FAUQUIER COUNTY GOVERNMENT AND PUBLIC SCHOOLS

FINANCE DEPARTMENT, PROCUREMENT DIVISION
320 Hospital Drive Ste. 23
Warrenton, Virginia 20186
Phone: (540) 422-8354 Fax: (540) 422-8355

NOTICE OF CONTRACT RENEWAL

1.	DATE:	April 17, 2017
2.	COMMODITY NAME:	Open-Ended A/E Services – Industrial/Environmental Engineering
3.	CONTRACT NUMBER(S):	23-17ksc
4.	CONTRACT PERIOD:	April 17, 2017 – March 1, 2018
5.	CONTRACTORS:	Apex Companies, LLC 8854 Rixlew Lane, Manassas, VA 20109 Phone (703)-396-6730 Fax (703) 396-6743 Contact: Andrea Heller aheller@apexcos.com Froehling & Robertson 22923 Quicksilver Drive, Suite 111 Dulles, VA 20166 Phone (703) 996-0123 Fax (703) 996-0123 Contact John Love jlove@fandr.com
7.	TERMS:	Net 45
8.	FOR FURTHER INFORMATION CONTACT:	Kathy H. Stanley, CPPB, Senior Buyer PH (540) 422-8354

NOTICE TO ALL FAUQUIER COUNTY GOVERNMENT AND PUBLIC SCHOOL USING DEPARTMENTS: This contract is the result of a competitive bid program and its use must follow the FCG&PS Procurement Policy/Procedures for the purchase of the commodity listed herein. Please see the reverse side of this notice for further instructions regarding this contract.

INSTRUCTIONS

1. Orders: **All Using Departments must order services listed by issuing a Purchase Orders per the Procurement Procedures Manual, after following the instructions below. An extra copy of the Procedures Manual can be obtained by calling Procurement at (540) 422-8351 or 8352.**

PROJECT ORDERS AND PROCEDURES FOR ORDERING SERVICES FOR OPEN-END ARCHITECTURAL SERVICES:

Types of Project Orders:

Lump Sum Fee Project Orders: Lump sum fees shall be negotiated individually for each project and issued as a separate Purchase Order (pricing shall be based on the attached hourly fee schedule and provided as itemized components of the lump sum fee)

Hourly Rate Project Orders: When the scope of services involves work of such nature that the Firm cannot reasonably estimate the time which would be required to provide the services, the Using Department may authorize an Hourly Rate based on the actual hours worked times the hourly rates indicated on the attached fee schedule and other approved expenses. A maximum Purchase Order fee or cost not to exceed limitation shall be agreed upon for Hourly Rate Purchase Orders. When an Hourly Rate Purchase Order is used, the Firm shall submit detailed time records, documentation for other expenses, and such other evidence as the Using Department may require to support the Firm's billing request. Invoices must include contract hourly rate, position title, number of hours and original invoices for consumables and or sub-contractors.

Procedures for Ordering Services

The Using Department will request a lump sum fee or hourly rate proposal for each Project from the Firm. At the Firm's expense, the Firm shall visit the site and prepare a detailed proposal for accomplishing the services. The Firm shall determine feasibility of the proposed budget at this time. The Firm shall prepare a detailed lump sum or hourly rate (as applicable) fee proposal for accomplishing the services.

The Using Department will evaluate the Firm's fee proposal and may negotiate a suitable lump sum fee or a "not to exceed" amount with the Firm. Prompt completion of fee negotiations is imperative. Following successful negotiations, the Using Department will prepare a purchase order for the agreed scope of work and fee proposal, incorporating by reference the terms and conditions of this contract and forward to the Procurement Division. Once the Procurement Division has processed the purchase order (and assigned a number) the Using Department will authorize and instruct the Firm to proceed with the appropriate phase of the work. All purchase orders shall incorporate by reference the terms of this agreement.

All Proposals/Quotes must reference the appropriate contract number. If a contract number is not on the Proposal/Quote the vendor must be notified to provide revised documentation.

The Firm shall not perform any work that has not been authorized by a written purchase order (or change order) executed by the Procurement Division. The Firm assumes all risk and financial liability for any services rendered without such proper authorization.

The Using Department reserves the right, at its sole discretion, to issue purchase orders to any Open-End firm based on its evaluation of each Firm's qualifications, expertise, capabilities, performance record, current workload, location or distance to the project and other factors as may be pertinent to a particular project.
Purchase Order Restriction/Maximum Fee Limitation: No individual purchase order fee shall exceed $100,000 under contracts awarded within Open-End A/E contracts, and the sum of all projects during the contract term shall not exceed $500,000. If a project is expected to be over this amount, requirements shall be forwarded to the Procurement Division and a separate RFP will be done for that project.

Change Orders: Change orders, authorized by the Procurement Division, may be issued to modify the scope of a Purchase Order. Change orders may add to, delete or otherwise modify the scope of services against a particular Purchase Order**.**

In making any modifications, the resulting increase or decrease in cost for the modification shall be determined by one of the following methods:

A. The written modification shall stipulate the mutually agreeable fixed price for the specific addition to and/or deletion from the scope of work and/or specifications which shall be added to or deducted from the total contract amount.

B. The written modification shall direct the Firm to proceed with a specific scope of work and to keep, and present in a form as the Using Department may direct, a correct account of the actual man-hours by category and discipline and the time sheets therefor. The fee amount will be the man-hours expended multiplied by the hourly rates specified in attached hourly fee schedule. No additional increase for overhead and profit will be allowed. Changes using this procedure will usually specify a maximum amount.

2. All correspondence and documents (to include invoices) shall reference the contract number, applicable purchase order number and any project reference number the Using Department may identify.

3. Approval of Firm's invoice is the responsibility of the receiving using department. Make sure to validate the hourly rates for each position against the contract.

4. Any complaint as to quality of services or violation of contract provisions by the Firm shall be reported to the Procurement Division for handling with the Firm. All complaints must be submitted in writing and can be forwarded to Procurement via fax, e-mail or courier.

5. Renewals: There are four (4) one (1) year renewals on this contract

6. Price Adjustments: Contract prices shall remain firm for the award year. Prices may be negotiated not to exceed the CPI-U, only at the time of renewal. All price increases must be approved by the contract officer. Contract users will be sent notification of contract change from the Procurement office as official notification of such changes, if approved.

7. Evaluation of Services: At the conclusion of any project performed under this contract, or periodically throughout the project, the Using Department is requested to complete an Evaluation Form and return to the Procurement Division. This will be kept in the contract file for renewal and contract performance purposes.

