



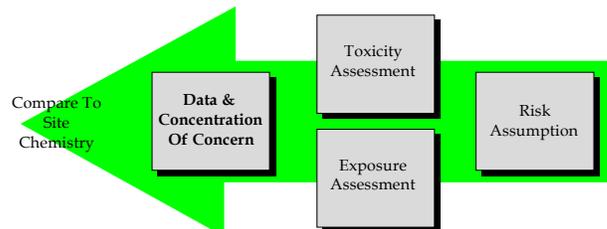
**ENVIRONMENTAL ADVISORY SERVICES  
GENERAL SERVICE ADMINISTRATION (GSA) AUTHORIZED**

# Terracon

## FEDERAL SUPPLY SCHEDULE CATALOG AND PRICE LIST

**Contract Number GS-10F-0256K**

**May 19, 2000 – May 18, 2010**





## GENERAL SERVICE ADMINISTRATION INFORMATION FOR ORDERING ACTIVITIES

### ENVIRONMENTAL ADVISORY SERVICES

#### *Customer Information*

1. Awarded Special Item Numbers (SIN)
  - SIN 899-1 Environmental Planning Services & Documentation (Page No. 7)
  - SIN 899-2 Environmental Compliance Services (Page No. 8)
  - SIN 899-3 Environmental/Occupational Training Services (Page No. 9)
  - SIN 899-4 Waste Management Services and Software (Page No. 9)
  - SIN 899-8 Remediation Services (Page No. 10)
2. Maximum Order: \$1,000,000 (see page 3)
3. Minimum Order: \$100
4. Geographic Coverage Area: Domestic – Continental United States, Alaska, Hawaii, and Puerto Rico
5. Point of Production: Same as contractor
6. Discount from list prices: 8-12.5% from commercial price list for labor hours  
8-23.5% from commercial price list for training courses
7. Quantity Discounts: None.
8. Prompt Payment Terms: Net 30 Days
9. Government credit cards will be accepted for all orders.
10. Foreign Items: None
- 11A-D. Time of Delivery: Negotiated with ordering agency per individual Task Orders.
12. F.O.B. Points: Destination
13. Ordering Address: Terracon Consultants, Inc.  
4172 Center Park Drive  
Colorado Springs, CO 80916  
Phone: (719) 597-2116  
Fax: (719) 597-2117
14. Payment Address is as follows:  
  
**Payment via Check/U.S. Mail:**  
Terracon Consultants, Inc.  
PO Box 931277  
Kansas City, MO 64193-1277
15. Warranty Provision: N/A
16. Export Packing Charges: N/A
17. Terms and Conditions of Government Credit Card Acceptance:  
The Government Credit Card shall be accepted for orders below and above the micropurchase threshold.
18. Terms and Conditions of Rental, Maintenance, and Repair: N/A
19. Terms and Conditions of Installation: N/A
- 20A. Terms and Conditions of any other services: N/A
21. List of Service and Distribution Points: N/A
22. List of Participating Dealers: N/A
23. Preventative Maintenance: N/A
24. Terracon, Inc. is Year 2000 Compliant.
25. Environmental Attributes: N/A
26. Data Universal Numbering System (DUNS) number: 361732134
27. Contractor is registered in the Central Contractor Registration (CCR) Database.

*Supplemental Information*

I-FSS-125 Requirements Exceeding the Maximum Order (August 1997)

- (a) In accordance with FAR 8.404, before placing an order that exceeds the maximum order threshold, ordering offices shall:
  - (1) Review additional schedule contractor's catalogs/price lists or use the GSA Advantage!<sup>TM</sup> on-line shopping service;
  - (2) Based upon the initial evaluation, generally seek price reductions from the schedule contractor(s) appearing to provide the best value (considering price and other factors); and
  - (3) After price reductions have been sought, place the order with the schedule contractor that provided the best value and results in the lowest overall cost alternative (see FAR 8.404(a)). If further price reductions are not offered, an order may still be placed, if the ordering office determines that it is appropriate.
- (b) Vendors may:
  - (1) Offer a new lower price for the requirement (the price reduction clause is not applicable to orders placed over the Maximum Order in FAR 52.216-19);
  - (2) Offer the lowest price available under the contract; or
  - (3) Decline the order. Orders must be returned in accordance with FAR 52.216-19.
- (c) A delivery order that exceeds the maximum order may be placed with the contractor selected in accordance with FAR 8.404. The order will be placed under the contract.
- (d) Sales for orders that exceed the Maximum Order shall be reported in accordance with FAR 552.238-72.

