

SNOHOMISH COUNTY COUNCIL
Snohomish County, Washington

MOTION NO. 26-305

AUTHORIZING THE COUNTY EXECUTIVE TO SIGN A CONSULTANT SERVICES
AGREEMENT AMENDMENT WITH LANDAU ASSOCIATES INC. FOR PAINE FIELD
FORMER TECT LEASE AREA AGREED ORDER IMPLEMENTATION AT
SNOHOMISH COUNTY AIRPORT AT PAINE FIELD

WHEREAS, this Agreement is the product of County RFQ No. 23-004BC and Landau Associates Inc. was selected as the most qualified company to perform the services required by the Department of Ecology Agreed Order; and

WHEREAS, on February 1, 2023, Ecology formally terminated Airport's enrollment in the VCP and deemed the site too complex, and an Agreed Order (AO) would be required; and

WHEREAS, the Airport, with assistance of its attorneys, has negotiated an Agreed Order with the Department of Ecology that requires the County to undertake all actions for remedial work; and

WHEREAS, the services required by Ecology include the following: Task 1: Agreed Order Remedial Investigation/Feasibility Study Work Plan, Task 2: Remedial Investigation Field Work and Report, Task 3: Interim Action(s) (if required), Task 4: Feasibility Study Report(s), Task 5: State Environmental Policy Act (SEPA) Compliance, Task 6: Public Participation, Task 7: Preliminary Draft Cleanup Action Plan. Task 8: Progress Reports; and

WHEREAS, Snohomish County Council approved a contract with Landau Associates per approved Motion 23-314 to implement the Agreed Order, and

WHEREAS, the required AO schedule of deliverables has been delayed requiring more time due to multiple site mobilizations to characterize the limits of contamination; and

WHEREAS, the Airport and Ecology have agreed it is in the best interest of the project to move forward with Interim Actions (Task 3) to clean up certain plumes that have been identified within the existing AO; and

WHEREAS, additional funds will be needed to implement cleanup of certain plumes. Costs for engineering design, SEPA and interim action workplans are at a minimum required; and

MOTION NO. 26-305

AUTHORIZING THE COUNTY EXECUTIVE TO SIGN A
CONSULTANT SERVICES AGREEMENT AMENDMENT WITH
LANDAU ASSOCIATES INC. FOR PAINE FIELD FORMER TECT LEASE
AREA AGREED ORDER IMPLEMENTATION AT SNOHOMISH COUNTY AIRPORT AT PAINE FIELD
PAGE 1 OF 2

WHEREAS, the original contract included a provision in Section 2 allowing the County to extend the agreement up to one (1) additional two (2) year term, at the sole discretion of the County, by written notice from the County to the Contractor; and

WHEREAS, the Airport requests approval of an Amendment with Landau Associates Inc. in the amount NTE \$2,250,000 and one (1) additional three (3) year term, at the sole discretion of the County, by written notice from the County to the Contractor;

NOW, THEREFORE, ON MOTION, the Snohomish County Council approves and authorizes the Snohomish County Executive to sign the Consultant Services Agreement with Landau Associates Inc. in the form attached hereto not to exceed \$2,250,000.00.

PASSED this ____ day of _____, 2026.

SNOHOMISH COUNTY COUNCIL
Snohomish County, Washington

Council Chair

ATTEST:

Deputy Clerk of the Council

Snohomish County Airport
RFQ No. 23-004BC, Agreed Order with Department of Ecology,
TECT Site Paine Field, Landau Associates, Inc.
Amendment No. 1

CONSULTANT: Landau Associates Inc.
CONTACT PERSON: Jerry Ninteman, Senior Principal Engineer
ADDRESS: 155 NE 100th Street, Suite 302
Seattle, WA 98125
FEDERAL TAX ID NUMBER/
U.B.I. NUMBER: 91-1273329 / 600-557-469
TELEPHONE/FAX NUMBER: 206-631-8680
COUNTY DEPT: Airport
DEPT. CONTACT PERSON: Andrew Rardin
TELEPHONE/FAX NUMBER: 425-388-5115
PROJECT: TECT Agreed Order Implementation
ORIGINAL AMOUNT: \$1,694,100.00
AMENDMENT 1 AMOUNT: Additional \$2,250,000
FUND SOURCE: 410.5216804101
CONTRACT DURATION: Original:
09/01/2023 through 12/31/2026
Amendment No. 1:
01/01/2027 through 12/31/2028

AMENDMENT NO. 1 TO AGREEMENT FOR PROFESSIONAL SERVICES

THIS AMENDMENT NO. 1 ("Amendment 1") to the AGREEMENT FOR PROFESSIONAL SERVICES (the "Agreement") is made by and between SNOHOMISH COUNTY, a political subdivision of the State of Washington (the "County") and LANDAU ASSOCIATES, Inc., a Washington Corporation (the "Contractor").

