



GENERAL SERVICES ADMINISTRATION

Federal Supply Service

Authorized Federal Supply Schedule Price List

Online access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through GSA Advantage!TM, a menu-driven database system. The INTERNET address for GSA Advantage!TM is: <http://www.GSAAdvantage.gov>

Schedule 899 – Environmental Services

Class F999

GSA Contract Number GS-10F-0353M

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at <http://www.fss.gsa.gov>

Special Item Numbers (SINs)

899-1: Environmental Consulting Services

899-7: Geographic Information Systems (GIS) Services

899-8: Remediation and Reclamation Services

Contract Period: June 25, 2002 through June 24, 2017

Portage, Inc.

1075 S. Utah Ave., Suite 200

Idaho Falls, ID 83402

Phone: 208-528-6608

Fax: 208-523-8860

www.portageinc.com

Sales Contact:

Harry Fugate, V.P. Business Development

801-652-4277

hfugate@portageinc.com

Contract Administration:

Ted Christensen, Contracts Manager

208-419-4104

tchristensen@portageinc.com

Kristi Heard, Contracts Administrator

208-419-4152

kheard@portageinc.com

Business Size: Small



Customer Information

- 1a. Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s). 899-1, 899-7, 899-8
- 1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply. See pages 4 through 5.
- 1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item. See pages 5 through 6.
2. Maximum order. \$1,000,000.00
3. Minimum order. \$100.00
4. Geographic coverage (delivery area). Domestic Only
5. Point(s) of production (city, county, and State or foreign country). Same as company address.
6. Discount from list prices or statement of net price. Government net prices (discounts already deducted). See the following.
7. Quantity discounts. None Offered
8. Prompt payment terms. Net 30 Days
- 9a. Notification that Government purchase cards are accepted at or below the micro-purchase threshold. Yes
- 9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold. Will accept over \$2,500.00.
10. Foreign items (list items by country of origin). None
- 11a. Time of delivery. (Contractor insert number of days.) Specified on the Task Order.
- 11b. Expedited Delivery. The Contractor will insert the sentence "Items available for expedited delivery are noted in this price list." under this heading. The Contractor may use a symbol of its choosing to highlight items in its price lists that have expedited delivery. Contact Contractor
- 11c. Overnight and 2-day delivery. The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery. Contact Contractor
- 11d. Urgent Requirements. The Contractor will note in its price list the "Urgent Requirements" clause of its contract and advise agencies that they can also contact the Contractor's representative to effect a faster delivery. Contact Contractor



12. F.O.B. point(s). Destination
- 13a. Ordering address(es). Same as company address
- 13b. Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.
14. Payment address(es). Same as company address
15. Warranty provision. Contractor's standard commercial warranty
16. Export packing charges, if applicable. N/A
17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level). Contact Contractor
18. Terms and conditions of rental, maintenance, and repair (if applicable). N/A
19. Terms and conditions of installation (if applicable). N/A
20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable). N/A
- 20a. Terms and conditions for any other services (if applicable). N/A
21. List of service and distribution points (if applicable). N/A
22. List of participating dealers (if applicable). N/A
23. Preventive maintenance (if applicable). N/A
- 24a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants). N/A
- 24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: www.Section508.gov/. N/A
25. Data Universal Number System (DUNS) number. 83-8285914
26. Notification regarding registration in Central Contractor Registration (CCR) database. Registered
27. Uncompensated Overtime. (Indicate if used). No