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# GSA ENVIRONMENTAL ADVISORY SERVICES CONTRACT INFORMATION

GSA's Environmental Advisory Services multiple-award contracts are intended to provide federal agencies with quick and efficient means of dealing with their environmental needs. With the exception of hazardous waste site excavation and remediation, this contract vehicle provides federal agencies with easy access to environmental services including planning, assessment, program management, compliance, and training.

## GSA ADVANTAGES

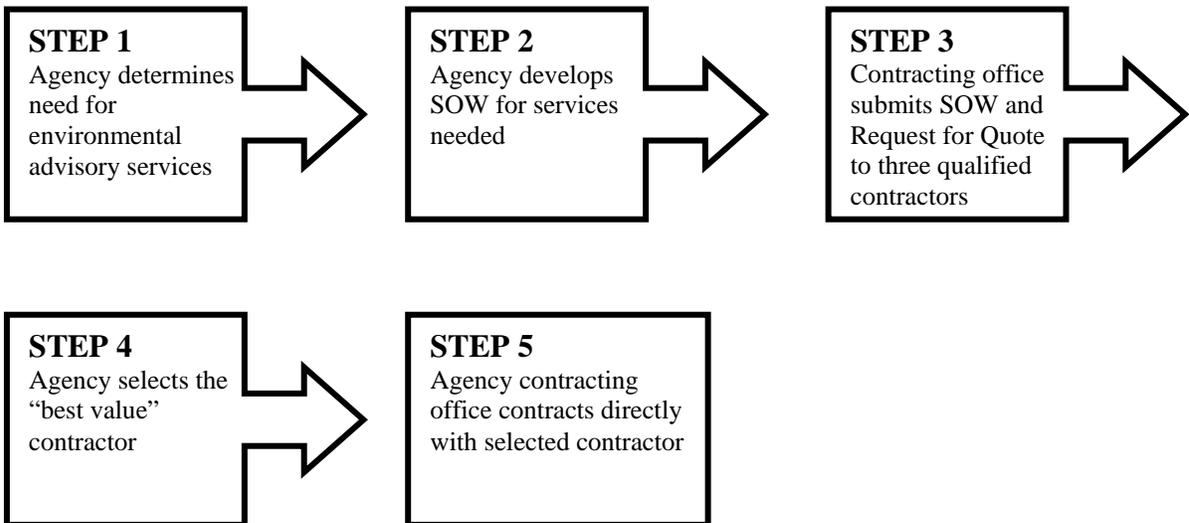
GSA has facilitated the acquisition of commercial services for customers by establishing GSA Schedule contracts. Under the Federal Supply Schedule (FSS) program, GSA enters into government-wide contracts with commercial firms to provide products and services at pre-approved prices and for a given period of time. This streamlined procurement approach significantly reduces the time required to obtain services because GSA has reviewed firm capabilities, negotiated rates, and pre-qualified commercial firms to provide services. The advantages of the FSS program include:

- Reduction in time required to obtain services (to typically a few weeks)
  - CBD synopsis is not required
  - Competition requirements have been met (FAR 6.1023(d)(3))
  - Rates determined to be fair and reasonable
- Can be used by all federal agencies
- Unimpeded relationship between the agency and the contracted firm - no transfer of funds to GSA
- No maximum order limitations
- Blanket Purchase Agreements can be used to customize your solution
- Contractor teaming and subcontracting is allowed

## Ordering Procedures

GSA's streamlined ordering process has been reduced to a few simple steps. Once your agency determines that an outside source is required to meet your needs, follow these steps:

- For orders less than \$2,500, develop a Statement of Work (SOW), select the contractor best suited to your needs, and have your contracts office place the order directly with the contractor.
- For orders more than \$2,500, follow the steps shown below.



Contracting with your selected contractor through the GSA Environmental Advisory Services Contract does not require GSA assistance, although it is available during the selection and contracting process.