Contract # APEX 23-17ksc

Open End, As Required Industrial Environmental Engineering Services

Service Level Description	Hourly Rate/Unit Rate
Assistant Project Manager	$115
Project Manager	$14
Sr. Project Manager	$15
CIH/CSP/Program Manager	$16
Principal	$18
Engineer I	$85
Engineer II	$10
Engineer Ill	$12
Sr. Engineer	$160
Scientist/Geologist/Hydrogeologist I	$75
Scientist/Geologist/Hydrogeologist II	$95
Scientist/Geologist/Hydrogeologist Ill	$115
Sr. Scientist/Geologist/Hydrogeologist	$120
Asbestos/Lead Inspector	$75
Asbestos Management Planner	$80
Asbestos Abatement Designer	$90
Asbestos Project Monitor/Industrial Hygiene Tech (IHn	$75
IAQ Specialist	$85
Laborer	$55
Technician I	$65
Technician II	$70
Technician Ill	$85
Foreman	$90
Superintendent	$11
UST Technician	$85
UST Supervisor	$10
Clerical Support	$55
Draftsperson/CADD Operator	$80
Stormwater/E&S Inspector	$75
GIS Tech	$75
Wetland Specialist/Permit Writer	$16
Asbestos Airborne Fiber Analysis, PCM 24-hour TAT	$7.50/each
Asbestos Airborne Fiber Analysis, TEM 24 hr TAT	$48/eac
Asbestos Bulk Sample Analysis, PLM 3-day TAT (Standard)	$7.50/each
Asbestos Bulk Sample Analysis, PLM 24-hour TAT (Rush)	$9.50/each
Particle Identification, PM 10 and PM 2.5 Analysis	$42/eac
Lead Paint Analysis, Paint Chip and/or Air 3-day TAT	$7.50/each
Lead Paint Analysis, Paint Chip and/or Air 24-hour TAT	$8.50/each
Lead in Drinking Water Analysis, 3-day TAT (Standard)	$60/eac
TCLP, Lead Analysis, 3-day TAT.(Standard)	$55/eac
Spore Trap Analysis 24-hour TAT (Standard)	$35/eac
Mold Traps/ Air O Cells (Cassettes Only)	$7.50/each
Swab/Bulk Fungal Analysis 24-hour TAT (Standard)	$35/eac
Swab/Bulk Bacteria Analysis 24-hour TAT (Standard)	$35/eac

Contract # APEX 23-17ksc

Open End, As Required Industrial Environmental Engineering Services

VOC Scan via T0-15 -1-week TAT (Standard)	$300/each
VOC Scan w/ Library Search via T0-15 - 1-week TAT	$345/each
Nuisance Dust (Total/Respirable) 24-hour TAT (Standard)	$30/eac
Sewage Screen 2-day TAT {Standard)	$88/eac
Geoprobe Vehicle	$2,100/day
ORO and GRO Analysis	$60/eac
Air Pumps	$30/da
XRF Analyzer (Lead-Based Paint)	$550/da
Stormwater Pump 2"	$150/da
Stormwater Pump 4"	$300/d
Meters	$75/da
Microscopes	$55/da
Trucks	$125/d
Hand Auger	$22/day
ISCOs	$60/da
Generator	$35/d

Travel in excess of 100 miles round trip will be billed at GSA rates.
Expenses such as printing, postage, shipping, copying, and telephone charges will be billed at cost with no markup applied.
All other direct costs will be billed at cost plus 10%.

Virginia Regulated Courses			
Class	**Description**	**Hours**	**Fee Per Student**
Asbestos Worker Initial	This course meets EPA and AHERA training requirements and OSHA standard for Class I, Class II asbestos work. This 32- hour course prepares students to become licensed asbestos workers. Topics include potential health effects of asbestos exposure, personal protective equipment, work practices including waste handling and disposal. Students will also gain hands-on experience with establishing containment and decon systems.	Currently not offered by Apex	
Asbestos Supervisor Initial	The Supervisor 40 hour course provides students with the training to perform competent person responsibilities during Class I, Class II, and Class III asbestos work. Students will be trained in proper removal, enclosure, and encapsulation of asbestos containing materials as well as hands-on work practices such as construction of negative pressure enclosure and glove bag procedures. This class is especially beneficial for contractors, school maintenance supervisors, air monitors, and consultants.	Currently not offered by Apex	
Asbestos Inspector Initial	The 24 hour accredited Inspector course is required for state licensure and uses the EPA curriculum *Asbestos Building Inspector* manual. This course teaches procedures for inspecting buildings for suspect asbestos containing materials, collecting bulk samples, chain of custody procedures, interpreting analytical results, and writing inspection reports.	Currently not offered by Apex	
Asbestos Management Planner Initial	A 16 hour course that is required in conjunction with an Asbestos Inspector Course for licensure as an Asbestos Management Planner. The student is taught how to utilize the inspection report to determine response actions, set priorities for abatement, and develop management plans.	Currently not offered by Apex	
Asbestos Worker Refresher	This 8 hour accredited course is for the licensed asbestos abatement workers to refresh existing knowledge and update the student regarding changes in the asbestos industry. This course meets or exceeds EPA's AHERA regulation requirements and OSHA standards for Class I and Class II operations. The EPA Model Curriculum for training asbestos workers is used including the following topics: History and uses of asbestos, potential health effects of asbestos exposure, personal protective equipment and respirators, waste handling and disposal, and new developments regarding asbestos regulations if applicable.	Currently not offered by Apex	
Asbestos Supervisor Refresher	An 8 hour accredited course for the licensed asbestos supervisor to refresh existing knowledge and update the student on changes in the asbestos industry.	Currently not offered by Apex	
Asbestos Inspector Refresher	This 4 hour course is required for all licensed asbestos inspectors to refresh existing knowledge and update the student regarding changes in the asbestos industry.	Currently not offered by Apex	

Asbestos Management Planner Refresher	This 4 hour course is required for all licensed asbestos management planners to refresh existing knowledge and update the student regarding changes in the asbestos industry.	Currently not offered by Apex	
Asbestos Project Designer Refresher	This 8 hour accredited refresher course involves instruction in the development of asbestos abatement specifications.	Currently not offered by Apex	
Asbestos Project Monitor Refresher	This 8 hour course may be attended by accredited asbestos supervisors or project designers who want to be accredited as project monitors in Virginia or clearance air monitors in West Virginia.	Currently not offered by Apex	
AIHA Reviewed Courses			
Class	**Description**	**Hours**	**Fee Per Student**
NIOSH 582 Equivalency	This course includes statistics and sampling-related mathematics, calibration of air sampling equipment, and set-up and use of the phase contrast microscope. It is helpful if students have a good background in basic algebra and the ability to use a calculator with square and square-root functions. Hands-on exercises complement the practical instruction on asbestos air sample analysis. *In an attempt to aid analysts in finding NIOSH 582 Equivalency courses in their area, the AIHA Registry Programs offers to maintain a list of courses whose course outline, training materials and reference documents, equipment, instructors' qualifications, certificate and final examinations have met the AIHA Registry Programs' requirements for a NIOSH 582 Equivalency course. These requirements have been determined by the AIHA Registry Programs and are not endorsed by NIOSH.*	Currently not offered by Apex	
EPA Regulated Courses			
Class	**Description**	**Hours**	**Fee Per Student**
EPA Lead RRP Certified Renovator	This 8 hour EPA approved course will certify participants for the Lead Renovation, Repair, or Painting (Lead Renovators) training requirements. In 2008, the US EPA announced new rules for contractors who renovate or repair housing, childcare facilities, or schools built before 1978. Under the regulations, contractors and workers must have documented training to practice lead-safe work practices to reduce potential lead exposures during renovation and repair activities. The Renovation, Repair, and Painting (RRP) rule affects contractors, property managers, and others who disturb known or presumed lead-based paint during renovation.	Currently not offered by Apex	
EPA Lead RRP Certified Renovator Refresher	This 4 hour EPA approved course meets the training requirements for participants who have completed the 8-hour initial class within the past five years for the Lead Renovation, Repair, or Painting (Lead Renovators). The Renovation, Repair, and Painting (RRP) rule affects contractors, property managers, and others who disturb known or presumed lead-based paint during renovation.	Currently not offered by Apex	
OSHA Compliance Courses			
Class	**Description**	**Hours**	**Fee Per Student**
Asbestos Operations & Maintenance, Class III	This 16 hour course is designed for operations and maintenance personnel who are required to complete small scale disturbance of asbestos which constitutes Class III asbestos work.	Currently not offered by Apex	