Portage, Inc. Approved GSA Labor Rates*

Portage Labor Category	Option 2 Year 1	Option 2 Year 2	Option 2 Year 3	Option 2 Year 4	Option 2 Year 5
	06/25/12 06/24/13	06/25/13 06/24/14	06/25/14 06/24/15	06/25/15 06/24/16	06/25/16 06/24/17
Management/Executive					
Senior Program Manager	\$184.49	\$189.84	\$195.34	\$201.01	\$206.83
Engineer/Scientist					
Principal V	\$177.79	\$182.95	\$188.25	\$193.71	\$199.33
Principal IV	\$167.65	\$172.51	\$177.51	\$182.66	\$187.96
Principal III	\$163.08	\$167.81	\$172.68	\$177.69	\$182.84
Principal II	\$156.72	\$161.27	\$165.94	\$170.76	\$175.71
Principal I	\$151.35	\$155.74	\$160.26	\$164.90	\$169.69
Principal	\$141.32	\$145.41	\$149.63	\$153.97	\$158.44
Specialist V	\$139.71	\$143.76	\$147.93	\$152.22	\$156.63
Specialist IV	\$133.89	\$137.77	\$141.77	\$145.88	\$150.11
Specialist III	\$129.86	\$133.63	\$137.50	\$141.49	\$145.59
Specialist II	\$125.38	\$129.02	\$132.76	\$136.61	\$140.57
Specialist I	\$120.25	\$123.73	\$127.32	\$131.01	\$134.81
Specialist	\$117.54	\$120.95	\$124.46	\$128.07	\$131.78
Senior V	\$111.95	\$115.19	\$118.53	\$121.97	\$125.51
Senior IV	\$109.42	\$112.59	\$115.86	\$119.22	\$122.67
Senior III	\$107.56	\$110.67	\$113.88	\$117.19	\$120.58
Senior II	\$102.75	\$105.73	\$108.80	\$111.95	\$115.20
Senior I	\$100.75	\$103.68	\$106.68	\$109.78	\$112.96
Senior	\$98.51	\$101.37	\$104.31	\$107.33	\$110.44
Engineer/Scientist V	\$94.09	\$96.82	\$99.63	\$102.52	\$105.49
Engineer/Scientist IV	\$91.97	\$94.64	\$97.38	\$100.21	\$103.12
Engineer/Scientist III	\$89.92	\$92.53	\$95.22	\$97.98	\$100.82
Engineer/Scientist II	\$87.28	\$89.81	\$92.42	\$95.10	\$97.85
Engineer/Scientist I	\$82.61	\$85.01	\$87.48	\$90.01	\$92.62
Engineer/Scientist	\$77.58	\$79.83	\$82.14	\$84.52	\$86.97
Assoc. Engineer/Scientist V	\$73.34	\$75.47	\$77.66	\$79.91	\$82.23
Assoc. Engineer/Scientist IV	\$68.55	\$70.54	\$72.58	\$74.69	\$76.86
Assoc. Engineer/Scientist III	\$64.22	\$66.08	\$68.00	\$69.97	\$72.00
Assoc. Engineer/Scientist II	\$57.09	\$58.75	\$60.45	\$62.21	\$64.01
Assoc. Engineer/Scientist I	\$54.25	\$55.83	\$57.45	\$59.11	\$60.83
Assoc. Engineer/Scientist	\$48.90	\$50.32	\$51.78	\$53.28	\$54.83
Project Management/Control					
Specialist	\$184.26	\$189.60	\$195.10	\$200.76	\$206.58



Associate	\$106.34	\$109.42	\$112.60	\$115.86	\$119.22
Technician					
Master	\$67.46	\$69.42	\$71.43	\$73.51	\$75.64
Technician III	\$51.72	\$53.22	\$54.76	\$56.35	\$57.99
Technician II	\$46.61	\$47.97	\$49.36	\$50.79	\$52.26
Technician I	\$37.17	\$38.25	\$39.36	\$40.50	\$41.68
I.T./Administrative/Clerical					
Professional V	\$110.78	\$113.99	\$117.30	\$120.70	\$124.20
Professional IV	\$108.79	\$111.94	\$115.19	\$118.53	\$121.97
Professional III	\$74.26	\$76.41	\$78.63	\$80.91	\$83.25
Professional II	\$67.88	\$69.85	\$71.88	\$73.96	\$76.11
Professional I	\$57.09	\$58.75	\$60.45	\$62.21	\$64.01
Clerk III	\$51.30	\$52.79	\$54.32	\$55.90	\$57.52
Clerk II	\$45.79	\$47.11	\$48.48	\$49.89	\$51.33
Clerk I	\$36.95	\$38.02	\$39.12	\$40.25	\$41.42