If you have questions for GSA, they can be reached at:

FSS, Management Services Center  
400 15<sup>th</sup> Street SW  
Auburn, WA 98001-6599  
1-800-241-RAIN (7246)  
Email: [mgmt.services@gsa.gov](mailto:mgmt.services@gsa.gov)  
Website: <http://www.northwest.gsa.gov/fss/services/msc.htm>

To submit SOW requests to Terracon, please contact:

Lawrence R. Keefe  
Terracon Consultants, Inc.  
4172 Center Park Drive  
Colorado Springs, CO 80916  
Phone: (719) 597-2116  
Fax: (719) 597-2117  
Email: [lrkeefe@terracon.com](mailto:lrkeefe@terracon.com)

or

Thomas Warn  
Terracon Consultants, Inc.  
13910 W 96<sup>th</sup> Terrace  
Lenexa, KS 66215  
Phone: (913) 492-7777  
Fax: (913) 492-7443  
Email: [tewarn@terracon.com](mailto:tewarn@terracon.com)

## CORPORATE BACKGROUND

Terracon is a national consulting engineering firm providing engineering services in the areas of environmental, geotechnical and construction materials testing. We provide diverse, technically progressive, and cost effective services and solutions that are responsive to our clients' needs for environmental, and geotechnical and construction materials testing engineering.



The company is a 100% employee owned firm that was founded in 1965. Our headquarters are located in Kansas City, Kansas. Terracon offers over 1,500 professional, technical and support staff in over 70 offices located throughout the country. The company is currently ranked 52<sup>nd</sup> on 2005 *Engineering News-Record's* top 500 Design Firms listing.

Terracon is a mature company with the financial resources to provide services quickly and efficiently to our clients. Our sales volume has grown steadily since our inception 40 years ago. Today, Terracon's annual revenues are over \$100 million. This success is reflected in our consistent climb in *Engineering News-Record's* annual ranking of Top 500 Design Firms. The key to our financial strength has been the commitment of our employees, reinforced by our employee ownership program and controlled growth consistent with financial resources. Terracon's Dun and Bradstreet rating is 4A1 and the identification number is 61-356-9961. Our firm is audited annually and adheres to standard accounting practices.

Terracon offers high quality experience and specialized technical knowledge to our clients. Benefits from selecting Terracon include:

- ***Specific experience*** with the project issues, requirements, and needs.
- ***Over 40 years of field experience.*** Terracon has been engaged in environmental compliance engineering for 40 years and has company-wide experience in accomplishing literally thousands of successful projects.
- ***Dedication of resources and capabilities.*** Terracon's offices and resources are located in 70 cities throughout the United States. Terracon's breadth of capacity will be dedicated to meeting the challenges of your projects.
- ***Cost-effective solutions.*** Terracon's project approach assures quality services at a fair, yet competitive price.
- ***Long-term relationships with regulators.*** Terracon's project team has personally worked extensively with Federal, State and local regulatory agencies. Terracon's excellent working relationship with regulators is a result of our expertise, project management skills, capability to accomplish difficult tasks in the required time, objectivity, cost control, quality of work, and past performance reviews.

Since 1965, Terracon has provided assistance to government agencies, private industry, and utilities and on a broad range of regulatory issues including Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Clean Water Act (CWA), Clear Air Act (CAA) and Occupational Health and Safety Administration (OSHA). Our compliance specialists assist our clients by researching a single regulatory issue or by performing comprehensive multi-jurisdictional regulatory compliance audits.

Terracon provides assistance in the management of regulated materials and wastes through the preparation of permit applications, development of chemical purchasing management systems, waste handling and minimization procedures and practical emergency response planning. Terracon integrates public and employee safety considerations in establishing our client's regulatory compliance goals, and provides the mechanisms for tracking and maintaining continued compliance with those goals.

Terracon's regulatory compliance teams evaluate facilities for safety, health or environmental hazards such as asbestos, lead-based paint and mold. Our specialists assist in the preparation for regulatory inspections by identifying areas of potential regulatory liability and recommending corrective measures to achieve compliance.

