regulatory Correspondence and Coordination	\$ 11,280	Pursuant to RFQ Table 1.
4	Storm Water Pollution Prevention Plan (SWPPP) and QISP Services	\$ 6,860	Including Level 2 support, pursuant to (IGP) 2014-0057-DWQ.
5	Annual Facility Inspection and Report	\$ 2,060	Pursuant to MRP No. R5-2014-0022 Section A.7. a.
6	Landfill Cap Settlement Monitoring	\$ -	Not required until 2021
7a	Subcontracted Electrical Improvements, Management and Quality Assurance	\$ -	Estimated electrical contractor costs for improvements and permitting.
7b	Water Supply Well CM and QA	\$ 49,717	Well drilling, sampling and analysis, pump testing, permitting.
8	Laboratory Analysis	\$ -	Included in monitoring tasks.
9	Coordination with Landfill Technician	\$ -	Included in monitoring tasks.
10	Engineering Design and Oversight for Future Capital Projects	\$ 50,000	Scope and fee to be determined.
Total Estimate		\$ 238,831	

Water Quality Monitoring and Reporting Program (Task 1) Budget, 2022-2023

Summary					
Task	Service Description	Base Quantity	Unit	Unit Price	Budget
1a	Water Quality Monitoring (See Task 1a detail below)	See Below			\$70,178
1b	Statistical Analysis of Groundwater Data	2	Each	\$2,350	\$4,700
1c	Semi-Annual Reporting and Electronic Submittals	2	Each	\$12,418	\$24,836
1d	General Consulting	1	T&M	NA	\$10,000
Task 1 Total Estimate					\$109,714

Summary of Task 1a - Water Quality Monitoring						
Task	Source	Service Description	Units Budgeted ¹	Unit ²	Unit Price	Budget
Groundwater Monitoring	2022 Schedule	Quarterly GW Elevation Measurements	32	Hours	\$110	\$3,520
	2022 Schedule	Semi-Annual Sampling	176	Hours	\$110	\$19,360
	2022 Schedule	5 Year COC Sampling	0	Hours	\$110	\$0
	Sch MRP A1	Semi-Annual Analysis	60	Each	\$248	\$14,880
	2022 Schedule	All Terrain Vehicle (per day)	24	Each	\$60	\$1,440
	NA	5 Year COC Analysis	0	Each	na	na
Surface Water Monitoring	2022 Schedule	Semi-Annual and SWPPP Sampling	24	Hours	\$110	\$2,640
	Sch MRP A3	Semi-Annual Analysis	12	Each	\$120	\$1,440
	Sch SWPPP	SWPPP Analysis	20	Each	\$279	\$5,580
	NA	5 Year COC Analysis	0	Each	na	na
Vadose Zone Monitoring	2022 Schedule	Semi-Annual Sampling	28	Hours	\$110	\$3,080
	2022 Schedule	5 Year COC Sampling	0	Hours	\$110	\$0
	Sch MRP A2	Semi-Annual Analysis	28	Each	\$241	\$6,748
	NA	5 Year COC Analysis	0	Each	na	na
Leachate Monitoring	2022 Schedule	Semi-Ann. PS-1, PS-2, SI-1 Sampling	6	Hours	\$110	\$660
	2022 Schedule	Semi-Ann. SI-1, SI-2 Sampling	4	Hours	\$110	\$440
	Sch MRP A5b	Semi-Ann. SI-1 Sump Analysis	2	Each	\$145	\$290
	Sch MRP A5a	Semi-Ann. Pump Station Analysis	4	Each	\$435	\$1,740
	Sch MRP A4	Semi-Ann. SI-1 and SI-2 Analysis	4	Each	\$120	\$480
	NA	5 Year COC PS, SI-1 Sump Analysis	0	Each	na	na
Additional Testing	Sch TB	EPA 8260 Trip Blanks ³	38	Each	\$120	\$4,560
	Sch DUP	EPA 8260 QA Duplicates ⁴	11	Each	\$120	\$1,320
	Contract Lab	EPA Method 8270	na	Each	\$270	TBD
	Contract Lab	EPA Method 8151A	na	Each	\$198	TBD
	Contract Lab	EPA Method 8141B	na	Each	\$174	TBD
	Contract Lab	Oil & Grease	na	Each	\$78	TBD
	Contract Lab	Total Dissolved Solids (TDS)	na	Each	\$24	TBD
	Contract Lab	Total Suspended Solids (TSS)	na	Each	\$30	TBD
	Contract Lab	Inorganics (dissolved)	na	Each	\$289	TBD
	Contract Lab	Shipping Charges ⁵	na	T&M	Note 5	TBD
	2022 Schedule	Field Parameters (pH, EC, turbidity)	100	Each	\$20	\$2,000
	Task 1a Total Estimate					\$70,178