WHEREAS, the original contract included a provision in Section 2 allowing the County to extend the agreement for up to one (1) additional two (2) year term, at the sole discretion of the County, by written notice from the County to the Contractor; and

WHEREAS, the Airport and Ecology have agreed it is in the best interest of the project to move forward with Interim Actions (Task 3) to clean up certain plumes that have been identified within the existing AO; and

WHEREAS, additional funds will be needed to implement cleanup of certain plumes. Costs for engineering design, SEPA and interim action workplans are at a minimum required; and

WHEREAS, additional time beyond the extension of the current contract may be necessary to implement the entirety of the AO.

NOW, THEREFORE, in consideration of the mutual benefits and covenants contained herein, the parties agree as follows:

1. Extension of Term. The County notified Contractor in writing on July 1, 2026, that it extends the term of the Agreement for an additional two-year term as allowed by Section 2 of the Agreement, commencing 1/1/2027 with a new Agreement termination date of 12/31/2028. The Contractor shall commence work upon the Effective Date and shall complete the work required by this Agreement no later than 12/31/2028, PROVIDED, HOWEVER, that the County's obligations after December 31, 2026, are contingent upon local legislative appropriation of necessary funds for this specific purpose in accordance with the County Charter and applicable law.
2. Section 3, Compensation. The parties agree to additional compensation for the extended two-year Agreement term, attached hereto as Schedule C and fully incorporated herein by reference, Scope of Services and Recommended Budget for 2027-2028. Total charges under this Amendment No. 1 to the Agreement for the extended two-year term shall not exceed an additional \$2,250,000.00 (excluding future extensions or renewals, if any).
3. Section 2, Term. The parties agree that the term of the Agreement, which has been extended to 12/31/2028, may be extended or renewed for one (1) additional three (3) year term at the sole discretion of the County, by written notice from the County to the Contractor.
4. All other terms and conditions of the Agreement not inconsistent with this Amendment No. 1 shall remain in full force and effect except as expressly modified by this Amendment No. 1.

SNOHOMISH COUNTY:

LANDAU ASSOCIATES:

Dated this ____ day of _____, 2026,

Dated this 29th day of July, 2026,

Snohomish County Executive



Jerry Ninetman, Senior Principal
Engineer

Approved as to form only:

Corsi, Michelle Digitally signed by Corsi, Michelle
Date: 2026.07.30 10:20:13 -07'00'

Deputy Prosecuting Attorney Date



SCHEDULE C

July 9, 2026

Transmitted via email to: andrew.rardin@co.snohomish.wa.us

Snohomish County Airport
3220 100th Street SW, Suite A
Everett, WA 98204-1303

Attn: Andrew Rardin, Airport Environmental Manager

**Re: Proposal Amendment to Agreement for Professional Services
2027-2028 TECT Aerospace Cleanup Agreed Order Implementation
Paine Field/Snohomish County Airport
Everett, Washington
Landau Project No. 0222057.050**

Dear Mr. Rardin:

Landau Associates, Inc. (Landau) is pleased to submit this proposed scope of services and recommended budget to amend our existing professional services agreement that provides environmental consulting services to Paine Field/Snohomish County Airport (Airport) in ongoing implementation of a Model Toxics Control Act (MTCA) Agreed Order (AO) for the TECT Aerospace Cleanup site (Site), located at the Airport. The existing agreement was fully executed on August 23, 2023 and expires on December 31, 2026, unless extended or renewed pursuant to Section 2 of the agreement. The proposed scope and budget included in this letter covers the 2-year period of January 1, 2027 through December 31, 2028, though it is likely that some of the scoped tasks will require additional time beyond December 31, 2028 to complete, in which case an extension of the agreement or a new agreement will be needed.