Terracon guides our clients through the maze of Federal, State, and local regulatory permitting requirements. Our experienced compliance specialists can conduct emissions inventories and prepare Title V construction and operating permit applications. We also assist with RCRA Part B, NPDES, UST and other permitting challenges.

Terracon's experience includes development of material and waste management plans, preparation of facility contingency plans, SPCC plans, and UST management plans. Terracon also develops risk management plans, required by CAA. The Terracon regulatory compliance team is also experienced in a variety of regulatory reporting tasks such as SARA Title III, Section 312 and Form R reporting, NPDES reporting and bi-annual RCRA hazardous waste reporting.

Terracon's regulatory specialists have developed a variety of regulatory training programs tailored to the needs of our clients and their facilities. Terracon has successfully developed client-specific OSHA asbestos awareness, lock-out/tag-out, confined space entry and hazardous waste operations training programs, as well as RCRA spill response training programs. Our professionals work with the facility management and staff to develop training programs that are relevant to the facility, personnel and our client's specific regulatory compliance needs.

### **Resources and Personnel**

With over 1,500 employees nationally, Terracon has the staff, resources, and commitment to meet the needs and requirements of their customers, and complete the project in a timely and cost-efficient manner. With over 70 offices, a Terracon office is often within close proximity to your facilities.

Multi-disciplinary/ inter-office project teams may be formed to meet the requirements of a particular task order. Terracon's management structure allows for a seamless project team, although individual members may be located in offices hundreds of miles apart. The distance between Terracon's project team members, although geographically expansive, is insignificant due to the technologies employed by Terracon. Since 1992, Terracon has invested in state-of-the-industry computer equipment and communication systems for their offices.

**E-mail** is routinely employed to transfer information and deliverables between offices. Design drawings, draft documents, brainstorming ideas and photographs are instantaneously transferred from one professional to another as if they were in the same location. E-mail has also been found useful in keeping in close communication with our clients.

- **Conference calling** has played a significant role in bringing expertise directly to clients regardless of their location. Conference calls from professionals on-site to design production centers and client offices are standard practice to expedite our communication process.
- **Photographs, videotape and digital photographs** are used to provide a visual report of site activities. These are easily scanned and/or digitized and electronically transferred to other offices. This allows the on-site professional to communicate visually with professionals located in any of our offices. Most importantly, these images can be transferred directly to the client's office enabling the client to see the same site issues being discussed.
- **Compatible computer systems** have enabled Terracon professionals to electronically transfer documents including AutoCAD design drawings and photographs to each other and to client offices. Compatibility means that project personnel can effectively communicate without document manipulation.
- **Terranet** is an internal Internet system for Terracon professionals. This system links each office and each individual to a central electronic depository for information. *Terranet* allows access to standard forms, technical articles, report formats, regulatory compliance issues, regulations, new technology issues, project experience, technical expertise matrix, accounting and invoicing functions, and internal memorandums. This is an excellent system for keeping teams informed on project progress and linking experts throughout our network of offices.

Terracon has highly experienced personnel with particular expertise in the areas of Environmental Planning Services and Documentation, Environmental Compliance Services, Environmental and Occupational Training, and Waste Management and Advisory Services. Resumes of personnel are available upon request.

Terracon may use subcontracted services to provide specialized services, supplement in-house expertise, or meet the Small Business Plan goals. In all cases, the subcontractor is pre-qualified to ensure that the firm is capable, experienced, financially secure, and maintains the required insurance.

Subcontracted firms are expected to perform to the same standards and commitments as Terracon on the assigned project. Contracts for the specified scope of work are prepared for each subcontractor for each major project. The contracts specify the scope of work; the project requirements such as schedule, quality, specifications, and insurance and bonding; and actions in the case of failure to repair. Terracon's assigned Task Manager has the first line of responsibility for ensuring that the subcontractor meets the contract requirements. Senior management also conducts performance criteria reviews and assists the Task Manager with implementing corrective procedures, if needed.

Terracon's subcontractor selection process is intended to identify quality and reliable teaming partners. However, Terracon will take appropriate actions in the event that the subcontractor fails to perform as expected. If necessary, subcontractors may be terminated from the project for reasons which include violations of health and safety requirements, misrepresentations, failure to meet project quality standards, acts of negligence, unlawful acts, and failure to perform.

