

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. PR-HQ-06-13897/0003	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO. PR-HQ-06-13897	5. PROJECT NO. (if applicable)
6. ISSUED BY Environmental Protection Agency Bid and Proposal Room, Ariel Rios Building (3802R) 1200 Pennsylvania Avenue, N.W. Washington, DC 20460	CODE	7. ADMINISTERED BY (If other than item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(✓)	9A. AMENDMENT OF SOLICITATION NO. PR-HQ-06-13897
		✓	9B. DATED (SEE ITEM 11) 06/01/06
			10A. MODIFICATION OF CONTRACT/ORDER NO.
			10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this amendment is to respond to questions regarding the RFP which resulted in the following amendment. The due date for proposal submission has been extended from Wednesday, July 19, 2006 to Friday, July 21, 2006.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
<hr/> <i>(Signature of person authorized to sign)</i>		<hr/> <i>(Signature of Contracting Officer)</i>	

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV 10-83)
Prescribed by GSA
FAR (48 CFR) 52.243

AMENDMENTS TO THE SOLICITATION

1. The Section H clause entitled "INCIDENT COMMAND SYSTEM (ICS) TRAINING" has been added. The text is as follows:

All ten (10) Key Personnel shall have the ability to work under an ICS structure and Unified Command (IC), and shall be trained to the ICS 200 Level at time of award and shall complete the ICS 400 Level within 60 days of contract award.

2. The Section L clause entitled "TECHNICAL PROPOSAL INSTRUCTIONS" has been modified. The text is as follows:

I. General Instructions.

(a) The offeror's attention is directed to the provision in Section H of this solicitation entitled, RELEASE OF CONTRACTOR CONFIDENTIAL BUSINESS INFORMATION.

(b) As stated in FAR clause 52.215-1(f)(4), "The Government intends to evaluate proposals and award a contract without discussions with offerors (except clarifications as described in FAR 15.306(a)). Therefore, the offeror's initial proposal should contain the offeror's best terms from a cost or price and technical standpoint. The Government reserves the right to conduct discussions if the Contracting Officer later determines them to be necessary.

(c) Delivery of Written Submission:

All written submissions should be sent to:

Hand Delivered and Overnight Commercial Carriers

Environmental Protection Agency
Attn: Brooke Bernold, MC 3805 R
1300 Pennsylvania Avenue, NW
Washington, DC 20004

U.S. Mail Only

Environmental Protection Agency
Attn: Brooke Bernold, MC 3805 R
1200 Pennsylvania Avenue, NW
Washington, DC 20460

II. Proposal Instructions:

Offerors are advised to closely read the proposal instructions and evaluation criteria before preparing a proposal. Proposals will consist of both oral and written elements.

(a) General Instructions:

(1) The offeror shall submit a cover letter indicating that this proposal is its official offer to the Government. The letter must be signed by an official authorized to bind the offeror. The proposal shall be considered to be firm for a period of not less than 180 days from the due date of the solicitation.

(2) The Offeror shall provide an original and seven (7) copies for all written submissions. The Offeror shall also submit an original and seven (7) copies of the following plans:

Quality Management Plan
Corporate Health and Safety Plan
Conflict of Interest Plan
Interim Top Secret or Top Secret Facility Security Clearance (FCL) and Form DD441
Interim Top Secret or Top Secret Personnel Security Clearance (PCL) and Form DD254

(3) All submitted written material shall be prepared on standard 8.5" x 11" paper, single spaced, with foldouts as required. If foldout pages are used, they should not exceed 11" x 17". The offeror should utilize "two-sided" printing to the greatest extent possible. Pages must be numbered consecutively. Type size shall not be less than 10 CPI or 10 point and shall not be printed reduced in size.

(b) Proposal Approach:

(1) Oral Proposal

TECHNICAL ABILITY, PERSONNEL and CONTRACT MANAGEMENT shall be presented as an oral proposal with the exception of the written requirement outlined below.

The oral proposals will be scheduled by the EPA Contracting Officer (CO). The order of presenters will be drawn by lot by the CO and the CO will notify the offeror of the date and time of the oral proposal. The EPA reserves the right to reschedule oral proposals at the sole discretion of the CO. Requests from offerors to reschedule their proposals will not be entertained. We anticipate oral proposals will be held at the US Department of Transportation, John A. Volpe National Transportation Systems Center in Cambridge, MA. The oral proposals are tentatively scheduled for the week of July 31 through August 4, 2006 depending on the number of proposals received in response to this solicitation.

The offeror's proposed Project Manager and Key Personnel are required to make the oral proposals. In the event that the offeror has proposed a joint venture/partnership or Team Subcontractors, the offeror shall have representatives of any joint venture/partnership or Team Subcontractors at the oral proposal, if they are proposed as Key Personnel. No team personnel, other than Key Personnel, are authorized to attend the oral proposal. Ten Key Personnel are listed in the section H clause entitled, Key Personnel.

The offeror shall present TECHNICAL ABILITY, PERSONNEL and CONTRACT MANAGEMENT through the oral proposal process in accordance with the following guidelines. The offeror must provide a list of proposed significant subcontractors in the oral proposal and in the written display media.

Proposals will be held from 9:00 to 2:30PM. There will be a one (1) hour presentation, followed by a break not to exceed one (1) hour, during which time the Government will caucus to formulate questions for the offeror's presenters. The oral proposal will reconvene for no longer than one (1) hour for a question and answer session with the offeror. The oral proposal and the questions posed by the Government will be designed to elicit responses which clarify or confirm the Government's understanding of the information included in the offeror's oral proposal. During the questions-and-answer session, the Government will not engage in discussions and will not give the offeror an opportunity to revise any aspect of its proposal.

Following the question and answer session, the Pop Quiz questions will be distributed. There will be a break not to exceed an hour and a half, during which the offeror will formulate responses to the Pop Quiz questions. The answers to the Pop Quiz questions should be no longer than 1 hour.