The AO was fully executed on August 30, 2023 and requires the Airport to complete a MTCA remedial investigation and feasibility study (RI/FS), prepare a public review draft cleanup action plan (DCAP), and complete any interim actions (IAs) deemed necessary by the Airport or Ecology. Landau's existing agreement with the Airport includes funding through completion of the DCAP and funding for limited IA services. Currently, the project has progressed through submittal of an Agency review draft RI report to the Washington State Department of Ecology (Ecology), and Landau anticipates beginning the FS stage of the project in late summer or fall 2026 following Ecology acceptance of the public review draft RI report. The FS will evaluate cleanup action alternatives to address the documented finding of chlorinated solvent contamination in shallow soil and in both shallow and deep groundwater at the Site, as well as petroleum hydrocarbon contamination in shallow soil and groundwater in specific areas of the Site.

Ecology approval of the public review draft FS is expected to occur sometime in the first or second quarter of 2027. Instead of proceeding to public review of the draft FS followed by the DCAP and design phases of the project, the Airport and Ecology have agreed to proceed with implementing a series of IAs to achieve the bulk of the Site cleanup and refine the final design of the cleanup action. The selection of IAs will be based on the recommended cleanup actions described in the approved public review draft FS. Because IAs deemed necessary by the Airport or Ecology are also included within the AO (Task 3), it will not be necessary to amend the AO to implement the IAs. Under this approach, the DCAP would be prepared after completion of the IAs. The proposed scope of services and recommended budget included in this letter primarily address additional field investigation to facilitate design of the IAs and the preparation of an IA work plan as described in Task 3 of the AO.

PROPOSED SCOPE OF SERVICES

The proposed scope of services is broken down by task using a task numbering system consistent with the numbering system used in Landau's current scope of services. Using this approach, tasks that were fully completed under the existing agreement (e.g., Task 1, AO RI/FS Work Plan Preparation) will not be shown below. However, tasks that will continue in 2027 and 2028 and that require additional funding at this time (e.g., Task 3, SEPA Compliance and Interim Actions, Task 7, Project Management) are described below. No new tasks are being added to address this expanded scope of services at this time.

It is noted that the scope of services described below does not include sufficient detail to allow an accurate estimation of future project costs. The costs presented herein therefore represent recommended budgets based on the available information and anticipated levels of effort; actual costs will likely be higher or lower based on selected cleanup remedies and detailed scopes developed later in the project. This budget was developed on a task-by-task basis; however, budget may be re-allocated between tasks as needed depending on Airport and project needs. Estimated budgets broken down by task are described below.

Task 3: SEPA Compliance and Interim Actions

Two new subtasks, Task 3A, Interim Action Design Investigation and Task 3B, Interim Action Work Plan(s), are proposed to be added to Task 3 of our existing authorization. Each of these new subtasks are described below.

Task 3A: Interim Action Design Investigation

This subtask includes conducting a supplemental investigation to address data gaps prior to preparing the IA work plan. The existing Site data sufficiently address MTCA requirements for completing the RI/FS, but additional data are needed to design efficient and cost-effective IAs for several areas of the Site where such actions will likely be conducted. This subtask will include developing an IA design investigation (IADI) work plan, conducting the field investigation, and reporting the results to Ecology. The primary components of this subtask are described further below.

Interim Action Design Investigation Work Plan

Landau will prepare a draft and final IADI work plan for Ecology review and approval. The IADI work plan will reference existing project sampling and analysis procedures to allow the work plan to be focused on the scope of the IADI and minimize the level of effort for addressing investigation methods and procedures. The work plan will provide sufficient detail to allow Ecology to understand the scope of the intended activities, including figures showing exploration locations and tables summarizing the planned sample collection and analytical methods.

The areas of the Site to be investigated during the IADI will not be fully known until after the FS has been finalized. However, for budgeting purposes, Landau has assumed that the following data gaps will require further investigation before the IA work plan can be prepared:

- Further delineation of chlorinated solvent contamination around the former vapor degreaser at the south end of Building C-19
- Further delineation of chlorinated solvent contamination beneath the Building C-23 Annex
- Further delineation of chlorinated solvent contamination in the immediate vicinity of the suspected source area associated with Former Building C-27
- Additional investigation to more definitively identify the number, estimated size, and location of suspected underground storage tanks (USTs) within the Former East Fuel Farm.