### **Quality Control**

Quality control is a critical responsibility for all employees at Terracon. Terracon is known for informed and responsible performance of duties by those working on projects, from field through management/administrative personnel.

Management and technical functions operate under Terracon's Quality Control/Quality Assurance (QA/QC) policy and procedures. The QA/QC program within Terracon assigns the responsibility of quality control to the project manager. The following elements of quality control are addressed during the project:

- Operational procedures
- Qualifications of personnel

- Condition and accuracy of instruments and equipment
- Standard materials
- Statistical evaluations
- Supervisory review of technical procedures and documents
- Use of control standards for evaluation of activities
- Sample identification, protection, chain-of-custody, storage and disposition
- Data recording, identification, security, checking, routing, filing and disposition

Terracon's Field Procedure Manual provides direction to staff and allows for accurate documentation of field services in all Terracon offices. Field data is assembled and checked by project engineering personnel prior to recommendation development. Site characterization work and design tasks are reviewed by senior management personnel to assure technical accuracy and conformance to client objectives.

Terracon has developed standard operating procedures for various tasks so that consistent quality information can be obtained for a variety of project sites. The procedures are considered guidelines for office managers, project managers, project engineers and scientists to provide direction to Terracon field personnel. The procedures are flexible to account for the variation that exists between offices in such things as state regulations and site conditions.

In addition to the field procedural guidelines, Terracon uses a two-step review process to produce reports and designs. The work product is typically first reviewed by the project manager and then by Terracon's Principal-in-Charge. Terracon's senior management carefully reviews the qualifications and experience of each potential document reviewer. Document reviewers are selected and authorized for specific disciplines and project types.

### **Training Requirements**

All Terracon employees who engage in hazardous waste operations receive 40-hour safety and health training in accordance with OSHA 29 CFR 1910.120 (e) prior to initial job assignment. Eight-hour refresher training tailored to Terracon operations, policies and procedures is also prepared and conducted annually. Additional safety and health related training, such as OSHA 10-hour Construction Safety Outreach courses, first aid/CPR and loss control presentations prepared by trade associations are provided to Terracon hazardous waste operations personnel.

Terracon's professionals are trained and accredited, as required, to perform the requested services. This may include lead-based paint and asbestos containing building materials surveys, development of management plans, and design and preparation of abatement specifications. The company strongly supports and encourages continuing professional education and training to ensure that our professionals remain current in the areas of both technical and regulatory advances. As part of Terracon's on-going commitment to quality, professionals receive in-house technical and managerial training conducted by senior professionals for the various service areas offered by Terracon.

## **ENVIRONMENTAL ADVISORY SERVICES**

Services offered by Terracon under the Environmental Advisory Services Contract are provided with the Federal Supply Class (FSC) 899. FSC 899 is further classified by SINs. The SINs listed below are examples of the types services and tasks that Terracon can provide under our Environmental Advisory Services Contract. Please note that these examples are not meant to exclude or limit environmental services under this schedule, except those expressly prohibited by the schedule.

### **SIN 899-1 – Environmental Planning Services & Documentation**

A carefully considered review of environmental concerns provides a framework for both development and conservation of natural resources. Terracon personnel have conducted many multi-disciplined analysis, planning and design projects related to natural resources. Terracon has provided these services for pipeline construction, telecommunication installations, railroad construction, third-party property transfers, government renovation projects, transportation corridor studies, master plans for municipal development, drainage systems, water supply projects and public utility projects.

Terracon can provide:

- Environmental Impact Assessments
- Inventory and report impact of proposed activities to natural systems using global positioning
- Linear Routing and Project Siting Studies
- Access regulatory constraints and develop a weighted, valued framework for site/route
- Threatened and Endangered Species Studies
- Review existing data and field verify the occurrence of protected species
- Natural Resources Management Plans
- Develop a comprehensive approach to site development based on protection of rare habitat and enhancement of degraded systems
- Wetland Determination, Delineation and Planning
- Jurisdictional wetland boundary mapping and resource permitting
- Constructed Wetlands and Mitigation Design
- Prepare specifications, construction documents and project administration
- Cultural and Archaeological Reviews
- Prepare a baseline of existing resources and investigate additional areas of concern

Terracon can provide environmental management activities and planning services and preparation of the documentation related to these services. Terracon has developed a proprietary Environmental Management System, *Task Manager™*, which could be implemented at various facilities to assist environmental track and meet reporting requirements as required by the facility's permits.