Asbestos Operations & Maintenance Class III Refresher	A 4 hour refresher course designed for the designated operations and maintenance personnel who are required to complete small scale disturbance of asbestos.	Currently not offered by Apex
OSHA 10-Hour General Industry	This course defines and promotes compliance with OSHA general industry regulations. Coursework will cover handling worksite inspections, training, and compliance obligations as well as hazard abatement and program development. Attendees will receive an official course completion card and the latest 1910 standards book. The courses are designed for safety and health managers, supervisors, human resources managers, etc.	$2,750 for up to 25 students.
OSHA 30-Hour General Industry	This course defines and promotes compliance with OSHA general industry regulations. Coursework will cover handling worksite inspections, training, and compliance obligations as well as hazard abatement and program development. Attendees will receive an official course completion card and the latest 1910 standards book. The courses are designed for safety and health managers, supervisors, human resources managers, etc.	$7,150 for up to 25 students.
OSHA 10-Hour Construction Industry	This 10-hour course will acquaint participants with major 1926 and related 1910 general industry regulations. The course covers training and compliance obligations and program development. Attendees will receive an official course completion card from federal OSHA. The course is designed for anyone who needs a thorough review of construction safety.	$2,750 for up to 25 students.
OSHA 30-Hour Construction Industry	This 30 hour course will explain and promote compliance with OSHA construction regulations. The course covers handling worksite inspections, training, and compliance obligations; hazard abatement and program development.	$7,150 for up to 25 students.
40 Hour HAZWOPER	This course is specifically designed for workers who are involved in clean-up operations, voluntary clean-up operations, emergency response operations, and storage, disposal, or treatment of hazardous substances or uncontrolled hazardous waste sites. Topics include protection against hazardous chemicals, elimination of hazardous chemicals, safety of workers and the environment and OSHA regulations. This course covers topics included in 29 CFR 1910.120.	$11,000 for up to 15 participants.
24 Hour HAZWOPER	This is a comprehensive class that provides in-depth instruction on how to perform emergency response activities. Personnel who are expected to stop, contain, and clean up on-site releases are required to have 24 hours of initial training. Personnel who are involved in cleanups at waste sites-including Superfund sites, RCRA corrective action sites, or even voluntary cleanups involving hazardous substances-must have 40 hours of initial classroom instruction.	$7,150 for up to 15 participants.
8 Hour HAZWOPER Refresher	The 8 hour refresher meets the requirements for students who have prior-40 hour training, updating the students on recent OSHA activities, enforcement directives and interpretations, and health and safety procedures.	$3,850 per class up to 25 participants.
Respiratory Protection & Fit Testing	This 4-hour course reviews OSHA Standard 29 CFR 1910.134 for employees required to use respirators. Employees will be instructed on how to recognize medical signs and symptoms, the limitations and effectiveness of respirators, as well as the procedures for inspecting and maintaining the respirators. All employees who are currently approved	$825 per class up to 25 and $33/fit test.

	by a PLHCP to wear respirator will be fit tested as per the employer's request.	
Asbestos Awareness	This 2 hour course covers the basics of asbestos for individuals who work in areas where they may come in contact with asbestos. The class fulfills the OSHA requirements for a Class IV activity.	$825 per class for up to 25.
Lead Awareness	This 2 hour course covers the basics of lead-containing and lead based paint, provides health protection and exposure requirements and other relevant concerns as mandated by OSHA's 29 CFR 1926.62.	$825 per class for up to 25.
Asbestos & Lead Safety Awareness	This 4 hour course covers the basics of asbestos and lead, provides health protection and exposure requirements and other relevant concerns as mandated by OSHA 29 CFR 1926.62 and OSHA 29 CFR 1926.1101.	$1,375 per class for up to 25.
Lead In Construction	This course is designed for workers who will disturb lead but who are not performing "abatement activities" and it meets the requirements of OSHA's 29 CFR 1926.62 Lead in Construction Standard.	Currently not offered by Apex
Confined Space Awareness	The OSHA Confined Space Entry Standard, 29 CFR 1910.146, outlines the requirements for work in both permit and non-permit spaces. The Confined Space Entry Course is approximately 4 hours in length. Courses can be custom tailored to the employer's needs.	$935/class includes hands on practice.
Confined Space Entry, Entrant	This 4 hour course is designed for employees who will be performing the duties of an Authorized Entrant. The course will cover the requirements outlined under OSHA 29 CFR 1910.146.	$935/class includes hands on practice.
Confined Space Entry, Attendant	This 4 hour course is designed for employees who will be performing the duties of an Attendant, but will not perform Non-Entry Rescue. The course will cover the requirements outlined under OSHA 29 CFR 1910.146.	$935/class includes hands on practice.
Confined Space Entry, Supervisor	This 4 hour course is designed for employees who will be performing the duties of the Entry Supervisor. The course will cover the requirements outlined under OSHA 29 CFR 1910.146.	$935/class includes hands on practice.
Confined Space Entry, Non-Entry Rescue	This 8 hour course is designed for employees who will be performing the duties of an Attendant and Non-Entry Rescue. The course will cover the requirements outlined under OSHA 29 CFR 1910.146, as well as hands-on training on performing non-entry rescue operations.	$1,850/class includes hands on practice.

Additional Courses

Class	Description	Hours	Fee Per Student
Lead Safe Work Practices	This 4 hour course provides the student with lead safe work practices that must be used during lead hazard reduction, rehabilitation, and maintenance work that involves surfaces with presumed or identified lead-based paint. It follows the HUD/EPA 2003 Training Program.	Currently not offered by Apex	
Hazard Identification for Building Maintenance	This 8 hour class will consist of instruction in Mold Awareness, Asbestos Awareness, and Lead Awareness. Training program will also include Hazardous Communications with training in the new Global Harmonized System (GHS) as well as other OSHA Health & Safety Topics.	Currently not offered by Apex	
Mold & Moisture Intrusion Inspection	This4 hour or 8 hour course defines and promotes compliance with OSHA general industry regulations. Coursework will cover handling worksite inspections, training, and compliance obligations as well as hazard abatement and program development. Attendees will receive an official course completion card and the latest 1910 standards book. The courses	Currently not offered by Apex	

	are designed for safety and health managers, supervisors, human resources managers, etc.	
Mold Operations & Maintenance	This 8 hour course will educate participants in performing small scale (<10 square feet) mold remediation projects for operation and maintenance, while protecting their health and preventing the spread of contamination.	Currently not offered by Apex
PCB Awareness	This is a 4 hour course designed to provide practical information on the management of PCB for individuals, building owners, and contractors who are concerned with the use, storage, treatment, disposal, removal, or spill cleanup of polychlorinated biphenyls. The course provides an overview of physical and chemical properties of PCB as well as the history, health effects, and regulations related it. The materials covered in this course are in accordance with 40 CFR 761.	Currently not offered by Apex
Globally Harmonized System (GHS)	GHS, the Globally Harmonized System, is a global approach to the classification of hazardous chemicals and the communication of hazards to workers via labels and safety data sheets that affects both the HazCom Standard and Workplace Hazardous Materials Information Systems.	Currently not offered by Apex
Unless otherwise stated, minimum class size is 7 and maximum class size is 10 without additional trainers required. Class sizes of larger than 10 students may incur additional fees for requirements of additional trainers		

Additional Classes can be developed or offered based upon client needs, negotiated rates and class sizes. The following are examples of these classes.