For planning purposes, Landau has assumed that a draft work plan will be prepared for Airport review and that, after addressing Airport comments, Landau will prepare a draft final and a final version of the work plan for submission to Ecology. Landau has assumed that the draft work plan will be provided in electronic (PDF) format for submittal to Ecology and that the agency will provide only brief comments to the draft final that will not require extensive modification to the document or the proposed scope of pre-design investigation activities.

Landau recommends a budget of \$110,000 for this subtask element.

Interim Action Design Investigation Field Services

The IADI will mainly consist of the installation and sampling of temporary borings using rotasonic drilling methods to further delineate chlorinated solvent contamination in the areas described above. The borings will be drilled and sampled in a manner that is consistent with the approach used for drilling and sampling temporary borings during the RI. The investigation within the Former East Fuel Farm is anticipated to rely on a combination of geophysical exploration techniques and the use of test pits to obtain the needed UST information.

The detailed scope of the IADI will not be known until after the IADI work plan has been finalized; however, for budgeting purposes, Landau recommends a budget of \$375,000 for this subtask element.

Interim Action Design Investigation Data Report

Landau will prepare an IADI data report to be submitted to Ecology that summarizes the IADI results. The report will include a brief description of the investigation activities and deviations from the work plan, tables summarizing the analytical results, and figures showing the sample collection locations. Evaluation of the data will be limited to an assessment of whether sufficient data were collected to allow IA design to proceed or if further investigation is needed. Additional presentation of the data will be deferred to the IA work plan, which will include presentation of the data in data box figures. Landau has assumed that the IADI data report will be provided to Ecology in electronic (PDF) format. It is also assumed that it will not be necessary to submit a draft report to Ecology for review prior to submittal of the final report. All data will be submitted electronically to Ecology's Environmental Information Management database. Landau recommends a budget of \$100,000 for this subtask element.

Task 3B: Interim Action Work Plan(s)

This subtask includes preparing an IA work plan to implement the area-specific IAs identified for the Site following submittal of the public review draft FS. The contents of the IA work plan are described under Task 3 of the AO and will include the following:

- Description of the IA including its purpose, general requirements, and relationship to the (final) cleanup action (to the extent known).
- Summary of relevant RI information, including, at a minimum, existing Site conditions and alternative IAs considered (this section will likely reference the RI and FS reports). This section will also include graphical presentation of the IADI data.
- Information regarding design and construction requirements, including a proposed schedule and personnel roles and responsibilities.
- Compliance monitoring plan.
- Sampling and Analysis Plan/Quality Assurance Project Plan.
- Description of required permits.

The IA work plan is anticipated to cover all the individual, area-specific IAs to be completed at the Site in a single document. The exact number of IAs to be addressed in the work plan is not known, but the proposed budget is expected to allow for the design of up to five separate IAs. Alternatively, two or more IA work plans may be prepared, each addressing a different area-specific IA. The decision on which approach will be used will be primarily based on schedule and other logistical considerations at the initiation of the IA work plan preparation phase of the project.

As stated in MTCA [Washington Administrative Code (WAC) 173-340-430(7)], the IA work plan "shall be of a scope and detail commensurate with the work performed and site-specific characteristics," and therefore descriptions of the design and construction requirements of each IA will likely vary widely depending on the complexity of the IA. Where appropriate, certain elements of an engineering design report and of construction plans and specifications, as described in MTCA WAC 173-340-400,

will be included in the IA work plan as necessary to promote bidding, planning, and construction of a highly effective IA.

For planning purposes, Landau has assumed that a draft IA work plan will be prepared for Airport review, and after addressing Airport comments, Landau will prepare a draft final and a final version for submission to Ecology. Landau has assumed that all drafts of the IA work plans will be provided in electronic (PDF) format and that up to two paper copies will be submitted to Ecology. Landau recommends a budget of \$1,175,000 to complete this subtask.