* Includes Labor Rate for All Approved SINs Under Contract

SCA Matrix

SCA Eligible Labor Category	SCA Equivalent Code - Title	WD Number
Clerk I	01611 - Word Processor I	2005-2159, Rev. 11, dated 07/30/2010
Clerk II	01612 - Word Processor II	2005-2159, Rev. 11, dated 07/30/2010
Clerk III	01613 - Word Processor III	2005-2159, Rev. 11, dated 07/30/2010
Technician I	30061 - Drafter/CAD Operator I	2005-2159, Rev. 11, dated 07/30/2010
Technician II	30062 - Drafter/CAD Operator II	2005-2159, Rev. 11, dated 07/30/2010
Technician III	30063 - Drafter/CAD Operator III	2005-2159, Rev. 11, dated 07/30/2010
Master	30064 - Drafter/CAD Operator IV	2005-2159, Rev. 11, dated 07/30/2010
Assoc. Engineer/Scientist	30080 - Engineering Technician	2005-2159, Rev. 11, dated 07/30/2010
Assoc. Engineer/Scientist I	30081 - Engineering Technician I	2005-2159, Rev. 11, dated 07/30/2010
Assoc. Engineer/Scientist II	30082 - Engineering Technician II	2005-2159, Rev. 11, dated 07/30/2010
Assoc. Engineer/Scientist III	30083 - Engineering Technician III	2005-2159, Rev. 11, dated 07/30/2010
Assoc. Engineer/Scientist IV	30084 - Engineering Technician IV	2005-2159, Rev. 11, dated 07/30/2010
Assoc. Engineer/Scientist V	30085 - Engineering Technician V	2005-2159, Rev. 11, dated 07/30/2010

The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the indicated SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix. The prices offered are based on the preponderance of where work is performed and should the contractor perform in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly.



Sr. Program Manager

Functions: Coordinates and monitors the scheduling, pricing, and technical performance of company programs. Responsibilities also include aiding in the negotiation of contracts and contractual changes and coordinating preparations of proposals, plans, specifications, and financial conditions of contracts. Develops new business and expands product line. Ensures adherence to master plans and schedules, develops solutions to program problems, and directs work of incumbents assigned to program from various departments. Ensures projects are completed on time and within budget. Acts as advisor to program team regarding projects, tasks, and operations. Familiar with standard concepts, practices, and procedures within a particular field. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of complex tasks.

Minimum Years' Experience Level	Ph.D.	Master's Degree	Bachelor's Degree	Associate's Degree
Sr. Program Manager	6	8	10	12

Principal

Functions: Provides leadership and high level scientific/engineering skills for project management and technical services. Involvement in project planning, management studies, technical consulting etc. are routinely encountered. May have a strong background in project management.

Minimum Years' Experience Level	Ph.D.	Master's Degree	Bachelor's Degree	Associate's Degree
Principal Level V	15	19	22	24
Principal Level IV	13	17	20	22
Principal Level III	11	15	18	20
Principal Level II	9	13	16	18
Principal Level I	7	11	14	16
Principal	5	9	12	14

Specialist

Functions: Provides environmental planning, policy, technical, regulatory, and information management support for the development, execution, and evaluation of environmental programs, projects, and systems. Typical activities include but are not limited to reviewing plans and reports; conducting planning and compliance activities; supporting technical and public outreach meetings; supporting policy development; conducting regulatory reviews, compliance audits, and permit development and reviews; supporting waste management activities; preparing and delivering training and facilitation/partnering services; providing telephone advisory services; and developing and maintaining records centers or information systems and repositories. Typical backgrounds include but are not limited to environmental policy/studies, environmental management, natural resource management, and geography. May have project management background.