Annual Staff Resource Allocation Estimates

Task No.	Service Description	Quantity	Unit
Task 1 - Water Quality Monitoring and Reporting			
1a	Water Quality Monitoring (Includes two semi-annual events per year)		
	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
	Technician - Semi-annual vadose zone sampling (2 events)	28	Hours
	Technician - Semi-annual leachate sump sampling (2 events)	6	Hours
	Technician - Semi-annual surface impoundment sampling (2 events)	4	Hours
	Technician - 5-year COC Sampling (not required until 2026)	0	Hours
1b	Statistical Analysis of Groundwater Data (Includes two semi-annual events per year)		
	Associate Engineer - Management and oversight	2	Hours
	Project Geologist - Data evaluation and transmittal	8	Hours
	Geochemist - Statistical evaluation and trend analysis (Geochem Applications)	20	Hours
1c	Reporting and Electronic Submittals (Includes two semi-annual events per year)		
	Associate Engineer - Management and review	32	Hours
	Project Geologist/Engineer - Reporting	80	Hours
	Technical Editor - Data tabulation and reporting	40	Hours
	Project Assistant	23	Hours
Task 2 - Landfill Gas Monitoring Coordination, Technical Support, and Reporting			
2a	Coordination and Technical Support (Includes two semi-annual events per year)		
	Associate Engineer - Management and oversight	4	Hours
	Project Geologist - Laboratory coordination and technical support	20	Hours
	Project Assistant - Sample shipping and meter rental	8	Hours
2b	Semi-Annual Reporting (Includes two events per year, submitted with Annual Monitoring Report, Task 1)		
	Associate Engineer - Management and review	4	Hours
	Project Geologist - Reporting	16	Hours
	Technical Editor - Data tabulation and reporting	8	Hours
	Project Assistant	4	Hours
Task 3 - Regulatory Correspondence and Coordination			
3	Regulatory Liaison Services (General Engineering and Permitting, Coordination, Meetings)		
	Associate Engineer - Regulatory Liaison	24	Hours
	Project Geologist - Regulatory Liaison	32	Hours
	Technical Editor - Assistance and editorial review	16	Hours
Task 4 - Storm Water Pollution Prevention Plan (SWPPP) and QISP Services			
4a	Annual Reporting and Electronic Submittal (SMARTS)		
	Associate Engineer - Management and Oversight	4	Hours
	Project Geologist - Reporting and Electronic Submittals	8	Hours
	Technical Editor - Review and electronic submittals	20	Hours
4b	Qualified Industrial Stormwater Practitioner (QISP) Support		
	Associate Engineer - Management and Oversight	4	Hours
	Project Geologist - Reporting and Electronic Submittals	8	Hours
	Technical Editor - Review and electronic submittals	10	Hours
Task 5 - Annual Facility Inspection and Report			
5	Annual Facility Inspection (Reporting is Included in Annual Monitoring Report, Task 1)		
	Associate Engineer - Management and oversight	2	Hours
	Project Geologist - Annual Inspection and coordination	8	Hours
	Technical Editor - Data tabulation	4	Hours
Task 6 - Landfill Cap Settlement Monitoring (Not Required Until 2026)			
6	Settlement Survey and Reporting		
	Associate Engineer - Management and oversight	0	Hours
	Project Geologist - Coordination and data evaluation	0	Hours
	Subcontracted Survey - Dundas Geomatics	0	Hours

Annual Staff Resource Allocation Estimates

Task No.	Service Description	Quantity	Unit
Task 7 - Landfill Improvement Projects			
7a	Modification of Electrical Panels Near SI-1 (Not Included in Current Scope)		
	Associate Engineer - Management and oversight	0	Hours
	Staff Engineer	0	Hours
	Sub-contracted Construction: Materials, Tax, Labor and Permitting	0	Each
Water Supply Well CM and QA			
7b	Associate Engineer/Geologist	28	Hours
	Senior Geologist	32	Hours
	Staff Geologist	168	Hours
	Engineering Technician III	60	Hours
	Project Assistant	8	Hours
	Laboratory Analysis, Rental Equipment, Materials and Expenses	\$6,829	Estimate
Task 8 - Laboratory Analysis			
8a	Groundwater - Semi-annual analysis (two events)	60	Each
	Groundwater - 5-Year COC analysis (not required until 2026)	0	Each
8b	Surface Water - Semi-annual analysis (two events)	12	Each
	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
	Vadose Zone - 5-Year COC analysis (not required until 2026)	0	Each
8d	Leachate - Semi-annual SI-1 sump analysis (two events)	2	Each
	Leachate - Semi-annual pump station analysis (two events)	4	Each
	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
	Quality Control - Field Duplicates (collected at a rate of 10% of field samples)	11	Each
Task 9 - Coordination with Landfill Technician			
9	Included in the monitoring and maintenance tasks listed above	0	Hours
Task 10 - Engineering Design and Oversight for Future Capital Projects			
10	Tasks to be determined for the 2022-2023 fiscal year	TBD	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