As requested by the ordering agency, Terracon can provide the following services:

#### **Environmental Impact Statements & Assessments under the National Environmental Policy Act**

- Perform activities such as data identification, data collection (including site visits and interviews), data development, and data interpretation; sampling and analysis; preparation of human health risk and environmental impact evaluations and reports; preparation of expert testimony; and preparation of material for and attendance at public meetings and public hearings (including scoping meetings) and assisting federal agencies in planning and conducting national assessments of wastewater and sludge.

**Endangered Species, Wetlands, Watersheds and other Natural Resource Management Plans, Studies and Consultations**

- Review existing reports and management plans; coordinate with U.S. Fish & Wildlife Service; contact appropriate State office for information; perform surveys; and use the results of data collection to prepare reports/maps.

**Archeological, Historic and other Cultural Resources Management Plans, Studies, and Consultations**

- Conduct resource surveys/studies; evaluate resource data; prepare appropriate nominations/reports; and prepare Management Plans.

**Economic, Technical, and Risk Analyses in Support of Environmental Needs**

- Conduct analyses of options under consideration for environmental actions; perform activities such as data collection, data development, analyses of comments, regulatory and economic analyses, feasibility analyses, hazard assessments, exposure assessments, and risk analyses.

**Environmental Program Management**

- Manage environmental programs including program/project planning, management support, technical document review, quality assurance oversight, community relations/outreach support, data collection, data development, including environmental justice issues, environmental web site development, ISO 14000 program development, or preparation of environmental program brochures and materials.

**Environmental Regulation Development**

- Assist in the development of environmental regulations, to include data collection, data analysis, publishing for public comments, analyzing and responding to public comments, holding public hearings, and finalizing regulations. Represent an agency by reviewing proposed environmental regulations and assisting in the development of comments, tracking the submission of these comments, representing the agency at public hearings, and reporting on the finalizing of the regulations.

**SIN 899-2 – Environmental Compliance Services**

Terracon provides assistance to private industry, utilities and government agencies on a broad range of regulatory issues including RCRA, CERCLA, CWA, CAA and OSHA. Our compliance specialists can assist our clients by researching a single regulatory issue or by performing comprehensive multi-jurisdictional regulatory compliance audits.

Terracon is available to assist in the management of regulated materials and wastes through the preparation of permit applications, development of chemical purchasing management systems, waste handling and minimization procedures and practical emergency response planning. Terracon will integrate public and employee safety considerations in establishing regulatory compliance goals, and will provide the mechanisms for tracking and maintaining continued compliance with those goals.

**Comprehensive Audits**

Terracon's regulatory compliance team will evaluate facilities for safety, health or environmental hazards to include asbestos, lead-based paint and mold. Our specialists help prepare facilities for a regulatory inspection or assist you by identifying areas of potential regulatory liability and recommending corrective measures to achieve compliance.

**Permitting Assistance**

Terracon helps guide our clients through the maze of regulatory permitting requirements. Our experienced compliance specialists can conduct emissions inventories and prepare Title V construction and operating permit applications. We also assist with RCRA Part B, NPDES, UST and other permitting challenges.

**Compliance Plans and Regulatory Reporting**

Terracon is available to develop material and waste management plans, design or upgrade facility contingency plans, SPCC plans or UST management plans. Terracon also assists in formulating risk management plans required under the Clean Air Act. The Terracon regulatory compliance team can also

assist with a variety of regulatory reporting tasks such as SARA Title III, Section 312 and Form R reporting, NPDES reporting and bi-annual RCRA hazardous waste reporting.

As requested, Terracon will provide professional consulting services related to environmental compliance. These services may include development of environmental regulations, interpreting environmental regulations, developing plans to meet environmental regulations, auditing to determine compliance with environmental regulations, and review of new technologies and automated systems in support of environmental compliance activities.