Minimum Years' Experience Level	Ph.D.	Master's Degree	Bachelor's Degree	Associate's Degree
Specialist Level V	13	17	20	22
Specialist Level IV	11	15	18	20
Specialist Level III	9	13	16	18
Specialist Level II	7	11	14	16
Specialist Level I	5	9	12	14
Specialist	3	7	10	12

Senior

Functions: Provides expertise in areas of special studies such as geophysics, osteology, architectural archaeology, cartography. Leads and directs technical projects with overall responsibility for technical accuracy and appropriateness. Manages/solves technically complex problems. Uses advanced techniques, theory, precepts and practices. Independently evaluates, selects, and applies standard engineering techniques, procedures, and criteria on moderately complex projects. Typical backgrounds include but are not limited to biology, chemistry, geology, engineering, and sciences.

Minimum Years' Experience Level	Ph.D.	Master's Degree	Bachelor's Degree	Associate's Degree
Senior Level V	10	15	17	19
Senior Level IV	8	13	15	17
Senior Level III	6	11	13	15
Senior Level II	4	9	11	13
Senior Level I	2	7	9	11
Senior	0	5	7	9

Engineer/Scientist

Functions: Provides scientific, engineering, industrial hygiene, and other technical support for the development, execution, and evaluation of environmental programs, projects, and systems. Implement plans and requirements, and develops reports and systems. Typical activities include but are not limited to reviewing technical documents and plans; performing technology evaluations; conducting geological and hydrogeological studies and modeling; evaluating or performing human health and ecological risk assessments; reviewing sampling and analyses procedures and results; performing pollution prevention surveys; developing strategic and program management plans and guidance documents; conducting audits and technical assessments; preparing and delivering training and facilitation/partnering services; and developing and maintaining information systems. Typical backgrounds include but are not limited to biology, chemistry, geology, engineering, and sciences.

Minimum Years' Experience Level	Ph.D.	Master's Degree	Bachelor's Degree
Engineer/Scientist Level V	6	8	10
Engineer/Scientist Level IV	4	6	8
Engineer/Scientist Level III	2	4	6
Engineer/Scientist Level II	0	2	4
Engineer/Scientist Level I		0	2
Engineer/Scientist			0



Associate Engineer/Scientist

Functions: Provides environmental planning, policy, technical, regulatory, and information management support for the development, execution, and evaluation of environmental programs, projects, and systems. Typical activities include but are not limited to reviewing plans and reports; conducting planning and compliance activities; supporting technical and public outreach meetings; supporting policy development; conducting regulatory reviews, compliance audits, and permit development and reviews; supporting waste management activities; preparing and delivering training and facilitation services; and developing and maintaining records centers or information systems and repositories. Typical backgrounds include but are not limited to environmental policy/studies, environmental management, natural resource management, and geography.

Minimum Years' Experience Level	Master's Degree	Bachelor's Degree	Associate's Degree	High School
Associate Engineer/Scientist Level V	4	6	8	10
Associate Engineer/Scientist Level IV	2	4	6	8
Associate Engineer/Scientist Level III	0	2	4	6
Associate Engineer/Scientist Level II		0	2	4
Associate Engineer/Scientist Level I			0	2
Associate Engineer/Scientist				0

Project Controls

Functions: Maintains the project schedule and ensures that deliverables are completed in timely manner. Oversees project cost control and cost projections. Supports the project manager in use of the project management tools used for activity assignment, resource planning, and cost control. Ensures the invoicing process provides the proper information and distribution on the invoices. Ensures smooth coordination consistent with the contract and task order procedures for the key personnel approval, consent to subcontract as well as consent to purchase travel, tools and other direct costs. Ensures problem resolution and customer satisfaction for individual task orders. Typical backgrounds include but are not limited to cost engineering, cost estimator, project management, and project controls engineering.

Minimum Years' Experience Level	Ph.D.	Master's Degree	Bachelor's Degree	Associate's Degree	High School
Specialist	0	1	2	4	10
Associate			0	1	3

Technician

Functions: Acreage Calculations, field data collection and documentation. Monitors field explorations and construction monitoring projects. Documents field conditions and writes field reports. Responsible for being field ready based on training requirements. Conducts work safely and supports the safe work practices of co-workers. Assists in lab and equipment areas when available. Creation/Modification of all Mapping/Graphics using CAD & GIS software. May direct field activities.