All offerors will be asked the same questions related to the Performance Work Statement (PWS) tasks, which demonstrate the offeror's understanding and ability to perform the tasks identified in the PWS. The Contracting Officer will provide the offerors with the Pop Quiz questions at the start of the break and will collect the questions back from the offerors once the presentation of the Pop Quiz is complete. Use of telephones or other outside communications in preparing the response to the Pop Quiz will not be permitted. No communications devices will be allowed in the room.

Following the Pop Quiz presentation, the Government may request clarification of any points addressed which are unclear. Any such interchange between the offeror and the Government will be for the sole purpose of clarification only, and will not constitute discussions within FAR 15.306. The Government intends to award a contract without discussions. If the Government determines that discussions and revised offers are necessary, the offeror will not be permitted to make any revisions to the oral proposal or to the answers given by the offeror's team during the Pop-quiz portion, in writing or otherwise.

The offeror's entire oral proposal will be video taped by the EPA and will be disseminated to authorized personnel only within the EPA. The offeror is prohibited from taping or recording their own presentations.

The offeror may use power point presentations, charts, graphs or other display media during the oral presentation. The Government will not be providing a computer for the presentation. The Government will provide a podium, projector and projection screen; however, it is not the Government's responsibility to ensure compatibility with the contractor's equipment. If the offeror intends to incorporate display

media during the oral proposal, the offeror must provide the written submission in accordance with the instructions below (2) Written Proposal of this section. Copies of any display media must be provided at the beginning of the contractor's scheduled oral proposal. An original and seven (7) copies shall be provided. Changes will not be allowed or accepted after receipt of the proposal submission.

The oral proposal shall be given to the technical evaluation panel (TEP), which may include non-voting technical advisors to the TEP. The CO, the Contract Specialist, and an audio visual technician will be present. The oral proposal will be chaired by the CO. During the presentation the Offeror will be notified by the CO when 5 minutes are remaining for the scheduled presentation. The offeror shall submit a complete list of all individuals attending the oral proposal with its proposal.

(2) Written Proposal

The Standard Form (SF) 33, Solicitation, Offer and Award, shall be submitted with blocks 12 through 18 completed by the offeror. KEY PERSONNEL and PAST PERFORMANCE shall be a written submission submitted to the Contracting Officer by the date and time listed in block 9 of the SF 33. No cost or pricing data shall be included in the technical proposal.

i. KEY PERSONNEL

The Offeror shall submit resumes of all proposed Key Personnel. The resume shall demonstrate that the proposed personnel possess the qualifications (e.g., education and experience) necessary to successfully perform the PWS. Each resume shall not exceed four pages in length and must provide the following information:

- Level of education, degree(s) awarded, if any, and the field of study;
- Present job title, description, number of years in that position, and number of years experience in the field of expertise;
- Immediate supervisors for the past five years (in reverse chronological order) including the supervisor's name, business address, telephone number, and the employer's company name and address;
- Professional accomplishments in terms of relevant publications, honors, awards;
- Significant and relevant project experience;
- Experience in managing or supporting projects in areas similar to the requirements of the PWS; and,
- Signature of the individual and an authorized official of the offeror's firm.
- **Highest Level of ICS training completed.**
- Ability to schedule and coordinate several concurrent tasks;
- Ability to manage or support multi-contractor activities; and,
- Ability to perform contract administration functions

(Project Manager Only).

To the extent appropriate, resumes should address the candidate's leadership qualities, managerial capabilities, technical skills, and experience necessary for cost-effective, timely and quality participation in, and accomplishment or management of the requirements of the PWS.

For the purpose of this RFP, the following individuals are considered key:

- Project Manager
- Clinical Microbiology and Infectious Diseases
- Toxicology
- HVAC Engineer
- Operations Analysis, Planning and Policies
- Health Physicist
- Chemist
- Certified Industrial Hygienist
- Transportation & Disposal Specialist
- Environmental Health, Sampling and Monitoring Specialist

The offeror shall indicate which of the key personnel are employees of their company, which are proposed new hires, and which will be provided through subcontractors.

See Section L for Definitions of Labor Classifications that are provided to aid in preparing the technical and cost portions of the offeror's proposal. The proposal shall provide a cross-walk between the proposed technical and cost labor categories.

ii. PAST PERFORMANCE

The offeror shall submit the past performance information requested in the Section L clause entitled, PAST PERFORMANCE INFORMATION (EPAAR 1552.215-75) of this solicitation.

iii. TECHNICAL ABILITY, PERSONNEL & CONTRACT MANAGEMENT

The Offeror shall submit a general outline of the oral proposal that the offeror intends to use during the oral presentation.

iv. PLANS AND PROCEDURES

The following should be included under a separate tab entitled, "Plans and Procedures":

Quality Management Plan
Corporate Health and Safety Plan
Conflict of Interest Plan
Interim Top Secret or Top Secret Facility Security Clearance (FCL) and Form DD441
Interim Top Secret or Top Secret Personnel Security Clearance (PCL) and Form DD254

3. The Section M clause entitled "EVALUATION FACTORS FOR AWARD (EPAAR 1552.215-71) (AUG 1999)" has been modified. The text is as follows:

(a) The Government will make award to the responsible offeror(s) whose offer conforms to the solicitation and is most advantageous to the Government cost or other factors considered. For this solicitation, all evaluation factors other than cost or price when combined are significantly more important than cost or price.

(b) Evaluation factors and significant sub-factors to determine quality of product or service:

TECHNICAL ABILITY (Oral Proposal and Pop Quiz)
KEY PERSONNEL (Oral Proposal & Written Proposal and Resumes)
PAST PERFORMANCE (Written Proposal)
CONTRACT MANAGEMENT ABILITY (Oral Proposal)

The technical proposals will be evaluated on the above factors in descending order of importance using the rating scheme below.