Laboratory Safety
Standards & Inspection Procedures
Introduction to OSHA
Recordkeeping
Concrete & Masonry
Safety Programs & Subpart C
Welding & Cutting
Rigging & Material Handling
Cranes, Derricks, Hoists, Elevators, & Conveyors
Ergonomics
Lockout & Tagout
Walking & Working Surfaces
Bloodborne Pathogens
Scaffolds
Stairways & Ladders
Electrical
Fall Protection
Fire Prevention
Personal Protective Equipment
Health Hazards in Construction
Excavations
Hazard Communication
Machine Guarding
Safety & Health Programs
Fire Detection & Protection

APEX

Additional Classes can be developed or offered based upon client needs, negotiated rates and class sizes. The following are examples of these classes.

1. Laboratory Safety - $550 per class minimum depending upon class length.
Standards & Inspection Procedures $550 per class for 2- hour class up to 20 students.
2. Stairways & Ladders $550 per class for 2- hour class up to 20 students.
3. Introduction to OSHA $550 per class for 2- hour class up to 20 students.
4. Electrical $550 per class for 2- hour class up to 20 students. Longer classes aiso available.
5. Recordkeeping $1,045 per class for 4- hour class up to 20 students.
6. Fall Protection $1,045 per class for 4- hour class up to 20 students with hands-on demo.
7. Fire Prevention $550 per class for 2- hour class up to 20 students.
8. Safety Programs & Subpart C $550 per class for 2- hour class up to 20 students.
9. Personal Protective$825 per class for 2- hour class up to 20 students. Longer classes also available and customizable.
10. Equipment Welding & Cutting $825 per class for 3- hour class up to 20 students.
11. Health Hazards in Construction $550 per class for 2- hour class up to 20 students.
12. Excavations $550 per class for 2- hour class up to 20 students. $1,650 for competent person.
13. Hazard Communication $550 per class for 2- hour class up to 20 students. Longer classes also available.
14. Ergonomics $550 per class for 2- hour class up to 20 students. Longer classes also available.
15. Machine Guarding $550 per class for 2- hour class up to 20 students.
16. Lockout & Tagout $1,045 per class for 4- hour class up to 20 students.
17. Safety & Health Programs $550 per class for 2- hour class up to 20 students.
18. Walking & Working Surfaces $550 per class for 2- hour class up to 20 students.
19. Fire Detection & Protection $550 per class for -2 hour class up to 20 students.
20. Bloodborne Pathogens $550 per class for 2- hour class up to 20 students. Longer classes available.

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Open End, As Required Industrial Environmental Engineering Services

Froehling and Robertson (F&R) Environmental Billing Rates FY17 – FY18

Labor Category	Hourly Rate
Environmental Engineer Senior	146.98
Environmental Engineer IV	121.14
Environmental Engineer III	105.61
Environmental Engineer II	84.26
Environmental Engineer I	66.16
Environmental Planner Senior	146.94
Environmental Planner IV	122.08
Environmental Planner III	106.81
Environmental Planner II	85.22
Environmental Planner I	68.08
Environmental Analyst Senior	131.58
Environmental Analyst IV	111.96
Environmental Analyst III	98.02
Environmental Analyst II	81.40
Environmental Analyst I	64.31
Certified Industrial Hygienist	131.65
Industrial Hygienist IV	104.80
Industrial Hygienist III	93.65
Industrial Hygienist II	79.51
Industrial Hygienist I	58.82
Environmental Scientist Senior	137.88
Environmental Scientist IV	118.32
Environmental Scientist III	100.45
Environmental Scientist II	85.87
Environmental Scientist I	69.24
Environmental Specialist Senior	126.85
Environmental Specialist IV	111.14
Environmental Specialist III	94.67
Environmental Specialist II	78.97

* F&R Fiscal Year FY) = 1 Apr – 30 Mar.

* Labor categories and rates highlighted in yellow are those that are most highly anticipated for use in performing services for Fauquier County.

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Open End, As Required Industrial Environmental Engineering Services

FROEHLING and ROBERTSON SUBCONTRACTORS SERVICES – Mark UP 10%

Ground Penetrating Radar System for clearing USTs on Site – standard rates - $800.00per 1/2 day

Utility Locating Services – Standard Rate - $600.00 per site

Green Services – Standard Rate - $1,850.00 per day

Odyssey Environmental – Standard Rate - $2,300.00 per day

Analytical Laboratory Services (Environmental/HAZMAT building materials samples)
Phase Separation Sciences/SanAir Tech. Laboratory Inc. – Standard Rates Attached

Phase Separation Sciences

Analysis	Method	Matrix	Cost
Acidity	SM 2310B (4a)	Water	20.00
Alkalinity (to pH 4.5 & 8.3)	SM 2320B	Water	25.00
Ammonia, Nitrogen	SM 4500-NH_3B, C, D, E or F / EPA 350.1	Water	40.00
		Solid	55.00
Bacteria, Coliforms	SM 9223B, SM 9221E (Fecal Coliform)	Water	75.00
Bacteria, Heterotrophic (total) Plate Count	SM 9215B	Water	75.00
Bacteroides	SOP	Water	175.00
Biochemical Oxygen Demand (BOD_5)	SM 5210B	Water	60.00
Bromide	EPA 300.0	Water	35.00
		Solid	50.00
BTEX and/or MTBE and Naphthalene	EPA 8021B	Water, Solid	110.00
BTEX and/or MTBE and Naphthalene	EPA 8260B	Water, Solid	225.00
Chemical Oxygen Demand (COD)	SM 5220D	Water	35.00
Chemical Oxygen Demand, Low Level (COD)	SM 5220D	Water	50.00
Chloride	EPA 300.0	Water	35.00
		Solid	50.00
Chlorine, Total Residual or Free Available	SM 4500 CL-G	Water	60.00
Chromium, Hexavalent	SM 3500Cr B / EPA 7196A	Water	90.00
		Solid	120.00
Coliform, Bacteria	SM 9223B, SM 9221E (Fecal Coliform)	Water	75.00
Conductance	SM 2510B / EPA 120.1	Water, Solid	25.00
Cyanide, Total	SM 4500CN E / EPA 7196A	Water, Solid	60.00
Dioxins	EPA 8290 / 1631	Water, Solid	825.00
Dioxins (2378-tcdd only)	EPA 8290 / 1631	Water, Solid	575.00
Dissolved Gases/Landfill (Methane and/or Ethane, Ethene and Propane)	EPA 8015M	Water, Air	150.00
Extractable Organic Halogens (EOX)	EPA 9020B / 9023 / 9078	Water, Solid, Solvent, Oil	120.00
Flash Point	EPA 1020A	Water, Solid, Solvent, Oil	75.00