Typical backgrounds include but are not limited to Drafter, CADD Technician, Instrument Technician, and Driller.

Minimum Years' Experience Level	Master's Degree	Bachelor's Degree	Associate's Degree	High School
Master	1	2	4	10
Technician Level III		0	2	5
Technician Level II			0	1
Technician Level I				0

Professional

Functions: Possesses knowledge, experience, and capabilities in the development of solutions, recommendations, or outcomes across multiple tasks and/or organizations. Depending on the functional specialty, support the program management staff in the preparation of deliverables, internal reports, briefings, and drawings associated with the project being supported. Typical backgrounds include but are not limited to Office Manager, Administrative Management, Accounting, Human Resources, Contracts Administrator, Information Technology, Technical Writer, and Technical Editor.

Minimum Years' Experience Level	Ph.D.	Master's Degree	Bachelor's Degree	Associate's Degree	High School
Professional Level V	5	10	12	14	16
Professional Level IV	0	8	10	12	14
Professional Level III		5	8	10	12
Professional Level II			0	2	10
Professional Level I			0	2	

Clerk

Functions: Clerical personnel are responsible for graphics, filing, word processing, general secretarial activities. Project team support includes, but is not limited to, project correspondence, report preparation, presentation graphics, and document preparation and copying. Typical backgrounds include but are not limited to Receptionist, Text Processor, Payroll Clerk, and Administrative Assistant.

Minimum Years' Experience Level	High School
Clerk Level III	2
Clerk Level II	2
Clerk Level I	0

Mission & Values

Portage is the best-in-class provider of comprehensive engineering and technical solutions for environmental, infrastructure, and energy projects. We partner with our clients to create cleaner, safer and sustainable communities.



Quality

- We provide products & services that consistently meet or exceed client expectations
- We identify & implement processes and objectively measure performance
- We promote process improvement, efficiency & technical excellence in all that we do.

Integrity

- We are open & honest in everything we do
- We do what we say
- We adhere to high professional & ethical standards

Safety

- We promote a culture of safety at work & at home
- Everyone is 100% accountable for maintaining safe conditions
- We plan safety into all of our work activities

Job Satisfaction

- We strive to provide a challenging and rewarding work environment
- We provide a competitive compensation program and recognize performance
- We encourage a fun, innovative and entrepreneurial environment and a caring corporate culture

Sustainability

- We seek to continuously diversify our business offerings, consistent with the ever changing needs of our customers
- We develop, foster and grow a long-term business that emphasizes client and employee retention
- We operate our business in a manner that is sustainable to our employees, customers and the environment

Entrepreneurship

- We foster a progressive environment that empowers our employees to make decisions & take educated risks
- We provide employees the freedom to recognize opportunity and the support to implement innovative solutions
- We encourage business growth by providing solutions to meet client needs and by being proactive & results oriented



Portage Locations



Corporate Office
1075 S. Utah Ave., Suite 200
Idaho Falls, ID 83402
Main Phone: 208-528-6608
Fax: 208-523-8860

Human Resources
Stacey Kelso
Main Phone: 208-419-4134
Fax: 208-523-8860
E-mail: skelso@portageinc.com

Public Relations
Michelle Tremelling
Main Phone: 208-419-4118
Fax: 208-523-8860
E-mail: mtremelling@portageinc.com





Capabilities

D&D Support, Facility Closure, Regulatory Support – Idaho National Laboratory

As prime contractor to the Idaho Cleanup Project (ICP) management and operating (M&O) contractors (Bechtel BWXT Idaho and CH2M Hill WGI Idaho), Portage has performed \$55 million of program and project management work for the Department of Energy at the Idaho National Laboratory. The work has included support of decontamination and demolition (D&D), development of regulatory closure documentation, nuclear waste facility closure and associated technical writing, “de-construction” activities and construction management oversight of nuclear production and waste processing facilities and systems, and records management.