Proposals will be evaluated using the following rating scheme:

0 = The factor is not addressed or is totally deficient and without merit.

1 = The factor is addressed, but contains deficiencies and/or weaknesses that can be corrected only by major or significant changes to relevant portions of the proposal, or the factor is addressed so minimally or vaguely that there are widespread information gaps. In addition, because of the deficiencies, weaknesses, and/or information gaps, serious concerns exist on the part of the Technical Advisory Panel (TEP) about the offeror's ability to perform the required work.

2 = Information related to the factors is incomplete, unclear, or indicates an inadequate approach to, or understanding of the factor. The TEP believes that there is question as to whether the offer would be able to perform satisfactorily.

3 = The response to the factor is adequate. Overall, it meets the specifications and requirements, such that the TEP believes that the offeror could perform to meet the Government's minimum requirements.

4 = The response to the factor is good with some superior features. Information provided is generally clear, and the approach is acceptable with the possibility of more than adequate performance.

5 = The response to the factor is superior in most features.

1. TECHNICAL ABILITY (Oral Proposal and Pop Quiz) **35 Points**

Offerors shall present and demonstrate their technical ability relevant to the Performance Work Statement (PWS) Attachment #1 and through responses to Pop Quiz scenarios through their presentation of an oral proposal. The Government will evaluate the offeror's technical ability to the PWS based on information provided in the offeror's oral proposal and response to Pop Quiz scenarios.

The Government will evaluate the offeror's technical ability by evaluating information provided by the offeror regarding performance of the tasks in the PWS including general requirements, personnel, technical information services, preparedness and response services, and safety and quality assurance. The Government expects the offeror to discuss how it would approach this work and handle/resolve any issues, thereby demonstrating knowledge of issues relating to the tasks listed in the contract PWS and any applicable regulations and statutes. The offeror's technical ability will also be evaluated based on its responses to the Pop Quiz scenarios. Specifically, the Government will evaluate the soundness of the offeror's technical approach and understanding/handling of the problems associated with performing the task(s) necessary in the scenarios and achieve the desired outcomes/goals, and the offeror's creativity and ingenuity in addressing the requirements of the scenario.

2. **KEY PERSONNEL (Oral Proposal & Written Proposal and Resumes)**
25 Points

The offeror will be evaluated on its demonstrated ability to provide key personnel with the qualifications listed in Section A of the Performance Work Statement (PWS) and the Section H Clause entitled, "KEY PERSONNEL." Specifically, during the oral proposal, the Government will evaluate the offeror's ability in the following areas:

- increase staffing to meet surge requirements;
- obtain, maintain, and integrate specialized labor;
- train and maintain a well-qualified staff;
- meet the basic and advanced radiation training requirements;
- provide staffing and retention plan for all personnel; and
- provide personnel with the ability to obtain Top Secret security clearance.

3. **PAST PERFORMANCE (Written) 20 Points**

The offeror will be evaluated based on information provided by its clients on its past performance under existing and prior contracts for similar products or services.

Past performance will be evaluated based on the past performance information presented in the offeror's proposal, information obtained through the past performance questionnaires, and information obtained by the Government through other sources. The Government will focus on information that demonstrates quality of performance relative to the size, complexity, and nature of the procurements similar to the procurement under consideration. References other than those identified by the offeror on the "Past Performance Questionnaires" may be contacted by the Government and used in the evaluation of the offeror's past performance.

The following items will be considered when evaluating the offeror's past performance:

- quality of products and services delivered;
- cost control;
- timeliness of performance; and
- business relations

Feedback received from references will be compared to each other to note differences and similarities, and the past performance evaluation will be based on all information obtained. Negative responses will only be disclosed to an offeror if discussions are held. Under no circumstances will the individual names of responding references be disclosed.

Offerors with no past performance history, whose past performance is not relevant, or for whom past performance data is not available, will not be evaluated either favorably or unfavorably on past performance. Every attempt will be made to ascertain meaningful past performance information on which the offeror's past performance can be evaluated. If an offeror does not submit the required past performance information, and EPA becomes aware that the offeror does have relevant past performance history, the offeror may be deemed ineligible for award.

4. CONTRACT MANAGEMENT ABILITY (Oral Proposal) **20 Points**

The offeror will be evaluated on its demonstrated ability to manage a large multi-disciplinary team for multiple tasks; manage cost by order and by task; meet documentation requirements as required in Section E of the PWS entitled, "Deliverables;" manage high volume, small dollar technical direction or other tasking documents requiring quick turnaround; and, communicate effectively with customers. **Included in this criterion is the ability to minimize costs such as travel to enhance contractor efficiency.** The offeror may demonstrate its ability to meet the requirements by explaining and demonstrating how similar requirements were satisfied and performed in the past.

4. The attachment entitled "PERFORMANCE WORK STATEMENT" has been modified. The text is as follows:

Performance Work Statement
Decontamination Analytical and Technical Services (DATS) Contract

I. BACKGROUND

The Decontamination Analytical and Technical Services (DATS) Contract supports the United States Environmental Protection Agency's (USEPA) National Decontamination Team (NDT) based in Cincinnati, Ohio. DATS utilizes government and contractor-owned equipment and facilities in greater Cincinnati area to provide analytical, technical and information management support to the NDT in conducting Agency missions under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act (SARA), Oil Pollution Act (OPA), Resource Conservation and Recovery Act (RCRA), Toxic Substances Control Act (TSCA), Clean Water Act (CWA), Clean Air Act (CAA), National Contingency Plan (NCP), Presidential Decision

Directives (PDD), the Federal Response Plan (FRP), the National Response Plan (NRP), Robert T. Stafford Natural Disaster Act and other legislative acts. NDTs services are provided in support of the Office of Solid Waste and Emergency Response (OSWER), EPA Regional On-Scene Coordinators (OSCs), Remedial Project Managers (RPMs) and other Agency groups. Technical support shall include a full-time support element in close proximity to the Cincinnati, Ohio, and Erlanger, KY facilities. **At a minimum, the five (5) key personnel, listed in Section II. A. Personnel, shall be located at the government furnished facility.** This contract entails site-specific work in the event of an incident of national significance as well as participation on exercises. International support for NDT may also be required should the USEPA be tasked to participate in consequence management for allies and partners outside CONUS as well as for ongoing technical research and collaboration.