Phase Separation Sciences			
Fluoride	EPA 300.0	Water	35.00
		Solid	50.00
Gases, Dissolved/Landfill (Methane and/or Ethane, Ethene and Propane)	EPA 8015M	Water, Air	150.00
Glycols (Propylene and Ethylene)	EPA 8015M	Water	250.00
		Solid	275.00
Hardness	SM 2340B or C / EPA 6020A / 200.8	Water	25.00
Analysis	**Method**	**Matrix**	**Cost**
Herbicides, Chlorinated	EPA 8151A	Water, Solid	290.00
Mercury, Cold Vapor	EPA 245.1 / 245.2	Water, Solid	60.00
Mercury, Elemental	EPA 3200	Solid	250.00
Mercury, Low Level	EPA 1631E	Water	125.00
Metals, Total	EPA 6020A / 200.8	Water	30.00
		Solid	55.00
Metals, Total	EPA 6020A / 200.8	Water, Solid	20.00
Metals, Lab Filtering (Dissolved)	EPA 6020A / 200.8	Water	20.00
Metals, RCRA (8)	EPA 6020A / 200.8	Water, Solid	180.00
Metals, Priority Pollutant (13)	EPA 6020A / 200.8	Water, Solid	230.00
Metals, TAL (23)	EPA 6020A / 200.8	Water, Solid	325.00
Moisture Content	SM 2540G	Solid	20.00
Nitrogen, Ammonia	SM 4500-NH_3B, C, D, E or F / EPA 350.1	Water	40.00
		Solid	55.00
Nitrogen, Nitrate	SM 4500-NO_3D / EPA 300.0	Water	35.00
		Solid	50.00
Nitrogen, Nitrite	SM 4500-NO_2B / EPA 300.0	Water	35.00
		Solid	50.00
Nitrogen, Nitrate-Nitrite	SM 4500-NO_3H	Water	70.00
		Solid	100.00
Nitrogen, Total Kjeldahl (TKN)	SM 4500-NH_3B, C or E, EPA 351.2	Water	60.00
		Solid	75.00
Oil & Grease (Gravimetric HEM)	EPA 9071BM / 1664A / 1664M	Water, Solid	85.00
Paint Filter Liquids Test	EPA 9095B	Solid	35.00
PCBs (Polychlorinated Biphenyls)	EPA 8082A / 608	Water, Solid, Solvent, Oil	120.00
PCB Congeners	EPA 1668	Water, Solid	950.00
Perchlorate	EPA 314.1	Water, Solid	175.00
Pesticides, Organochlorine	EPA 8081B / 608	Water, Solid	120.00
Pesticides, Organophosphorus	EPA 8141	Water, Solid	300.00

Phase Separation Sciences			
pH – Corrosivity	SM 4500 H+B	Water, Solid	10.00
Phenolics	EPA 420.1, 420.4	Water	125.00
Phosphorus (Ortho or Total)	EPA 365.1 / 365.3 / 300.0 / SM4500-P_E	Water	40.00
		Solid	55.00
Polynuclear Aromatic Hydrocarbons (PAHs)	EPA 8270C / 625	Water, Solid	200.00
Analysis	Method	Matrix	Cost
Polynuclear Aromatic Hydrocarbons (PAHs) Selective Ion Monitoring (SIM)	EPA 8270C / 625	Water, Solid	300.00
Priority Pollutant Pesticides	EPA 8081B / 608	Water, Solid	120.00
Priority Pollutant PCBs (Polychlorinated Biphenyls)	EPA 8082A / 608	Water, Solid	120.00
Priority Pollutant Semi-Volatile Organic Compounds	EPA 8270C / 625	Water, Solid	475.00
Priority Pollutant Volatile Organic Compounds	EPA 8260B / 624	Water, Solid	225.00
Product ID or Product Comparison by Gas Chromatography	Various	Water, Solid, Fuel, Unknown Solvents	350.00
Reactivity (Cyanide, Sulfide)	EPA SW 846-7.3	Solid	150.00
Semi-Volatile Organic Compounds	EPA 8270C / 625	Water, Solid	475.00
Semi-Volatile Organic Compounds with Library Search (NIST)	EPA 8270C / 625	Water, Solid	525.00
Solids, Settleable	SM 2540F	Water	25.00
Solids, Total	SM 2540B	Water, Solid	25.00
Solids, Total Dissolved	SM 2540C	Water	25.00
Solids, Total Suspended	SM 2540D	Water	25.00
Solids, Total Volatile	SM 2540E or G	Water, Solid	25.00
Specific Conductance	SM 2510B / EPA 120.1	Water, Solid	25.00
Sulfate	SM 4500-SO4C or D / EPA 300.0	Water	35.00
		Solid	50.00
Sulfide, Total	EPA 9030B / SM4500-S2_F	Water	50.00
Surfactants (CTAS/MBAS)	SM 5540C, D	Water	150.00
TKN, Total Kjeldahl Nitrogen	SM 4500-NH3B, C or E, EPA 351.2	Water	60.00
		Solid	75.00
TO-15 Volatile Organic Compounds in Air	EPA TO-15	Air	275.00
TO-15 Volatile Organic Compounds in Air with Library Search (NIST)	EPA TO-15	Air	325.00
TO-15 Volatile Organic Compounds in Air with Certified Canister	EPA TO-15	Air	375.00
Total Organic Carbon (TOC)	SM 5310B, C or D / Walkley-Black	Water, Solid	90.00
Total Organic Halogens (TOX)	EPA 9020B / 9023 / 9078	Water, Solid, Solvent, Oil	120.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Complete Pkg.	EPA 1311 / 1312 / Various	Solid	1125.00

Phase Separation Sciences			
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Metals, Volatiles and Semi-Volatiles	EPA 1311 / 1312 / Various	Solid	900.00
Analysis	Method	Matrix	Cost
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Pesticides and Herbicides	EPA 1311 / 1312 / Various	Solid	365.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Volatiles Analysis	EPA 1311 / 1312 / 8260B	Solid	375.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Semi-Volatiles Analysis	EPA 1311 / 1312 / 8270C	Solid	545.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Herbicides Analysis	EPA 1311 / 1312 / 8151A	Solid	245.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Metals Analysis	EPA 1311 / 1312 / 6020A	Solid	250.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) Lead Analysis (or any individual metal)	EPA 1311 / 1312 / 6020A	Solid	100.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) TPH DRO	EPA 1311 / 1312 / 8015C	Solid	180.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) TPH ORO	EPA 1311 / 1312 / 8015M	Solid	180.00
Toxicity Characterization or Synthetic Precipitation Leaching Procedure (TCLP/SPLP) TPH GRO	EPA 1311 / 1312 / 8015C	Solid	155.00
TPH - Total Petroleum Hydrocarbons by Gas Chromatography (TPH-GC DRO)	EPA 8015C	Water, Solid	110.00
TPH - Total Petroleum Hydrocarbons by Gas Chromatography (TPH-GC DRO) in Air	EPA TO-13M	Air	275.00
TPH - Total Petroleum Hydrocarbons by Gas Chromatography (TPH-GC GRO)	EPA 8015C	Water, Solid	85.00
TPH - Total Petroleum Hydrocarbons by Gas Chromatography (TPH-GC ORO)	EPA 8015M	Water, Solid	110.00