Portage has supported the ICP M&O contractors in their environmental cleanup mission since 1998. Our current task orders in support of the ICP range in size from \$100,000 to \$8,000,000. Our cleanup support has included a full spectrum of regulatory support services, D&D support of a nuclear radiological hot cell liquid waste system, treatment of sodium-bearing waste, removal of transuranic (TRU) waste from subsurface disposal, and general nuclear engineering support for construction demolition of more than 200 structures, including nuclear reactors, spent nuclear fuel storage basins, and laboratories used for radioactive experiments.



Highlights:

- Support of the nuclear high-level waste subsurface Tank Farm closure addressing the safety management program, regulatory analysis and technical document development, modeling, sampling, and mockup demonstrations.
- Support for all aspects of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) regulatory process for complex nuclear facilities with multiple waste types, including TRU and high-level waste.
- Environmental and civil engineering, code analysis/compliance, and remediation services to the buried TRU waste retrieval projects at the Radioactive Waste Management Complex.
- Regulatory research, technical document writing, records management, and final preparation of a Voluntary Consent Order for Resource Conservation and Recovery Act and CERCLA documentation supporting accelerated nuclear site cleanup.
- Comprehensive engineering and quality assurance support of remediation for radiological waste disposal to meet waste acceptance criteria for disposal and related regulatory reports.



- Continuing services in support of radiological control, nuclear and radiological containment/ventilation design, safety analysis, material accountability tracking, government property management, waste management planning (packaging, transportation, facility acceptance criteria, inventory control), and cutting-edge research and development of innovative nuclear facility and systems remediation technologies.
- Nuclear/civil engineering design and Environmental, Safety, and Health support for D&D of radiological facilities and systems, including associated piping, vessels, and hot waste system.
- Development and implementation of health and safety management program plans to support complex D&D of systems.
- Research and completion of the first successful high-level waste Tank Farm closure documents.

Resource Energy Management Support for Elmendorf Air Force Base

Since 2003, Portage has provided continuous Resource Energy Management (REM) support for the 611th Civil Engineering Squadron (CES) at Elmendorf Air Force Base (AFB), Anchorage, AK. In addition, we have provided REM support for the 3rd CES at Elmendorf AFB since March 2008. We have performed this work for the Air Force Center for Engineering and the Environment through Global Engineering, Integration, and Technical Assistance contracts.

Portage provided energy management expertise to aid the base in developing programs and projects to reduce energy consumption and costs. Our on-site personnel have performed comprehensive facility energy audits, identifying the best energy- and cost-saving solutions, managing and implementing energy-saving projects and programs, and managing utilities.



Portage personnel provide resource efficiency support to the 611th CES at Elmendorf AFB, and are responsible for energy management of 20 sites stationed throughout Alaska. Our personnel have consolidated and streamlined the utility billing department for the 611th CES, which ensured that tenant organizations were billed correctly and in a timely manner. In the areas of energy-related construction, infrastructure, and engineering, Portage personnel have also performed the following:

- Developed and executed a five-year infrastructure program plan to ensure adequate utility support for \$5 billion worth of new construction



- As winterization taskforce leader, saved over \$25,000 in contract costs
- Supported Fuel Cell Demonstration Project
- Managed 10 engineering design projects worth \$3.4 million
- Served as team lead on infrastructure support for temporary facilities for new base mission during Base Realignment and Closure process.

Global Engineering, Integration, and Technical Assistance Support, U.S. Air Force, Various Sites

Portage supports eight major commands and 100+ Department of Defense (DoD) installations worldwide. Under several Global Engineering, Integration, and Technical Assistance (GEITA) support task orders, Portage provides engineering, planning and cost estimating for environmental restoration, environmental compliance, pollution prevention, conservation planning, base realignment and closure, and management and operations support for five Air Force Center for Engineering and the Environment (AFCEE) installations. Portage performs about \$18M annually on multiple GEITA task orders.

Portage has more than 120 personnel presently supporting AFCEE on two advisory and assistance services contracts. We provide onsite customer support at geographically dispersed locations throughout the U.S. Portage has provided comprehensive engineering and environmental support, cost estimating, project management and tracking, strategic planning, permit applications, and QA/QC



and safety oversight support for civil engineering works such as landfills, groundwater plumes, hydrant system upgrades, and underground storage tanks. We have also provided strategic planning, value engineering, construction scheduling, deliverable review, and project/construction management oversight and change order reviews and cost estimates. We have prepared and reviewed engineering evaluation/cost analysis documents for multiple sites.