The contract is divided into four requirements: Personnel, Technical Information Services, Preparedness and Response Services, and Safety and Quality Assurance. The contractor shall provide scientific and operational support to NDT including technical issues surrounding the sampling and analyses with subsequent decontamination and disposal of buildings, building contents (including evidence), public infrastructure (including waste/drinking water plants, chemical plants, power plants, subways, etc.), indoor environments, agriculture, and the associated environmental media (air, soil and water) in the aftermath of a Weapons of Mass Destruction (WMD) event or other catastrophic incidents of national significance. The contractor shall provide services in the following areas including but not limited to terrorist events; pre-deploying for special security events; delivering of scientific, engineering, and health and safety field support for decontamination activities at terrorist events or other large scale natural or man-made disaster events; assist in designing and managing mission-driven research and development targeted to enhance the capability to provide Chemical Biological Radiological Nuclear Explosive (CBRNE) agent detection, decontamination response and disposal support services at terrorist events; disseminating new capabilities; enhancing planning and preparedness activities for terrorist events; staying informed of current technologies and methodologies for CBRNE agent detection, decontamination and disposal; assist in developing and conducting training and exercises related to CBRNE agent detection, decontamination and disposal, and working within the Incident Command System (ICS). The contractor may be required to perform any of these services during Agency related preparedness and prevention or response efforts. Under this contract, work will be issued through individual task orders.

II. STATEMENT OF WORK

The Project Officer (PO) and/or Task Order (TO) Manager will approve all deliverables. The contractor shall use EPA's SCRIBE or other Agency approved environmental data management system to document all environmental sampling performed under this contract and deliver the resultant files to the PO as a project deliverable. This requirement applies to analytical data produced by in-house and by contract laboratories. Technical requirements for importing data into the SCRIBE system will be provided by NDT. The contractor shall use the

EPA OSC web resource provided by NDT as an information repository for all analytical data, deliverables, and related materials. Analytical data shall be submitted in a form suitable for import into SCRIBE, all other deliverables shall be submitted in Adobe PDF format. Access to the SCRIBE system and EPA OSC web resource and training will be provided by NDT. Individual websites will be created by NDT for each task order. Text-based reports shall be maintained in a searchable, indexed database; data shall be provided in Access data tables, Excel spreadsheets, or delimited text files; and images shall be provided as .JPG files. Other standard formats may be identified as necessary in addition to the above requirements.

The contractor shall provide sufficient personnel, equipment, and supplies in all categories necessary for support of NDT. All equipment must be compatible and interoperable. Equipment and supplies shall include, but are not limited to, vehicles, communication devices, information technology devices, health and safety equipment (e.g., personal protective equipment), etc.

A. PERSONNEL

The contractor shall provide staff including key personnel that have Top Secret (TS) Personnel Clearance (PCL) of personnel (at a minimum at time of contract award the contractor shall have an interim TS PCL), have advanced degrees or certifications, have experience in field operations, and maintain technical expertise in the following disciplines:

- Clinical Microbiology and Infectious Diseases - Provide expertise in microbial pathophysiology, epidemiology, clinical recognition, differential diagnosis, infection control policies and procedures, and diagnostic testing for a wide variety of microbial agents. Have strong and detailed familiarity with the current militarized agents as well as potential agents, such as SARS, Ebola, Marburg, etc. He/She should be sufficiently competent in the area of molecular genetics to appreciate the potential for the modification and selection of existing agents and the risks that entails.
- Toxicology - Broad scientific training in the basic sciences relating to toxicology as well as specialized experience and competence in those areas that most directly affect decontamination issues.
- Engineer - General experience in heating ventilation and air-conditioning (HVAC) systems and specialized experience in using transport models to predict the movement of agents through an HVAC system and in buildings. The engineer should have experience with several different indoor transport models and be familiar with the data collection needed to verify dispersion models. In addition, the engineer should be able to run outdoor dispersion modeling and know how the outdoor and indoor models will interact to create a holistic picture.
- Operations Analysis, Planning and Policies - Broad experience in the organization of complex and multi-organizational plans and policies; knowledge of the federal agencies, including DoD, including their missions and organizations; experience with operational

control, communications, logistics, and budgets. Experience in federal, state, and local government coordination.

- Technical Writing - Strong technical writing skills, as well as sufficient scientific knowledge to accomplish tasks with a high degree of independence.
- Health Physics - Specialized experience in the process of decontamination and restoration. Broad background to respond to the wide variety of agents, expert knowledge in regard to the appropriate instrumentation for detection, analysis, identification of the specific isotopes involved in any and all of the exposures scenarios that may occur as a result of a terrorist attack. Strong hands-on capacity for instrumentation use as well as theoretical and general knowledge.
- Environmental Health, Sampling, and Monitoring - Strong laboratory and analytical skills in the areas of environmental testing, analysis, and interpretation. Provide both hands-on expertise sufficient to support field testing operations; be able to adapt sample specimen extraction and processing from a variety of matrices, as well as a strong general and theoretical background. Aware of national assets for testing and have a working knowledge of the agencies and facilities involved.
- Transportation and Disposal Specialist - Strong knowledge of transportation and disposal options for CBRNE and HAZMAT materials and decontamination effluence. Knowledge of U.S. Department of Transportation regulations for transportation through multiple states. Background on state landfill regulations and landfill acceptance criteria.
- Analytical Chemist - Broad experience in both laboratory and field sampling and analytical methods. Experienced with designing, implementing and documenting research projects. Lesson planning, development, and presentation experience.
- Certified Industrial Hygienist - This person should be experienced in the development and implementation of a health and safety program as required under 29 CFR 1910.120 and other applicable regulations. The person must proficient in personal air monitoring and air sampling and SOPs for providing personnel with proper Personal Protective Equipment (PPE) (Levels A, B, C, and D) as required to conduct field activities at an INS, uncontrolled hazardous waste sites and at emergency response operations involving spills of oil and hazardous substances. They must also be proficient at the preparation and review of written Health and Safety Plans and other associated reports. They should be able to provide safety oversight and conduct safety audits in the field. Familiarity with safety as related to CBRNE weapons is also required. They should also be knowledgeable in many areas and be able to apply the basic theories, practices, and principals from scientific fields including biology, chemistry, hydrology, and geology. The person should be familiar with the planning, design, and implementation of solutions for site cleanup and the alleviation of damage caused by hazardous substances.