The range of type of professional consulting services related to environmental compliance may include:

#### **Environmental Compliance Audits**

- Determining applicable public law and statutes, agency and command regulations/directive, and other Federal, State and local regulations as required to conduct Environmental Compliance Audits. This may include evaluating our findings, preparing documentation and reports, and conducting out-briefings at the conclusion of the audit.

#### **Management Planning**

- Development of comprehensive Compliance Management Plans including policy, planning, implementation and operation, checking and corrective action, and management review.

#### **Pollution Prevention Surveys**

- Conducting pollution prevention surveys; developing pollution prevention plans; evaluating economic and technical feasibility of process changes and recycling alternatives; and creating databases to track progress in achieving pollution prevention goals.

### **SIN 899-3 – Environmental/Occupational Training Services**

Terracon can develop a variety of regulatory training programs tailored to the needs of the facility personnel. Terracon has successfully developed client-specific OSHA asbestos awareness, lock-out/tag-out, confined space entry and hazardous waste operations training programs, as well as RCRA spill response training programs. Our professionals work with the facility staff to develop training programs that are relevant to the facility personnel and their regulatory compliance needs.

Terracon can provide Environmental and Occupational Training Services in the areas of Environmental Planning & Documentation (SIN 899-1), Environmental Compliance (SIN 899-2), and Waste Management (SIN 899-4). A list of typical and relevant courses offered by Terracon is presented in the Cost Proposal section of this proposal. Terracon offers a variety of training formats which include general or conventional courses, and development of customized courses to meet the specific needs of the students, and computer-based interactive training courses. Follow-on technical support is available to the students after each training course.

### **SIN 899-4 – Waste Management Services and Software**

Utilizing our professional staff of environmental engineers, regulatory compliance specialists, chemists, hydrologists, geologists and risk assessment specialists, Terracon can conduct waste characterizations, identify applicable waste management regulations and devise compliance plans and alternatives that may include source reduction, materials recycling or commodities reclamation. Terracon's staff can also perform site assessments and feasibility studies to delineate the impacts from past waste disposal and storage practices and determine remedial design options.

As specified in issued Task Orders, Terracon will provide analyses of options under consideration for Waste Management Services by the requesting facility. These services may include: data collection; data development; analyses of comments; regulatory and economic analyses; feasibility analyses; hazard assessments; exposure assessments; and risk analyses.

Terracon's proposed services include development of waste characterization studies and recommendations for management strategy and identification of recycling options. These assessments may include studies relating to collection and transfer of waste; source reduction; and evaluation of fuel options.

In addition, Terracon will review available and emerging technologies for managing waste and automated systems for tracking and handling.

Terracon can be your most cost-effective team resource for the preparation of compliance documents such as permit applications for wastewater discharges or air emissions as well as plans for stormwater pollution prevention, chemical accident prevention, emergency response and closures of regulated units.

Terracon hazardous waste services include:

- Waste management planning
- Source reduction
- Materials recycling and reclamation
- Remedial assessments and feasibility studies
- Regulatory compliance documentation
- Regulatory agency negotiation support permitting
- Litigation support and expert witness services

Terracon's proposed services include: developing emergency response plans; establishing hazardous materials inventories and tracking systems; furnishing Material Safety Data Sheets (MSDS) by compact disc, on-line via internet, mail or facsimile (FAX); and providing reporting and compliance software such as hazardous materials tracking software and other related software/services.

### **SIN 899-8 – Remediation Services**

A carefully considered review of the environmental concerns and cleanup objectives provides a framework for both the development and implementation of remedial plans. Terracon personnel have conducted numerous environmental remediation projects involving all environmental media and a wide range of contaminant types, including but not limited to: asbestos, lead-based paint, mold, radon gas, hazardous wastes, biological wastes, radioactive materials, and reactive or unstable materials. These services have been provided for a variety of clients including local, state, and federal governmental agencies; public utilities and authorities; and commercial and industrial clients. As requested by the ordering agency, Terracon can provide the following services:

- Development of remedial plans that provide a cost-effective approach to achieving remedial objectives established for the project including life-cycle analyses;
- Construction and implementation of the selected remedial design; and
- Operations and maintenance (O&M) services as required to monitor the effectiveness of the remedial system or action and provide information regarding performance and achievement of the remedial goals.