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 – 2022 rate sheet is attached and the standard markup is 10%
2. Lawrence & Associates – invoiced per the attached NV5 rate sheet, with Clayton Coles billing at senior level (\$170/hr)
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, he bills us \$150/hr and our markup is 10%, so the invoiced rate is \$165/hr.
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, but not to exceed once per month, 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. Location services were provided
4. Date services were provided
5. Unit price as found in attached Fee Schedules
6. Extended price
7. 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 the County project manager(s).

Submit all invoices to:

Nevada County Solid Waste Department
Address: 950 Maidu Avenue, Suite 170,
PO Box 599002
City, St, Zip Nevada City, CA 95959
Attn: David Garcia
Email: David.garcia@co.nevada.ca.us
Phone: 530-265-7038

Payment Schedule

The 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 the Contractor agrees to accept payment by County warrant.

Fee Schedule and Notes, 2022-2023

2022 Professional Services Fee Schedule	Hourly Rate
Principal	\$240
Associate Engineer/Geologist	\$190
Senior Engineer/Geologist	\$175
Project Engineer/Geologist	\$165
Staff Engineer/Geologist	\$148
Engineering Technician III	\$110
Technical Editor	\$90
AutoCAD Operator	\$105
Project Assistant	\$85

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.

COC = constituent of concern

na = not applicable (item was not included in original budget but can be performed if required)

PS = Pump Station

SI = Surface Impoundment

SWPPP = Storm Water Pollution Prevention Plan



2022 FEE SCHEDULE

PERSONNEL	HOURLY RATE
Project Assistant	\$85
AutoCAD Operator	\$105
Technical Editor	\$90
Assistant Engineer/Geologist	\$120
Staff Engineer/Geologist/Scientist I	\$143
Staff Engineer/Geologist II	\$148
Project Engineer/Geologist I	\$165
Project Engineer/Geologist II	\$170
Senior Engineer/Geologist	\$175
Associate Engineer/Geologist	\$190
Principal	\$240
Expert Testimony and Deposition (four-hour minimum)	\$350
Laboratory Technician Shop Rate	\$90
Engineering Technician I	\$95
Engineering Technician II	\$105
Engineering Technician III	\$110
Shop Welding Inspector	\$107
Certified Welding Inspector (CWI/AWS)	\$119
Non-Destructive Testing (NDT) Technician	\$119
Project Manager I / Construction Services Manager I	\$130
Project Manager II / Construction Services Manager II	\$156
Senior Project Manager / Senior Construction Services Manager	\$175

PREVAILING WAGE SERVICES	HOURLY RATE
Field Soils and Materials Tester, Soil/Asphalt	\$127
ACI Concrete Tester	\$126
ICC Fireproofing	\$124
Proofload/Torque Testing	\$124
AWS/CWI Certified Welding Inspector	\$134
ASNT Level II Non-Destructive Testing (NDT)	\$140
ICC Certified Structural Inspector	\$131
DSA Masonry/Shotcrete and Lead Inspector	\$140
Travel Time – Tester/Inspector	\$85

FIELD EQUIPMENT	UNIT RATE
All-Terrain Vehicle	\$60/Day
Cone Penetrometer	\$123 Half Day/\$196 Full Day
Core Drill Machine	\$168 Half Day/\$278 Full Day
DAQ III/Seismic Refraction Survey	\$380/Day
Ground Penetrating Radar/Profometer	\$440/Day
Schmidt Hammer	\$26/day
Tension Ram	\$34/Day
Simple Field Infiltrometer	\$90/Day
Turbidity Meter	\$55/Day
Simple pH/Conductivity Meter	\$58/Day
Water Quality Meter (pH, conductivity, temperature, DO)	\$119/Day

Notes

- Mileage and hourly rates will be charged portal to portal. Mileage will be billed at \$0.76 per mile.
- Outside services will be billed at our cost plus 20 percent.
- Overtime rates for Saturday or over 8 hours/day: 1.5 x hourly rate.
- Double-time rates for Saturday, Sunday, holiday, or over 12 hours/day: 2.0 x hourly rate.
- Prevailing wage second shift rates: hourly rate plus \$20/Hour.
- A minimum 2-hour fee will be charged for site visits. Time over 2 hours will be billed in half-hour increments.
- A minimum 2-hour fee will be charged for scheduled site visits not cancelled in advance of arrival.
- Per Diem will be billed at cost plus 20 percent unless other arrangements are made.