Of the ten (10) key personnel the following five (5) shall have either interim or final TS PCL under this contract at time of award: Project Manager/Program Manager, Clinical Microbiologist, Health Physicist, Analytical Chemist, and Certified Industrial

Hygienist. The remaining five (5) key personnel (Toxicologist; HVAC Engineer; Operations Analysis, Planning and Policy; Environmental Health, Sampling and Monitoring Specialist and Transportation & Disposal Specialist) are not required to have interim or final TS PCL under this contract. The NDT assists various agencies and requires access to TS information from within the EPA, the Department of Homeland Security, Federal Bureau of Investigation, Secret Service, and other Agencies and Departments.

B. TECHNICAL INFORMATION SERVICES

The contractor shall provide technical support and services in the following areas:

1. Information Management

The contractor shall collect, evaluate, compile, organize, and verify various types of technical and resource information existent in diverse formats and contexts and reformat as appropriate to ensure suitability for and subsequent input into a shared access database with EPA, Office of Environmental Management (OEM) and NDT members for both CBRNE and hazardous substances contamination analyses, decontamination planning and disposal arrangement purposes as well as for crisis management support. The following descriptions outline anticipated IT efforts to be performed under this contract either concurrently or consecutively as resources allow:

- a. Collaborate closely with and assist EPA Office of Environmental Information (OEI), OEM, and NDT personnel in the design and construction of an information portal and in the conceptualization, design, organization, and construction of a Decontamination Portfolio (Decon Portfolio) with associated databases, specialized information, and tools. The contractor shall provide all the information and research tasks that follow, unless otherwise directed, in a form suitable for efficient, convenient, reliable, and shared electronic access and use through the portal and Decon Portfolio. The Decon Portfolio will be a national response resource and will represent a capstone information management objective of this contract.
- b. Ongoing Decontamination Portfolio database management, input, and maintenance.
- c. Performing targeted technical literature searches including technical evaluations of new and existing methodologies, and techniques, tactics, and procedures (TTPs), related to extent of contamination analyses, decontamination sciences, disposal options and operations.

- d. Compilation and input of informational exchanges resulting from anticipated interactions with the research community (NHSRC).
- e. Collect, evaluate, compile, and organize specific information regarding threat agents of concern to EPA according to appropriate categorical venues including, but not limited to, risk assessment, health and safety, sampling, decontamination and disposal strategies.
- f. Arrange and implement inter-library loans.
- g. Collect, organize, format and input for distribution technical material such as reports, photos, slides, videotapes, audiotapes, CD-ROMs, CDs, DVDs, microfiche and other data for research and evaluation purposes.
- h. Evaluate and make recommendations for improvements to the IT and communications capabilities existent within EPA for suitability to modification and specialization to the NDT and OEM mission, as well as to enhance inter-agency coordination.
- i. Make evaluations and recommendations to EPA OEM/NDT and OEI regarding the development or incorporation of collaborative planning tools both within the Agency as well as for inter-agency use.
- j. Provide technical assistance to ensure that EPA OEM/NDT IT tools include a single Current Operational Picture web page that will serve as the Agency focal point for all crisis management. This web site should have robust real-time updating capabilities by field personnel from various EPA components and other government agencies. The tool should also act as an IT platform for displaying all related information in a fully integrated manner.

2. Technical Media Documentation and Development Support

The contractor shall edit and/or prepare technical bulletins, reports, documents (e.g., technical papers and site-related deliverables), and presentations to support reporting of the NDT mission and activities. Anticipated efforts under this requirement may include the following:

- a. Providing photo documentation of planning, preparedness and field operations including multi-format location and studio photography, processing and the production of color and/or black and white prints,

slides, copy negatives and enlargements.

- b. Operation of multi-media presentation equipment including slide projectors, video camera recorders, satellite downlinks, and other media presentation equipment.
- c. Provide video documentation of planning, preparedness and field operations including multi-format location and studio videography, concept and storyboard development, script preparation, editing, post-production work, and duplication of completed products.
- d. Provide real-time videography for common access in support of event coordination and management.

3. Technical Analysis Support

The contractor shall provide technical data gathering, processing, analyses, and management tools and services to support OEM/NDT program and field activities. The following descriptions outline the anticipated tools and services that may be tasked under this requirement as resources permit:

- a. Provide technical data processing and analyses including statistical analyses in support of emergency response actions, field projects, reports, and technical assessments.
- b. Provide technical drafting of field site plans, computer aided design drawings, and/or maps, including integration of geographical information system data where appropriate, etc. (utilizing EPA standard software such as ARC Info/ARC View, various commercially available software and task specified software).
- c. Consolidate gathered data, input the data and run transport models to predict contaminant dispersion in buildings through HVAC systems and do the same with other models for outdoor dispersion in the environment.
- d. Consolidate gathered data, input the data and run data processing programs for CBRNE sensing systems or networks designed for remote detection and location. (Currently the principal OEM/NDT remote sensing system produces infrared imagery and infrared spectrometer data collected from an airborne platform and processed using internally developed software and the Research Systems, Inc., ENVI® software package).