Phase Separation Sciences			
TPH - Total Petroleum Hydrocarbons by Extraction and Gravimetry (TPH SGT-HEM)	EPA 9071BM / 1664A / 1664M	Water, Solid	85.00
Turbidity	EPA 180.1	Water	30.00
Volatile Organic Compounds	EPA 8260B / 624	Water, Solid	225.00
Volatile Organic Compounds with Library Search (NIST)	EPA 8260B / 624	Water, Solid	375.00
Volatile Organic Compounds in Drinking Water	EPA 524.2	Water	225.00
Volatile Organic Compounds in Air	EPA TO-15	Air	275.00
Volatile Organic Compounds in Air with Library Search (NIST)	EPA TO-15	Air	325.00
Volatile Organic Compounds in Air with Certified Cannister	EPA TO-15	Air	375.00

Contract # F&R23-17ksc
Open End, As Required Industrial Environmental Engineering Services

SAN AIR TECH LABORATORY

Test Code		3hr	6hr	12hr	24hr
ABA	**Asbestos Air - PCM NIOSH 7400 Method**	$ 14.50	$ 11.50	$ 8.25	**$ 5.50**
ABA-2	Asbestos Air - OSHA TWA NIOSH 7400	15.50	12.50	9.25	6.75
ABTEM	**Asbestos Air - TEM AHERA**	176.75	75.00	65.00	**55.00**
ABT2	Asbestos Air - TEM Level II	176.75	93.50	78.00	62.50
ABATN	Asbestos Air - TEM NIOSH 7402	187.25	114.50	88.50	78.00
ABEPA	Asbestos Bulk - EPA PLM 400 Point Count	20.75	18.75	17.75	15.50
ABBEN	Asbestos Bulk - EPA PLM NOB	-	-	26.00	24.00
ABBN	Asbestos Bulk - NIOSH 9002	15.50	12.50	9.25	7.75
ABB1K	Asbestos Bulk - PLM EPA 1000 Point Count Per	114.50	93.50	78.00	62.50
ABB	**Asbestos Bulk - PLM EPA 600 Per Layer**	14.50	11.50	8.25	**5.75**
ABBCH	Asbestos Bulk - TEM Chatfield	-	156.00	88.50	55.00
ABBTM	Asbestos Bulk - TEM EPA NOB	-	156.00	88.50	55.00
ABDMV	Asbestos Dust MicroVac ASTM D 5755	156.00	104.00	88.50	67.50
ABSP	Asbestos Soil/Vermiculite - PLM CARB 435 (LOD <	104.00	93.50	83.25	72.75
ABSP2	Asbestos Soil/Vermiculite - PLM CARB 435 (LOD	182.00	156.00	130.00	114.50
ABSP1	Asbestos Soil/Vermiculite - PLM CARB 435 (LOD	135.25	124.75	114.50	93.50
ABSE	Asbestos Soil/Vermiculite - PLM EPA 600	67.50	57.25	52.00	38.50
ABWA	Asbestos TEM Wipe ASTM D 6480	156.00	104.00	88.50	78.00
ABHE	Asbestos Water - EPA 100.2	166.50	114.50	98.75	88.50
PLMNY	Asbestos PLM EPA 600/M4-82-020	$ 14.50	$ 10.50	$ 8.25	$ 6.25
ABEPA2	Asbestos PLM Point Count ELAP 198.1	20.75	18.75	15.50	13.50
ABENY	Asbestos PLM NOB ELAP 198.6			24.00	20.75
ABBNY	Asbestos Bulk - TEM NY ELAP 198.4		156.00	88.50	78.00
Test Code	**Analysis**	**Same**	**24hr**	**48hr**	**3day**
AA	**Lead - Total Concentration of Lead**	$ 9.25	**$ 7.25**	**$ 7.00**	**$ 6.75**
ICP1	Single Metal Identification	67.50	46.75	41.50	31.25
ICP2	Each Additional Metal Identification	46.75	31.25	26.00	20.75
Hg	Mercury Identification	57.25	46.75	41.50	36.50
RCRA	TCLP/RCRA8		200.00	185.00	175.00
TCLP	**TCLP for Lead**		**75.00**	**70.00**	**65.00**
TCLP1	TCLP - Each Additional Metal		75.00	70.00	65.00
	Panels				
TAL	Target Analyte List (23) Al, Sb, As, Ba, Be, Cd, Ca, Cr,	416.00	338.00	286.00	254.75
RCRA8	RCRA 8 Metals (8) As, Ba, Cd, Cr, Pb, Se, Ag, Hg	218.50	171.50	140.50	114.50
ICP13	Priority Pollutants (13) Ag, As, Be, Cd, Cr, Cu, Hg, Ni,	364.00	275.50	234.00	202.75
Materials Science					
Test Code	**Analysis**	**Same**	**24hr**	**48hr**	**3day**
MMVF	Materials Science - NIOSH 7400 w/ STEM			228.75	187.25
MSP	Materials Science - Special Project; Single Analyte	######	######	$98.75	$83.25
MSPOP	Materials Science - Optical Particle ID	520.00	260.00	208.00	166.50
MSPFP	Materials Science - Full Particle ID w/ Chemistry			######	######
M6001	IESO/RIA Standard 6001 using both PLM and STEM		520.00	442.00	390.00

M6601P	IESO/RIA Standard 6001 using PLM analysis only	208.00	114.50	98.75	88.50
M6602	ASTM D 6602 Carbon Black & Soot- Optics, Volatiles,			468.00	364.00
M6602P	ASTM D 6602 Char & Opaque Particles- Optics Only		124.75	114.50	104.00
Meth	Meth Wipes Method 9111			90.00	85.00
Gravimetric Methods					
Test Code		**Same**	**24hr**	**48hr**	**3day**
N0500	NIOSH 0500 Nuisance Dust, Total	41.50	26.00	20.75	17.75
N0600	NIOSH 0600 Nuisance Dust, Respirable	41.50	26.00	20.75	18.25
N5000	NIOSH 5000 Carbon Black	78.00	57.25	46.75	41.50
N5000T	NIOSH 5000 Carbon Black w/ TEM Confirmation	208.00	187.25	176.75	171.50
NADCA	NADCA Vacuum Test for Air Duct Cleanliness	46.75	31.25	26.00	23.00

Environmental Microbiology Free **FedEx standard overnight shipping of samples.**