The development of remedial plans may include remedial investigations under CERCLA, RCRA, USEPA Brownfield Program, Nuclear Regulatory Commission programs, and other environmental regulations.. Potential contaminants associated with impacted sites may include hazardous wastes, petroleum products, radioactive wastes, biological wastes, and explosive materials. Remedial actions may include natural attenuation, ex-situ and in-situ treatment, excavation and off-site treatment and/or disposal, contaminant stabilization, and containment technologies. Specific remedial activities may include, but are not limited to: subsurface barriers, such as slurry walls and cut-off trenches; stabilization and solidification technologies to reduce the mobility of contaminants; treatment technologies such as soil vapor extraction, air sparging, biosparging, groundwater extraction to physically or chemically remove contaminants from affected media; and removal activities such as excavation or dredging followed by ex-situ treatment and/or disposal at properly permitted facilities. Services provided by Terracon under SIN 899-8 also includes development and implementation of O&M plans including short and long term remedial systems and facilities such as groundwater/leachate collection and treatment, soil vapor/dual phase extraction, radiological

decontamination and treatment, and groundwater monitoring systems. Terracon can also review and evaluate the adequacy and effectiveness of existing systems.

## **ENVIRONMENTAL ADVISORY SERVICES LABOR RATES**

The following Federal Supply Schedule Price List applies to SINs 899-1, 899-2, 899-3, 899-4, and 899-8. The listed prices are valid for the period of May 19, 2000 through May 18, 2010. Discounts to the price list may be negotiated for large dollar volume task orders or long-term work for personnel assigned to the client's facility.

<b>Labor Category</b>	<b>Gov't. Hourly Rate</b>
Principal	<b>\$114.00</b>
Senior Project Manager	<b>\$92.00</b>
Project Manager	<b>\$74.00</b>
Project Engineer / Scientist	<b>\$69.00</b>
Staff Engineer / Scientist	<b>\$54.00</b>
Senior Technician	<b>\$44.00</b>
Staff Technician	<b>\$39.00</b>
Draftsperson	<b>\$39.00</b>
Clerical	<b>\$32.00</b>

### **SIN 899-3: Environmental / Occupational Training Services**

Provided below are environmental / occupational training courses offered by Terracon for SIN 899-3. The courses have been grouped by length (i.e., 1-hour, 2-hour, etc.). Pricing for each course type by course length is provided below.

#### **1-Hour Courses**

Compiling a Chemical Inventory Based on Storage and Use Data  
 Laboratory Compliance and the Chemical Hygiene Plan  
 Quantifying and Reporting Stack Emissions from Boilers

#### **2-Hour Courses**

Asbestos Hazard Awareness  
 Respiratory Protection  
 Hazard Communication and Employee Right-to-Know  
 Assessing Indoor Air Quality and Airborne Odors  
 Spill Prevention Control and Countermeasures  
 RCRA Training for Hazardous Waste Handlers  
 Evaluation of Lead-Based Paint  
 Ventilation Requirements For Laboratories With Toxic Substances  
 Evaluation of Gas Flows from Roof Exhaust Openings For Accurate Regulatory Reporting  
 Completing the SARA Title III Toxic Release Inventory

**3-Hour Courses**

Managing Building Remodeling Projects Involving Removal of Asbestos Containing Materials and Mercury and PCB Fixtures

**4-Hour Courses**

Confined Space Training

Qualifying and Quantifying Fugitive and Point Source Emissions From Chemical and Mechanical Processes

**8-Hour Courses**

The Environmental Permitting Process for New or Modified Sources

The Stormwater Permit Program

8-Hour OSHA HAZWOPER Refresher

**Environmental / Occupational Training Services Price List**

<b>Course Length</b>	<b>Base Price</b>	<b>Add'l Participants</b>
One Hour	\$1,210	\$38.80
Two Hour	\$1,430	\$48
Three Hour	\$1,645	\$48
Four Hour	\$1,865	\$98
Eight Hour	\$2,740	\$98

Notes:

Minimum number of participants per class: 10

Maximum number of participants per class: 20

Base Price based on minimum number of class participants.