- e. Assist with the development and application of technical evaluation criteria for review of research plans and proposals.
- f. Review and evaluate technical research proposals for determinations of the adequacy and efficacy of the experimental design to provide accurate and statistically reliable validation of the test method.
- g. Assist in the development of criteria for the evaluation of decontamination methods, metrics and endpoint selection, and progress tracking as appropriate for agent specific scenarios.
- h. Assess needs, identify gaps, and make recommendations on the existing TTPs for decontamination.

C. PREPAREDNESS AND RESPONSE SERVICES

The contractor shall provide technical support and services for the following OEM/NDT programmatic activities:

1. Preparedness Activities Support

The contractor shall provide technical support for the development and updating of plans, operations, technologies, and assistance agreements focused on OEM/NDT program preparations for responses to CBRNE events and exercises. This work includes the gathering, evaluating and comparing of existing EPA and other federal, state, city and key local agencies or authorities concepts of operations, TTPs, and methodologies with respect to contamination sampling, assessment, mitigation, control, decontamination, restoration, re-occupancy criteria, and waste disposal. These planning reviews shall be considered as an end-to-end sequence of essential operations. The following descriptions outline in more detail various tasks anticipated under this requirement, subject to funding and resource availability:

- a. Developing decontamination and disposal plans (Concepts of Decontamination Operations including necessary TTPs) for classes of agents and including scaling factors for readily identifiable variables, i.e., population densities, and meteorological conditions. These plans should include the development of appropriate and relevant; management tools, decontamination debris sampling and analytical methods, pre-disposal criteria and approval checklists, quality control processes, and documentation procedures. The initial general class plan shall be designed as a template that can be easily modified to address specific agent response planning.

- b. Identify and evaluate existing and alternative decontamination technologies, techniques, tactics, and procedures for CBRN contaminants.
- c. Develop and implement methods to monitor and track the progress of decontamination operations, waste characterization, and disposal activities.
- d. Identify, compile, and update a prioritized list of high-risk agents.
- e. Capable to work under an ICS structure and Unified Command (IC). ICS training should be no less than at the **200 Level at time of award**.
- f. Develop plans to support ICS/Incident Management Team (IMT) staffing needs during a large and prolong decontamination response.
- g. Develop guidelines for safe and effective analysis, treatment, collection, neutralization, and disposal of decontaminated materials and decontamination waste by-products.
- h. Develop, enhance, and support guidance and training for sampling kits, devices, or other tools used to identify, measure, or neutralize, agents of concern in all media.
- i. Provide technical support and training on decontamination of equipment, buildings, outdoor areas, and agricultural sites.
- j. Develop and implement preparedness activities for transportations systems (i.e., airports, subways, bus terminals).
- k. Design bench scale decontamination testing methods in cooperation with Office of Research and Development (ORD), other agency research and development organizations and the National Homeland Security Research Center (NHSRC).
- l. Determine performance efficiencies/efficacies for treatment technologies in accordance with EPA Treatability Study Guidelines to include estimation of final achievable concentrations and percent removals given varying initial concentrations.
- m. Research potential partnerships and/or agreements and share information with Federal, state and local organizations as directed. This includes

developing active liaisons with key state and city or other local partners who may be active in the development and implementation of such concepts of operations, regulatory disposal approvals, and TTPs.

- n. Provide appropriate and EPA-compatible levels of protection to all personnel.
- o. Assist in the development and implementation of EPA/contractor Level A training exercises, including classroom and field components designed to reinforce basic emergency response skills and to enhance interactions as part of an integrated team.
- p. Develop a training course on how to decontaminate people to train emergency responders.
- q. Assist with the design and review of response plans related to terrorist incidents, natural and industrial CBRNE disasters, and hazardous waste sites including procedures, for containment and clean up, decontamination of equipment and buildings, personnel safety and monitoring, and final disposal.
- r. Develop recommendations for contingencies involving high mass/ high volume disposal requirements, including a comparative assessment such of such alternative methods of disposal as chipping, grinding, incineration, or burial in landfills.
- s. Evaluate and provide critical comparison of indoor and outdoor transport models and remote sensing techniques for use in emergency response and decontamination scenarios.

2. Risk Assessment and Risk Communications

- a. The contractor shall perform pre-planned Risk Assessments in accordance with the following guidance: EPA's Ecological Risk Assessment for Superfund: Process for Designing and Conducting Ecological Risk Assessments and the most current version of the Risk Assessment Guidance (RAG) for Superfund, Volume 1 - Human Health Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessment).
- b. The contractor shall gather and evaluate appropriate incident specific variables, toxicological, human health and ecological threat information

and data to assist in developing quick turnaround, event specific risk assessments.

- c. The contractor shall assist in the development and implementation of risk communication plans and tools.
- d. The contractor shall provide support and services, as needed for presentation of risk assessments to the public through various communication media.
- e. Design and implement technical options for conducting and evaluating risk assessment, environmental assessment and multi-media extent of contamination assessment to include environmental impact and bioavailability of contaminants.

3. Response Activities

The contractor shall provide technical and logistical support and services for field deployments required under the OEM/NDT mission and its various authorities. The primary field activities anticipated under this contract are; response to an agent release event, exercises, drills, and field studies performed under one of the above requirements. The following are detailed descriptions of anticipated response support activities under this requirement that may be tasked as funding and resources permit:

- a. Arrange for and/or conduct engineering studies related to decontamination operations and methods during emergency response activities and at hazardous waste sites.
- b. Arrange for and/or conduct site mapping and surveying, which may include: soil gas surveys, groundwater flow modeling, x-ray fluorescence surveys, surface geophysical surveys, and down-hole camera studies.
- c. Assist with the design and review of response plans related to terrorist incidents, natural and industrial CBRNE disasters, and hazardous waste sites including procedures for containment and clean up, decontamination of equipment and buildings, personnel safety and monitoring, and final disposal.
- d. Develop recommendations for contingencies involving high mass/ high volume disposal requirements, including a comparative assessment such of such alternative methods of disposal as chipping, grinding, incineration, or burial in landfills.