Task 5: Ecology Coordination and Public Participation

Landau's services under Task 5 will include ongoing coordination with Ecology, Ecology meetings and general coordination, preparation of public participation materials and participation in meetings, and preparation of progress updates. Specific activities that will be accomplished include preparing/submitting quarterly progress reports on behalf of the Airport, participating in meetings attended remotely or in person (if appropriate at the time) to discuss project status with Ecology personnel, preparing draft Responsiveness Summaries following public review periods, preparing a State Environmental Policy Act (SEPA) checklist, and responding to requests and project questions or concerns raised by Ecology outside the scope of other AO-defined tasks for the Site. Additionally, Landau will prepare weekly email summaries during RI and IA fieldwork to keep Ecology informed on progress and any issues that arise. Landau recommends adding \$65,000 to the existing authorized budget for Task 5 to allow completion of Task 5 services during the 2027 through 2028 period.

Task 7: Project Management

This task comprises project management and administrative duties including project scope and budget setup; invoicing and budget tracking; internal team coordination; coordination with the Airport; and assisting the Airport in developing scoping, cost, and schedule projections for planning purposes to support project funding. Landau recommends adding \$75,000 to the existing authorized budget for Task 7 to allow completion of Task 7 services during the 2027 through 2028 period.

Task 8: Unanticipated Conditions and Tasks

This task includes funding to address unanticipated conditions that may arise in the field (e.g., subsurface conditions that significantly impact drilling progress) and new or expanded tasks that are required by Ecology that are either not included in the above-described or previous scope or are otherwise outside of the breadth of the scope (i.e., go beyond the anticipated scope). Use of these funds will not be allowed without prior written authorization from the Airport. Landau recommends adding \$350,000 to the existing authorized budget for Task 8 to allow completion of Task 8 services during the 2027 through 2028 period.

RECOMMENDED BUDGET

The table below presents a summary of the recommended budgets for each of the scope items included in this letter. Recommended budgets are provided for Landau labor and equipment (including mileage and materials/supplies) and for subcontractor and vendor costs.

TECT AO Implementation	Recommended Budget		
	Landau Labor and Equipment	Subcontractors and Vendors	Task Totals
Task 3: SEPA Compliance and Interim Actions			
Task 3A: Interim Action Design Investigation (IADI)			
IADI Work Plan	\$ 110,000	\$ 0	\$ 110,000
IADI Field Services	\$ 175,000	\$ 200,000	\$ 375,000
IADI Data Report	\$ 100,000	\$ 0	\$ 100,000
Task 3B: Interim Action Work Plan(s)	\$ 1,170,000	\$ 5,000	\$ 1,175,000
Task 5: Ecology Coordination and Public Participation	\$ 64,000	\$ 1,000	\$ 65,000
Task 7: Project Management	\$ 75,000	\$ 0	\$ 75,000
Task 8: Unanticipated Conditions and Tasks	\$ 250,000	\$ 100,000	\$ 350,000
TOTALS	\$ 1,944,000	\$ 306,000	\$ 2,250,000

Landau's services will be provided in accordance with the 2026 Compensation Schedule (attached), which includes a standard technology infrastructure charge (TIC) of 4 percent applied to Landau labor (see the 2026 Compensation Schedule for information on the TIC). Landau labor for 2027 will be billed on a time-and-expenses basis in accordance with the attached 2026 Compensation Schedule. A subcontractor markup not to exceed 10 percent will be applied to all subcontractor and vendor charges. Future compensation schedules to take effect in January 2028, and potentially beyond, will be based on changes in the Western Urban Consumer Price Index (CPI) for the Seattle area and will be negotiated with Snohomish County in the fourth quarter of 2027. Negotiated changes in the compensation schedule for 2028 will not exceed the changes in the Seattle-area CPI. Landau-owned field equipment and disposable supplies will be invoiced using the attached 2026 Equipment & Supplies Rate Schedule. Future field equipment rates for 2028 will be negotiated in conjunction with the fourth quarter 2027 compensation schedule rates.

For budgeting purposes, Landau anticipates project spending to increase in the second year, with roughly 22 percent of the budget (about \$500,000) to be spent in 2027 and the remaining \$1.75 million to be spent in 2028 and likely extending into 2029. These amounts and time frames will be highly dependent on Ecology response times on document submittals, public reviews, and other logistical considerations.