Test Code	**Non-Viable Analysis**	**3hr**	**6hr**	**24hr**	**48hr**
A1 **Confid**	Trap Analysis - Identification & Enumeration of Fungal Spores f Dander, Fiber & Pollen Counts	$ 46.50	$ 20.00	$ 20.00	$ 20.00
A2	**Spore Trap Analysis - Identification & Enumeration of**	41.50	**15.00**	15.00	15.00
D1	**Semi-Quantitative Direct Identification of Fungi**	41.50	**15.00**	15.00	15.00
D2	Direct Identification of Insect Parts, Pollen, Fibers, etc *	41.50	15.00	15.00	15.00
D3	Quantitative Direct Identification of Fungi	51.50	25.00	25.00	25.00
D4	Direct Identification of Fungi, Insect Parts and Fibers *	46.50	20.00	20.00	20.00
Test Code	**Viable Analysis**	**2-4 Days**	**5-10 Days**		
C1-AP	Air Culture - Identification and Enumeration of Fungi Only		$35.00		
C2-AP	Air Culture - Identification and Enumeration of Bacteria	$35.00			
C3-AP	Air Culture - Identification and Enumeration of Fungi &		$45.00		
C4-AP	Air Culture - Identification and Enumeration of Thermophilic	$45.00			
C5-AP	Air Culture - Total Bacterial Count	$22.00			
C6-AP	Air Culture - Total Fungal Count		$32.00		
C1	Swab/Bulk Culture - Identification and Enumeration of Fungi		$45.00		
C2	Swab/Bulk Culture - Identification and Enumeration of	$45.00			
C3	Swab/Bulk Culture - Identification and Enumeration of Fungi		$55.00		
C4	Swab/Bulk Culture - Identification and Enumeration of	$45.00			
Test Code	**Viable + PCR/DNA**	**2-4 Days**	**7-10 Days**		
CA1	Preliminary Report with Genus ID -> Client Selects	$45 + $95/species			
CA2	Genus ID with Speciation of the Top 3 Organisms (Bacteria	$250.00			
L1	**Subculture to Purify Isolate > Final Results via DFA**		**$110.00**		

FROEHLING & ROBERTSON
Navigating Risks. Resolving Challenges.

Virginia Regulated Courses			
Class	**Description**	**Hours**	**Fee Per Student**
Asbestos Worker Initial	This course meets EPA and AHERA training requirements and OSHA standard for Class I, Class II asbestos work. This 32- hour course prepares students to become licensed asbestos workers. Topics include potential health effects of asbestos exposure, personal protective equipment, work practices including waste handling and disposal. Students will also gain hands-on experience with establishing containment and decon systems.	**32**	**$425**
Asbestos Supervisor Initial	The Supervisor 40 hour course provides students with the training to perform competent person responsibilities during Class I, Class II, and Class III asbestos work. Students will be trained in proper removal, enclosure, and encapsulation of asbestos containing materials as well as hands-on work practices such as construction of negative pressure enclosure and glove bag procedures. This class is especially beneficial for contractors, school maintenance supervisors, air monitors, and consultants.	**40**	**$625**
Asbestos Inspector Initial	The 24 hour accredited Inspector course is required for state licensure and uses the EPA curriculum *Asbestos Building Inspector* manual. This course teaches procedures for inspecting buildings for suspect asbestos containing materials, collecting bulk samples, chain of custody procedures, interpreting analytical results, and writing inspection reports.	**24**	**$425**
Asbestos Management Planner Initial	A 16 hour course that is required in conjunction with an Asbestos Inspector Course for licensure as an Asbestos Management Planner. The student is taught how to utilize the inspection report to determine response actions, set priorities for abatement, and develop management plans.	**16**	**$375**
Asbestos Worker Refresher	This 8 hour accredited course is for the licensed asbestos abatement workers to refresh existing knowledge and update the student regarding changes in the asbestos industry. This course meets or exceeds EPA's AHERA regulation requirements and OSHA standards for Class I and Class II operations. The EPA Model Curriculum for training asbestos workers is used including the following topics: History and uses of asbestos, potential health effects of asbestos exposure, personal protective equipment and respirators, waste handling and disposal, and new developments regarding asbestos regulations if applicable.	**8**	**$150**
Asbestos Supervisor Refresher	An 8 hour accredited course for the licensed asbestos supervisor to refresh existing knowledge and update the student on changes in the asbestos industry.	**8**	**$180**
Asbestos Inspector Refresher	This 4 hour course is required for all licensed asbestos inspectors to refresh existing knowledge and update the student regarding changes in the asbestos industry.	**4**	**$150**

Asbestos Management Planner Refresher	This 4 hour course is required for all licensed asbestos management planners to refresh existing knowledge and update the student regarding changes in the asbestos industry.	**4**	**$150**
Asbestos Project Designer Refresher	This 8 hour accredited refresher course involves instruction in the development of asbestos abatement specifications.	**8**	**$150**
Asbestos Project Monitor Refresher	This 8 hour course may be attended by accredited asbestos supervisors or project designers who want to be accredited as project monitors in Virginia or clearance air monitors in West Virginia.	**8**	**$150**
AIHA Reviewed Courses			
Class	**Description**	**Hours**	**Fee Per Student**
NIOSH 582 Equivalency	This course includes statistics and sampling-related mathematics, calibration of air sampling equipment, and set-up and use of the phase contrast microscope. It is helpful if students have a good background in basic algebra and the ability to use a calculator with square and square-root functions. Hands-on exercises complement the practical instruction on asbestos air sample analysis. *In an attempt to aid analysts in finding NIOSH 582 Equivalency courses in their area, the AIHA Registry Programs offers to maintain a list of courses whose course outline, training materials and reference documents, equipment, instructors' qualifications, certificate and final examinations have met the AIHA Registry Programs' requirements for a NIOSH 582 Equivalency course. These requirements have been determined by the AIHA Registry Programs and are not endorsed by NIOSH.*	**40**	**$700**
EPA Regulated Courses			
Class	**Description**	**Hours**	**Fee Per Student**
EPA Lead RRP Certified Renovator	This 8 hour EPA approved course will certify participants for the Lead Renovation, Repair, or Painting (Lead Renovators) training requirements. In 2008, the US EPA announced new rules for contractors who renovate or repair housing, childcare facilities, or schools built before 1978. Under the regulations, contractors and workers must have documented training to practice lead-safe work practices to reduce potential lead exposures during renovation and repair activities. The Renovation, Repair, and Painting (RRP) rule affects contractors, property managers, and others who disturb known or presumed lead-based paint during renovation.	**8**	**$195**
EPA Lead RRP Certified Renovator Refresher	This 4 hour EPA approved course meets the training requirements for participants who have completed the 8-hour initial class within the past five years for the Lead Renovation, Repair, or Painting (Lead Renovators). The Renovation, Repair, and Painting (RRP) rule affects contractors, property managers, and others who disturb known or presumed lead-based paint during renovation.	**4**	**$95**
OSHA Compliance Courses			
Class	**Description**	**Hours**	**Fee Per Student**
Asbestos Operations & Maintenance, Class III	This 16 hour course is designed for operations and maintenance personnel who are required to complete small scale disturbance of asbestos which constitutes Class III asbestos work.	**16**	**$325**