Portage manages cost/scheduling and project control support, pre/post-award contract administration support, and execution, contractor proposal review, request for equitable adjustment, change proposal, contract modification support, and project reporting, and provides QA/QC oversight for cleanup at 79 sites. We provide project management services, including preparation and maintenance of integrated master schedules; evaluate earned value, cost



variances, and schedule variances; and provide overall cost budgeting and tracking for Air Force's Installation Restoration Program.

Portage's onsite personnel provide expertise in environmental conservation and planning, including statutory/regulatory support such as participation in regulatory review meetings with the U.S. Environmental Protection Agency. Portage performs all phases of environmental impact analysis, manages records, and prepares environmental assessments and environmental impact statements. Portage assists the Environmental Planning Branch by providing QA/QC oversight support for Air Force staff packages, including related technical writing. Portage has provided onsite support for community planning, demolition, construction, and military housing for Air Force bases. Portage has prepared numerous statements of work/independent government estimates/purchase requisition packages for multiple DoD installations. Portage provides project management tracking and QA/QC oversight by providing technical reviews and value engineering for environmental and construction documents. We have also provided pre/post-award support for the Naval Construction Battalion Center and the National Aeronautics and Space Administration.

Paducah Remediation Services, Paducah Gaseous Diffusion Plant, Kevil, KY

Portage, as the majority partner in Paducah Remediation Services, LLC (PRS), has performed a variety of environmental remediation and waste management activities at the Paducah Gaseous Diffusion Plant near Kevil, KY. Under this prime U.S. Department of Energy (DOE) contract, we have been responsible for groundwater and soil environmental remedial actions, field investigations, removing legacy waste, decontamination and decommissioning certain inactive facilities, operating site waste storage facilities, surveillance and maintenance, and other activities.

Portage took an aggressive approach to cost and schedule (Primavera-based) development for project and construction management of this contract, including development of cost and price analyses. We developed and planned the work approach, integrated quality and safety, documented safety considerations, identified key cost and schedule uncertainties, and developed safety, cost, and schedule risk mitigation strategies. Our project responsibilities included extensive records and correspondence management. Some of the projects conducted under this contract are summarized below.





Process Buildings D&D – In a joint venture with Shaw E&I, Portage completed \$190 million of decontamination and decommissioning work on the Gaseous Diffusion Process Building and other inactive facilities. Activities included:

- Verified D&D scope of work in the buildings by reviewing the requirements of the work plan, examining drawings, performing walkdowns, and evaluating characterization data, including survey data for radiological and chemical hazards.
- Removed facility equipment, utility service components, tanks, sumps, asbestos, low-level waste, and PCB-contaminated items.
- Removed, decontaminated, packaged, shipped, and transferred 13 breached fluorine cells stored in Building C-0752-A.
- Characterized, removed, sorted and segregated, packaged, transported, and disposed of the building contents and structures of inactive facilities (C-402 Limehouse, C-405 Incinerator, C-746A West End Smelter).
- Characterized the concentrations and distribution of uranium compounds, Pu-239, Cs-137, and other radionuclides, PCBs, lead, mercury, and other metals.

Groundwater Site Assessment – Portage completed Site Investigation and code analysis activities for the landfills, the Southwest Plume, and the burial grounds. The Site Investigation and associated regulatory documentation were being completed for the landfills to determine if upgradient sources of groundwater contamination are influencing the contamination observed in the landfill monitoring wells.

Plume Containment – Portage’s involvement in the plume containment project included two basic components: 1) operation and management of the existing systems in accordance with the interim Northeast and Northwest Plume Records of Decision, and 2) support to DOE in obtaining regulatory approval for an environmental remedy, thereby allowing the shutdown of the pump-and-treat system in a timely manner. Portage sampled and monitored plumes, analyzed data, and evaluated the effectiveness of the remediation approach. Value engineering analysis and detailed cost estimates were developed in support of the remedy.