PROJECT TEAM

The project team will be led by Jerry Ninteman, PE, as Project Manager, with Piper Roelen, PE, as FS and Interim Action Task Lead and Senior Technical Advisor. Jerry and Piper will be assisted by junior staff, including Kalpana Prasad as Field Services and Reporting Task Manager and Jenny Green, PE, or Elyssa Dixon, PE, as FS and Interim Action Senior Project or Associate Engineer. Other Landau personnel, primarily from the Seattle office, will provide field and office support as needed.

* * * * *

Thank you for the opportunity to provide you with this proposal. If you have any questions or comments regarding any part of this proposal, please do not hesitate to contact the undersigned.

LANDAU ASSOCIATES, INC.



Jerry Ninteman, PE
Senior Principal Engineer

PMR/JRN/bkc/ccy

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Attachments

2026 Compensation Schedule

2026 Equipment & Supplies Rate Schedule



COMPENSATION SCHEDULE–2026

Personnel Labor	Hourly Rate
Senior Principal	390
Principal	360
Senior Associate	330
Associate	300
Senior	275
Senior Project	250
Project	230
GIS Analyst / CAD Designer	230
Senior Staff	210
Staff / Senior Technician II	190
Data Specialist	190
CAD / GIS Technician	170
Assistant Staff	160
Project Coordinator	155
Senior Technician I	140
Technician	125
Administrative Support	125

Invoices include a Technology Infrastructure Charge (TIC) of four percent (4%) applied to billed labor. The TIC covers increasing costs associated with data storage and security and technological infrastructure to improve our consulting labor efficiencies on delivery of projects.

Expert professional testimony or the preparation thereof for court, deposition, declaration, mediation, arbitration, or public testimony is charged at 1.5 times the hourly rate. Rates apply to all labor, including overtime.

Equipment

Field, laboratory, and office equipment used in the direct performance of authorized work is charged at unit rates. A rate schedule will be provided on request.

Subcontractor Services and Other Expenses

Subcontractor billing and other project expenses incurred in the direct performance of authorized routine services will normally be charged at a rate of cost plus a ten percent (10%) handling charge. A higher handling charge for technical subconsultants and for high-risk field operations may be negotiated on an individual project basis; similarly, a lower handling charge may be negotiated on projects requiring disproportionately high subconsultant involvement.

Invoices

Invoices for Landau Associates' services will be issued monthly. Interest of 1½ percent per month (but not exceeding the maximum rate allowable by law) will be payable on any amounts not paid within 30 days.

Term

Unless otherwise agreed, Landau Associates reserves the right to make reasonable adjustments to our compensation rates over time (e.g., long-term continuing projects).