- e. Arrange for and/or perform multi-media environmental sampling, indoor air investigation, and forensic evidence collection in coordination with OSC and other Federal, State and local agencies.
- f. Arrange for and/or perform CBRNE sampling and analyses for verification of decontamination methods employed at a response to an event or as a component of a field study.
- g. Compile and present data to NDT personnel or Environmental Clearance Committee
- h. Arrange for and/or conduct building engineering studies and evaluations, such as heating, ventilation and air conditioning (HVAC) systems, structural integrity, indoor dispersion modeling, and materials.
- i. Perform emergency response functions at CBRNE or hazardous substance releases; maintain 24-hour, 7-days/week emergency response capabilities for mobilization of equipment and personnel within six hours of notification.
- j. Maintain capability to respond to Level A contingencies and all other levels as required.
- k. Provide appropriate level of personal protective equipment and decontamination methods; provide expert guidance and recommendations on CBRNE response equipment, technologies, and protocols; and, assist in coordinating with key federal partners.
- l. Arrange for and/or perform predictive modeling (meteorological and hydrographical) for short and long-term fate, transport, and migration impacts.
- m. Arrange for and/or perform surveys of meteorological conditions at appropriate points within and adjacent to affected areas and outdoor dispersion modeling.
- n. Arrange for and/or perform field data collections to assist with assessment of risk and environmental impact due to by-products generated during agent decontamination.
- o. Arrange for and/or provide for necessary on-site and off-site analytical

support.

- p. Prepare and ship dangerous goods packages containing samples or swipes with small amounts of CBRNE materials.
- q. The offeror will be evaluated on its demonstrated ability to provide technical support when determining whether sites require additional site assessment activities by collecting, recording, and analyzing detailed information about the site, and perform site discovery activities.

D. SAFETY & QUALITY ASSURANCE

1. Health and Safety

Contractor personnel shall satisfy all OSHA requirements for laboratory and field activity work during an NDT contractor deployment or task order. Services shall be provided in the following areas:

- a. Ensure that all activities performed meet NDTs health and safety requirements as outlined in applicable regulations and guidance documents such as 29 CFR 1910.120, EPA Standard Operating Safety Guides, U.S. EPA 1440 Series for Occupational Health and Safety, OSWER Policy, OSWER Integrated H&S Practices: For Field Personnel.
- b. Assist in preparing and implementing a health and safety program for contractor personnel involved in work at uncontrolled hazardous waste sites per 29 CFR 1910.120/126 and EPA Standard Operating Safety Guides and Occupational Health and Safety 1440 series.
- c. Provide all individual health, safety, and protective equipment for contractor personnel required to conduct field activities as outlined in Exhibit C.
- d. Maintain records as required by 29 CFT 1910.120 for contractor and sub-contractor personnel during an NDT deployment.
- e. Provide necessary background information, content review, and recommendations for the development of Occupational Health and Safety Standard Operating Procedures (SOPs) in accordance with 29 CFR 1910.120 response activities and for site-specific health and safety plans, decontamination of equipment, personnel safety, and monitoring.

- f. Arrange for and/or perform on-site assessments of operational health and safety site conditions regarding CBRNE during response and recovery operations.

2. Quality Assurance/Quality Control

The contractor shall be required to evaluate each tasking for the applicability of environmental data collection quality assurance and quality control requirements. For those activities that apply the contractor shall follow the appropriate guidance as follows in section a. below. Further details on additional QA/QC activities anticipated to be assigned can be found in the sections following a.:

- a. Develop and maintain quality assurance measures, including SOP's, for field activities consistent with Agency requirements as stated in EPA QA/R-5 and OSWER Directive #9360.4-01.
- b. Provide technical options and recommendations to support development of QA Technical Bulletins.
- c. Improve existing QA/QC methods for ensuring the progress of decontamination activities.
- d. Develop a QA/QC plan that will ensure satisfactory performance of all decontamination related operations and end-points.

E. DELIVERABLES

For the contract, the contractor shall provide monthly progress reports depicting all activities performed the current month, activities planned for the next month and a financial statement depicting current month's expenditures, cumulative expenditures and budget. The report shall be delivered to the Project Officer and Contracting Officer in .PDF format via email.

Additional deliverables will be specified in individual work orders. They include but are not limited to the following:

1. Bi-Weekly Progress Updates
2. Decontamination Technology Research Reports
3. Preliminary and Final Data Analyses Reports
4. Technology Review and Assessment Reports
5. Preparedness and Response Plans

6. Concept of Operations Plans
7. Data Summaries
8. Risk Analyses and Communications Plans
9. Engineering Reports, Drawings, Surveys and Maps
10. Cost Analyses Documents
11. Technical Bulletins and/or Pamphlets
12. Public Communication Bulletins and/or Pamphlets

Exhibit A
STATUTORY and REGULATORY FRAMEWORK
SUPERFUND - GENERAL

This list is a representative sample and is not intended to be all-inclusive.