Asbestos Operations & Maintenance Class III Refresher	A 4 hour refresher course designed for the designated operations and maintenance personnel who are required to complete small scale disturbance of asbestos.	**4**	**$150**
OSHA 10-Hour General Industry	This course defines and promotes compliance with OSHA general industry regulations. Coursework will cover handling worksite inspections, training, and compliance obligations as well as hazard abatement and program development. Attendees will receive an official course completion card and the latest 1910 standards book. The courses are designed for safety and health managers, supervisors, human resources managers, etc.	**10**	**$175**
OSHA 30-Hour General Industry	This course defines and promotes compliance with OSHA general industry regulations. Coursework will cover handling worksite inspections, training, and compliance obligations as well as hazard abatement and program development. Attendees will receive an official course completion card and the latest 1910 standards book. The courses are designed for safety and health managers, supervisors, human resources managers, etc.	**30**	**$475**
OSHA 10-Hour Construction Industry	This 10-hour course will acquaint participants with major 1926 and related 1910 general industry regulations. The course covers training and compliance obligations and program development. Attendees will receive an official course completion card from federal OSHA. The course is designed for anyone who needs a thorough review of construction safety.	**10**	**$175**
OSHA 30-Hour Construction Industry	This 30 hour course will explain and promote compliance with OSHA construction regulations. The course covers handling worksite inspections, training, and compliance obligations; hazard abatement and program development.	**30**	**$475**
40 Hour HAZWOPER	This course is specifically designed for workers who are involved in clean-up operations, voluntary clean-up operations, emergency response operations, and storage, disposal, or treatment of hazardous substances or uncontrolled hazardous waste sites. Topics include protection against hazardous chemicals, elimination of hazardous chemicals, safety of workers and the environment and OSHA regulations. This course covers topics included in 29 CFR 1910.120.	**40**	**$700**
24 Hour HAZWOPER	This is a comprehensive class that provides in-depth instruction on how to perform emergency response activities. Personnel who are expected to stop, contain, and clean up on-site releases are required to have 24 hours of initial training. Personnel who are involved in cleanups at waste sites-including Superfund sites, RCRA corrective action sites, or even voluntary cleanups involving hazardous substances-must have 40 hours of initial classroom instruction.	**24**	**$425**
8 Hour HAZWOPER Refresher	The 8 hour refresher meets the requirements for students who have prior-40 hour training, updating the students on recent OSHA activities, enforcement directives and interpretations, and health and safety procedures.	**8**	**$175**
Respiratory Protection & Fit Testing	This 4-hour course reviews OSHA Standard 29 CFR 1910.134 for employees required to use respirators. Employees will be instructed on how to recognize medical signs and symptoms, the limitations and effectiveness of respirators, as well as the procedures for inspecting and maintaining the respirators. All employees who are currently approved	**4**	**$135**

	by a PLHCP to wear respirator will be fit tested as per the employer's request.		
Asbestos Awareness	This 2 hour course covers the basics of asbestos for individuals who work in areas where they may come in contact with asbestos. The class fulfills the OSHA requirements for a Class IV activity.	**2**	**$75**
Lead Awareness	This 2 hour course covers the basics of lead-containing and lead based paint, provides health protection and exposure requirements and other relevant concerns as mandated by OSHA's 29 CFR 1926.62.	**2**	**$75**
Asbestos & Lead Safety Awareness	This 4 hour course covers the basics of asbestos and lead, provides health protection and exposure requirements and other relevant concerns as mandated by OSHA 29 CFR 1926.62 and OSHA 29 CFR 1926.1101.	**4**	**$135**
Lead in Construction	This course is designed for workers who will disturb lead but who are not performing "abatement activities" and it meets the requirements of OSHA's 29 CFR 1926.62 Lead in Construction Standard.	**4**	**$135**
Confined Space Awareness	The OSHA Confined Space Entry Standard, 29 CFR 1910.146, outlines the requirements for work in both permit and non-permit spaces. The Confined Space Entry Course is approximately 4 hours in length. Courses can be custom tailored to the employer's needs.	**4**	**$135**
Confined Space Entry, Entrant	This 4 hour course is designed for employees who will be performing the duties of an Authorized Entrant. The course will cover the requirements outlined under OSHA 29 CFR 1910.146.	**4**	**$135**
Confined Space Entry, Attendant	This 4 hour course is designed for employees who will be performing the duties of an Attendant, but will not perform Non-Entry Rescue. The course will cover the requirements outlined under OSHA 29 CFR 1910.146.	**4**	**$135**
Confined Space Entry, Supervisor	This 4 hour course is designed for employees who will be performing the duties of the Entry Supervisor. The course will cover the requirements outlined under OSHA 29 CFR 1910.146.	**4**	**$135**
Confined Space Entry, Non-Entry Rescue	This 8 hour course is designed for employees who will be performing the duties of an Attendant and Non-Entry Rescue. The course will cover the requirements outlined under OSHA 29 CFR 1910.146, as well as hands-on training on performing non-entry rescue operations.	**8**	**$195**
Additional Courses			
Class	**Description**	**Hours**	**Fee Per Student**
Lead Safe Work Practices	This 4 hour course provides the student with lead safe work practices that must be used during lead hazard reduction, rehabilitation, and maintenance work that involves surfaces with presumed or identified lead-based paint. It follows the HUD/EPA 2003 Training Program.	**4**	**$135**
Hazard Identification for Building Maintenance	This 8 hour class will consist of instruction in Mold Awareness, Asbestos Awareness, and Lead Awareness. Training program will also include Hazardous Communications with training in the new Global Harmonized System (GHS) as well as other OSHA Health & Safety Topics.	**8**	**$175**
Mold & Moisture Intrusion Inspection	This4 hour or 8 hour course defines and promotes compliance with OSHA general industry regulations. Coursework will cover handling worksite inspections, training, and compliance obligations as well as hazard abatement and program development. Attendees will receive an official course completion card and the latest 1910 standards book. The courses	**4 or 8**	**$135 $185**

	are designed for safety and health managers, supervisors, human resources managers, etc.		
Mold Operations & Maintenance	This 8 hour course will educate participants in performing small scale (<10 square feet) mold remediation projects for operation and maintenance, while protecting their health and preventing the spread of contamination.	**8**	**$185**
PCB Awareness	This is a 4 hour course designed to provide practical information on the management of PCB for individuals, building owners, and contractors who are concerned with the use, storage, treatment, disposal, removal, or spill cleanup of polychlorinated biphenyls. The course provides an overview of physical and chemical properties of PCB as well as the history, health effects, and regulations related it. The materials covered in this course are in accordance with 40 CFR 761.	**4**	**$135**
Globally Harmonized System (GHS)	GHS, the Globally Harmonized System, is a global approach to the classification of hazardous chemicals and the communication of hazards to workers via labels and safety data sheets that affects both the HazCom Standard and Workplace Hazardous Materials Information Systems.	**4**	**$135**
Unless otherwise stated, minimum class size is 7 and maximum class size is 10 without additional trainers required. Class sizes of larger than 10 students may incur additional fees for requirements of additional trainers			

Additional Classes can be developed or offered based upon client needs, negotiated rates and class sizes. The following are examples of these classes.

Laboratory Safety
Standards & Inspection Procedures
Introduction to OSHA
Recordkeeping
Concrete & Masonry
Safety Programs & Subpart C
Welding & Cutting
Rigging & Material Handling
Cranes, Derricks, Hoists, Elevators, & Conveyors
Ergonomics
Lockout & Tagout
Walking & Working Surfaces
Bloodborne Pathogens
Scaffolds
Stairways & Ladders
Electrical
Fall Protection
Fire Prevention
Personal Protective Equipment
Health Hazards in Construction
Excavations
Hazard Communication
Machine Guarding
Safety & Health Programs
Fire Detection & Protection