EQUIPMENT & SUPPLIES RATE SCHEDULE—2026

FIELD EQUIPMENT	Rate (\$)	Unit
Daily Field Equipment Charges (Misc. Tools, etc.)	32.00	Day
Daily Vehicle Usage Charges	60.00	Day
Air/Noise Equipment		
Meter – Air Velocity	50.00	Day
Meter – Dwyer Manometer series 475 Mark III	20.00	Day
TSI VelociCalc Thermal Anemometer	20.00	Day
Anderson Sampler	70.00	Day
Flow Restrictor	15.00	Day
Magnehelic Gauge Set	30.00	Day
Meter – Moisture	30.00	Day
Hydrophone Kit (CR1A)	500.00	Day
Inflatable for Hydroacoustic Monitoring	200.00	Week
Solar Array	175.00	Week
Meter – Sound Level, LD Lxt	200.00	Day
Meter – Sound Level, B&K	300.00	Day
Meter – Vibration	200.00	Day
Data Dashboard	100.00	Week
CadNA (software)	300.00	Project
INSUL Noise Model (software)	200.00	Project
Meter – Helium, GasCheck G2	80.00	Day
Sub-Slab Sampling Vapor Pin Kit and Shroud	50.00	Day
Rotomhammer – Milwaukee (Large)	70.00	Day
Rotomhammer – DeWalt (Small)	40.00	Day
Angle Grinder (including grinding wheels)	20.00	Day
Driver – ½” Impact (Cordless DeWalt)	30.00	Day
Drill – Cordless	15.00	Day
Pump – High Volume (Air) Thomas and GAST	20.00	Day
Air Corrosivity Test Kits	65.00	Week
Rotometer (1 to 20 LPM)	5.00	Day
Groundwater/Remediation Equipment		
Air Compressor	50.00	Day
Bailer – Stainless Steel/PVC	10.00	Day
Groundwater – Dataloggers/Transducers/Barologger	20.00	Day
Water Test Kit (Hach – Iron, H ₂ O ₂ , Chrome)	5.00	Each
Meter – Dissolved Oxygen	55.00	Day
Meter – ORP (Cole Parmer)/Turbidity (HACH)	55.00	Day
Meter – pH/Conductivity/Temperature	55.00	Day
Meter – YSI	150.00	Day
Flow Cell – Low Flow Groundwater	20.00	Day
Meter – Turbidity (MicroTip or HACH)	75.00	Day
Mixer – 55-Gallon Drum Mixer	95.00	Day
Oil/Water Interface Indicator	65.00	Day
Poly Tank or Drum (30 Gallons)	10.00	Day
Pump – Portable Bladder (QED)	60.00	Day
Pump Controller – Bladder (QED MP-10)	110.00	Day
Pump Controller – Bladder (QED MP-10H)	200.00	Day
Pump Controller – Bladder (QED MP-15)	120.00	Day
Pump – Honda, 1 inch	30.00	Day
Pump – Honda, 1.5 inches	40.00	Day
Pump – Honda, 3 inches	55.00	Day
Pump – Peristaltic	40.00	Day
Pump – Purge 12 Volt – Whaler	15.00	Day
Pump – Purge 12 Volt – Proactive	70.00	Day
Pump – Waterra Actuator – Hydrolift 2	100.00	Day
Pump – Air-Operated Dual Diaphragm	210.00	Day
Redi-Flow 2 – Controller Only	80.00	Day
Surge Blocks	3.00	Day
Water Level Indicator	30.00	Day
Injection Kit	225.00	Day

ISCO Injection Kit	425.00	Day
Hydrant Backflow Preventer	120.00	Day
Tank – Bladder	225.00	Day
Well Screen Kit (AMS Drive Point)	150.00	Day
Secondary Containment – 60-gal capacity	5.00	Day
PPE		
Meter – HAZ-DUST 1 Particulate Monitor	100	Day
Meter – Landfill Gas (Landtec GEM 5000)	290.00	Day
Meter – Multi-Gas	95.00	Day
Meter – PIDs	140.00	Day
Meter – Noise Level	30.00	Day
Pump – Draeger or MSA Hand Pump	25.00	Day
Respirator	5.00	Day
Traffic Cones (per set of 10)	15.00	Day
“No Parking” Signs (each)	10.00	Day
Traffic Signs (Road/Shoulder/Closed) (3 Sets of 3)	50.00	Day
Weather Station	60.00	Day
Sediment Equipment		
Waders	10.00	Day
Forage Fish Egg Gravity Separator	50.00	Day
Ekman Grab	45.00	Day
Fathometer	20.00	Day
Water Sampler – Wildco Horizontal	35.00	Day
Sediment – Piston Corer	80.00	Day
Sludge Judge	50.00	Day
Meter – Stream Flow, Pygmy	50.00	Day
Surber Benthic Sampler	50.00	Day
Surface Water Sampler Pole	25.00	Day
Wetland Field Kit	30.00	Each
Soil Equipment		
Bentonite Mud Balance and Sand Content	5.00	Day
Ensys Field Test Kit – PCB/TPH	100.00	Day
Hanby Field Test Kit – TPH	180.00	Day
Scale for Soil – Field Gram and Pound	10.00	Day
Soil Auger – 2” (Solid Flight & Puller)	180.00	Day
Soil Hand-Auger Equipment	35.00	Day
UV Lamp	15.00	Day
Water Flow Meter	60.00	Day
Miscellaneous Equipment		
Camera – Video	35.00	Day
Camera – Digital	10.00	Day
Camera – Digital Endoscope/Downhole Well Camera (50’)	100.00	Day
Drone Survey Equipment	200.00	Day
FOD-Safe Tool Kit	120.00	Day
GoPro – Downhole Digital Camera	45.00	Day
Verizon – Broadband Computer Internet Card	8.00	Day
Canopy – 10’ x 10’ (Pop-Up)	50.00	Day
Computer, Portable	35.00	Day
Autolevel w/Tripod and Rod	80.00	Day
Generator – Honda EZ3500/EU2000 or Jackery 1000	60.00	Day
GPS – Trimble R1/ProXRS/GeoXT/GeoHT	85.00	Day
GPS – Trimble DA2	160.00	Day
GPS – Trimble DA2 High Accuracy Setting	100.00	Hour
Hand Level	5.00	Day
Shop Vacuum	20.00	Day
Weed Whacker/Brush Cutter	40.00	Day
Magnetic Metal Detector	45.00	Day
Jon Boat with Outboard Motor	1250.00	Day
Jon Boat without Outboard Motor	250.00	Day
Canoe with Outriggers	125.00	Day