DDGEO
DUNDAS GEOMATICS, INC.
GEOMATIC & CIVIL ENGINEERS

HOURLY RATE SCHEDULE
2022

PRINCIPAL-IN CHARGE	\$175
PROJECT MANAGER / PE or LS.....	\$150
EXPERT TESTIMONY / PE or LS (4.0 HR MIN).....	\$275
AERIAL MAPPING (PILOT & DRONE).....	\$120/\$160*
PROJECT ENGINEER / PROJECT SURVEYOR.....	\$120
DRAFTER / MODELER.....	\$90
SURVEY PARTY CHIEF (w/equipment in field).....	\$180 / \$225*
(Sites with Toxic Remediation Controls).....	\$210/ \$245*
SURVEY FIELD TECHNICAN (w/ Party Chief in field).....	\$75 / \$95*
(Sites with Toxic Remediation Controls).....	...\$90/ \$105*
ADMIN	\$35

Regular Rate / Prevailing Rate*

TRAVEL (Combined hourly rate x travel time one way)

Note: Prevailing Wage Rates will vary depending on County where work is being performed.



159 S. Auburn St.
 Grass Valley, CA 95945
 USA

PHONE (530) 274-1616
 WEB @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 the Contractor, its agents, representatives, or employees. Coverage shall be at least as broad as:

- (i) **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.
- (ii) **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.
- (iii) **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. **(Not required if contractor provides written verification it has no employees).**
- (iv) **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:

- (i) **Additional Insured Status: The 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 the 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 the 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.)
- (ii) **Primary Coverage** For any claims related to this contract, the **Contractor’s insurance shall be primary** insurance primary coverage at least as broad as ISO CG 20 01 04 13 as respects the County, its officers, employees, agents, and volunteers. Any insurance or self-insurance maintained by the County, its officers, employees, agents, and volunteers shall be excess of the Contractor’s insurance and shall not contribute with it.
- (iii) **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 the County of Nevada.
- (iv) **Waiver of Subrogation** Contractor hereby grants to County a waiver of any right to subrogation which any insurer or said Contractor may acquire against the 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 the County has received a waiver of subrogation endorsement from the insurer.
- (v) **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.
- (vi) **Deductible and Self-Insured Retentions** Deductible and 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. **(Note – all deductibles and self-insured retentions must be discussed with risk, and may be negotiated)**

- (vii) **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.
- (viii) **Claims Made Policies** if any of the required policies provide coverage on a claims-made basis: **(note – should be applicable only to professional liability)**
 - 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, the Contractor must purchase "extended reporting" coverage for a minimum of **five (5)** years after completion of contract work.
- (ix) **Verification of Coverage** Contractor shall furnish the 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 the Contractor's obligation to provide them. The County reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.
- (x) **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.
- (xi) **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.
- (xii) **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 the County as noted above. In no cases shall the types of policies be different.
- (xiii) **Premium Payments** The insurance companies shall have no recourse against the 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.
- (xiv) **Material Breach** Failure of the 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.
- (xv) **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 a 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.

Contractor Name: Holdrege and Kull (H&K), an NV5 Company.

Description of Services: Provide Solid Waste Engineering Support Services for the McCourtney Road and Hirschdale Closed Landfills

SUMMARY OF MATERIAL TERMS

Max Annual Price: \$ 238,831
Contract Start Date: 7/1/2022 **Contract End Date:** 6/30/2023
Liquidated Damages: N/A

INSURANCE POLICIES

Commercial General Liability	(\$2,000,000)
Automobile Liability	(\$1,000,000)
Worker's Compensation	(Statutory Limits)
Professional Errors and Omissions	(\$2,000,000)

LICENSES AND PREVAILING WAGES

Designate all required licenses: As Applies _____

NOTICE & IDENTIFICATION

COUNTY OF NEVADA:

Nevada County
Solid Waste Department

Address: 950 Maidu Avenue, Suite 170
City, St, Zip Nevada City, CA 95959
Attn: David Garcia
Email: david.garcia@co.nevada.ca.us
Phone: (530) 265-7038

CONTRACTOR:

NV5/Holdrege & Kull (H&K)

Address 792 Searls Avenue
City, St, Zip Nevada City, CA 95959
Attn: Jason Muir
Email: Jason.Muir@nv5.com
Phone: (530) 478-1305

Contractor is a: (check all that apply)

- Corporation: Calif., Other, LLC,
- Non- Profit Corp Yes No
- Partnership: Calif., Other, LLP, Limited
- Person: Individ., Dba, Ass'n Other

EDD Worksheet Required

Yes No

ATTACHMENTS

- Exhibit A:** Schedule of Services
- Exhibit B:** Schedule of Charges and Payments
- Exhibit C:** Insurance Requirements