Sealion (Searchable Liner Online) Database: Tracking and Characterization of Legacy

Waste The Radioactive Scrap and Waste Facility Liner-by-Liner Characterization Project was initiated to support waste management planning and disposition activities at the Materials and Fuels Complex located at the Idaho National Laboratory. The project scope consisted of a detailed examination of available historical records to consolidate information and eliminate discrepancies between sources. This information was captured in a new comprehensive searchable online database dubbed Sealion (Searchable Liner Online).



For each storage liner and associated waste container, Sealion tracks the physical configuration, radiological data (e.g., source term, transuranic content, fissile content, and direct gamma radiation reading), Resource Conservation and Recovery Act characterization data, contents descriptions, and a variety of other waste management data. Historical hard-copy records were scanned and are stored in the database for easy access. In addition to storing the consolidated data in a library for easy retrieval or linking, Sealion serves as a tool in the development of batching plans for retrieving, transporting, processing, and, ultimately, dispositioning the waste. An integral search function allows the user to query for a variety of parameters in order to plan custom batches and account for facility or regulatory limitations (e.g., U.S. Department of Transportation limits, hazard category determinations, and fissile gram equivalent limitations). Liners can be combined or batched together and the combined results displayed in real-time graphs and tables showing the cumulative characteristics.



The basic database architecture has proven to be adaptable to a variety of other similar applications. Sealion is capable of tracking segmented inventories (i.e., the liners can be replaced with storage drums, racks in a warehouse, or grids overlaid on a landfill). Additionally, the batching functions allow for the ability to combine inventory sub-locations into real-time graphs that summarize the characteristics of the contents for ease in comparison of characteristics to established thresholds or decision-making modeling needed to support waste-management operations.

Separations Process Research Unit Remediation Project, Niskayuna, NY

Portage, as the majority partner in the Accelerated Remediation Company (aRc), is performing an environmental remediation task under the current U.S. Department of Energy (DOE) Indefinite Delivery Indefinite Quantity (ID/IQ) small business prime contract for the Separations Process Research Unit (SPRU) Land Areas Remediation Project at the Knolls Atomic Power Laboratory (KAPL), Niskayuna, NY. The project





includes excavation and offsite disposal of wastes consistent with cleanup criteria, remediating the area to allow for industrial reuse. The land areas include various site contractor-controlled solid waste management units, a lower level rail bed, a lower level parking lot, and an extensive North Field Area. This \$32 million project has been ongoing since 2007.

The SPRU was operated from 1950 to 1953 as a pilot plant to research chemical processes to extract uranium and plutonium from irradiated uranium. These operations contaminated the SPRU facilities and environmental media, resulting in the need to remediate the site. The aRc land areas are owned by the DOE and are currently maintained by SPRU Project contractors. The aRc land areas cover approximately 30 acres, of which about 6.5 acres were contaminated chemically and/or radiologically from past operations and required environmental cleanup. The project has involved removal of about 18,000 loose cubic yards of radiologically and chemically contaminated low-level waste (soil and debris) and shipment of the waste by railcar to a disposal facility in Utah. Excavation, backfilling, paving, hydroseeding, and other site-restoration activities are now complete.



Portage has performed program and project and construction management, subcontract administration, construction engineering, on-site coordination, contract change negotiation and proposal evaluations, request for equitable adjustment (REA) preparation and negotiation, plan and procedure development, government property management, engineering drawing preparation, stormwater pollution prevention planning/implementation, Environmental, Safety, Health and Quality

Assurance, heavy equipment/rolling-stock operations, soil and groundwater remediation, regulatory compliance, packaging, loadout, transportation, and disposition waste management services. Prior to performing any soil remediation activities in the aRc land areas, extensive technical writing was required to develop numerous plans and regulatory interface documents to support the scope of work. Portage has been extensively involved in interfaces with DOE, onsite operating contractor, Naval Reactors Program, and the New York State Department of Environmental Conservation on the project.