EQUIPMENT & SUPPLIES RATE SCHEDULE—2026

FIELD SUPPLIES	Rate (\$)	Unit
Absorbent Pads (18" by 18")	0.75	Each
Gloves – Nitrile	0.30	Each
Gloves – Atlas and Scorpio	6.50	Pair
Gloves – Solvex, Elbow	10.00	Pair
Gloves – Solvex, Standard	8.00	Pair
Protective Suit – Saranex	19.00	Each
Protective Suit – Tyvek	9.00	Each
Protective Boot Cover – Tyvek	1.00	Pair
Protective Boot Cover – PVC	6.00	Pair
Respirator Cartridge – Organic Vapor + P100	35.00	Pair
Respirator Cartridge – Organic Vapor Only	20.00	Pair
Cassette Media MCE (pcm)	1.00	Each
Zefon Spore Trap Media	10.00	Each
Ice (per bag)	6.00	Cooler
Air-O-Cell Mold Sampling Cartridge	6.00	Each
Asbestos Drywall Cutter Sleeve	3.00	Each
Bailer – Rope	0.10	Foot
Bladder QED – Disposable	7.00	Each
Brass Locks	12.00	Each
Buckets	5.00	Each
Bailer – Disposable, 1.6" diameter, 1 L	5.00	Each
Bailer – Disposable, 0.5" diameter	5.00	Each
Easy Draw Syringe	2.25	Each
Sampler – Encore	9.50	Each
Sampler – Free Product	3.00	Each
Locking Well 2" MWSS J-Plug	23.00	Each
Locking Well Seal (2")	13.00	Each
Groundwater Filter (45 micron)	19.00	Each
Peristaltic – Fittings	2.30	Each

Peristaltic – Master Flex Tubing	5.00	Foot
Tubing – LDPE, ¼ inch	0.45	Foot
Tubing – LDPE, ½ inch	0.35	Foot
Tubing – LDPE, ¾ inch	0.30	Foot
Tubing – LDPE, 1 inch	0.25	Foot
Tubing – LDPE Bonded, ¼ x ¼ inch	1.00	Foot
Tubing – LDPE Bonded, ¾ x ¼ inch	1.30	Foot
Tubing – HDPE, ¾ inch	0.60	Foot
Tubing – Teflon®, ¼ inch	2.60	Foot
Qwater Well Developer	32.00	Each
Spray Marking Paint	6.00	Each
Soil Sample Chip Trays	4.00	Each
Survey Flagging	3.00	Each
Survey Stakes	0.70	Each
Tedlar® Bags – 1 Liter	16.00	Each
Helium Gas (Vapor Pin and Shroud Testing)	17.00	Test
Shroud Fittings	30.00	Test
Vapor Pin Sleeve and Cap	2.25	Each
Wattera Foot Valve (Large, D-32)	25.00	Each
Wattera Foot Valve (small)	12.00	Each
Wattera Surge Block (2" attachment to Wattera Foot Valve)	13.00	Each
Wetland Stakes	0.20	Each
Yeast Extract (per pound)	8.00	Pound
Yeast Extract (per bag)	300.00	Each
OFFICE/MILEAGE	Rate (\$)	Unit
CD/DVD	2.00	Each
Copies – B&W	0.12	Page
Copies – Color	0.50	Page
Mileage	IRS Rate	Mile

Weekly/monthly rates can be established upon request for extended use. Charges for other special equipment and supplies are to be determined on an as-needed basis.