1. Laws - Statutes
 - " Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund) (1980), (42 U.S.C. s/s 9601 et. seq.), as amended
 - " Superfund Amendments and Reauthorization Act (SARA) (1986)
 - " Community Environmental Response Facilitation Act (CERFA) (1992)

- " Asset Conservation, Lender Liability, and Deposit Insurance Protection Act of 1996 (1996)
 - " The Small Business Liability Relief and Brownfields Revitalization Act (2002)
 - " Clean Water Act (CWA) (1972), (33 U.S.C. s/s 1251 et. seq.) - particularly Section 311
 - " Oil Pollution Act (OPA) (1990)
 - " Resource Conservation and Recovery Act (RCRA), particularly Subtitle I
 - " Emergency Preparedness and Community Right-to-Know Act (EPCRA)
 - " Robert T. Stafford Natural Disaster Act (Stafford Act), (42 USC 5121, et. seq.), as amended
 - " Homeland Security Act, Public Law 107-296
 - " Clean Air Act, (42 USC 85), as amended
2. Code of Federal Regulations (CFR)
 - " National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 CFR Part 300
 3. Federal Registers (significant notices)
 - " 50 FR 47912; November 20, 1985 - NCP Final Rule (revisions added by CERCLA)
 - " 55 FR 8666; March 8, 1990 - NCP Final Rule (revisions added by SARA)
 - " 59 FR 47384; September 15, 1994 - NCP Final Rule (revisions added by OPA)
 4. Presidential Decision Directives (PDD)
 - " PDD - 39, U.S. Policy on Counter terrorism, June 21, 1995
 - " PDD - 62, Protection Against Unconventional Threats to the Homeland and Americans Overseas, 22 May 1998
 - " PDD - 63, Critical Infrastructure Protection, 22 May 1998
 5. National Response Plan (NRP), December 2004, Supersedes Federal Response Plan (FRP), 9230.1-PL, Supersedes FEMA 229 (April 1999), January 2003
 6. Policies and Guidance
 - " CERCLA/Superfund Orientation Manual, EPA Document Number: 542-R-92-005, URL: <http://www.epa.gov/superfund/action/guidance/remedy/remedies/principles.htm>
 7. Other References and Resources
 - " Superfund Home Page, URL: <http://www.epa.gov/superfund>
 - " Superfund 20th Anniversary Report, URL: <http://www.epa.gov/superfund/action/20years/index.htm>

DISCOVERY & NOTIFICATION

1. Laws - Statutes

- " Section 103 of CERCLA as amended
 - " Section 304 of the Emergency Planning and Community Right-to-Know Act (EPCRA)
 - " (1986)
 - " Section 311 of CWA, as amended by the OPA
2. CFR
 - " 40 CFR Part 302 - Designation, Reportable Quantities, and Notification
 - " 40 CFR Part 355 - Emergency Planning and Notification
 - " 40 CFR Part 110 - Discharge of Oil
 - " 40 CFR 300.405 - Discovery and Notification (Hazardous Substances)
 - " 40 CFR 300.300 - Phase 1 - Discovery or notification (Oil)
 3. Federal Registers (significant notices)
 - " 46 FR 22144 - April 15, 1981 - Hazardous Substances Notification of Treatment, Storage and Disposal Facilities
 - " 50 FR 13456 - April 4, 1985 - Release Notification Requirements for CERCLA
 - " 52 FR 13378 - April 22, 1987 - Release Notification Requirements for EPCRA
 - " 55 FR 45039 - August 25, 1993 - Oil Discharge Regulations
 - " 61 FR 7421 - February 28, 1996 - Oil discharge Regulations
 4. Other Resources
 - " Emergency Response Program Reporting Triggers URL:
<http://www.epa.gov/superfund/programs/er/triggers/index.htm>.

REMOVAL PROCESS

1. Laws - Statutes
 - " Sections 101 and 104 of CERCLA (definition of and authority for removal response)
 - " Section 113 of CERCLA (documentation requirements)
 - " Section 311 of the CWA, as amended by the OPA
2. CFR
 - " 40CFR 300.410 - Removal Site Evaluation (Hazardous Substances)
 - " 40 CFR 300.415 - Removal Action (Hazardous Substances)
 - " 40 CRF Part 300 Subpart D - Operational Response Phases for Oil Removal
3. Federal Registers (significant notices)
 - " 55 FR 8666: March 8, 1990 - NCP Final Rule (revisions added by SARA)
 - " 59 FR 47384: September 15, 1994 - NCP Final Rule (revisions added by OPA)
4. Policies and Guidance
 - " Superfund Removal Procedures OSWER, Directive Number: 9360.0-03B

- " Guidance on Conducting Non-Time Critical Removal Actions under CERCLA, Document Number: EPA 540-R-93-057, OSWER Directive Number: 9360.0-32
- " Guide to Developing Action Memorandums, OSWER Directive Number: 9360.3-01FS
- " Model Program for Removal Site File Management, OSWER Directive Number: 9360.2-01
- " Superfund Fact Sheet: The Removal Program, OSWER Directive Number: 9320.0-05FSg
- " Consideration of ARARs during Removal Actions, OSWER Directive Number: 9360.3-02 FS

5. Other Resources

- " Superfund Office of Emergency and Remedial Response, <http://www.epa.gov/superfund/partners/oerr/index.htm>

COMMUNITY INVOLVEMENT

1. Laws - Statutes

- " Section 113 of CERCLA

2. CFR

- " 40 CFR 300.415(n) - Community Relations in Removal Actions
- " 40 CFR 300.430(c) - Community Relations in Remedial Actions
- " 40 CFR 300.430(e)(2)(iv) - Technical Assistance for Communities
- " 40CFR 300.800 - Administrative Record

3. Federal Registers (significant notices)

- " 55 FR 8666; March 8, 1990 - NCP Final Rule (revisions added by SARA)

4. Policies and Guidance

- " Superfund Community Involvement Handbook, Document Number: 540-K-01-003
- " Superfund Removal Procedures: Public Participation Guidance for On-Scene Coordinators: Community Relations and the AR, OSWER Directive Number 9360.3-05
- " Risk Assessment Guidance for Superfund: Volume 1, Human Health Evaluation Manual, Part A: Community involvement in Superfund Risk Assessments, Document Number: EPA 540-R-98-042
- " Superfund Technical Assistance Grants, OSWER Directive Number: 9230.1-05FSA

5. Other Resources

- " Superfund Community Involvement Home Page URL: <http://www.epa.gov/superfund/action/community/index.htm>

Human Health/Ecological Risk Assessment

For Baseline Human Health Risk Assessments:

Risk Assessment Guidance for Superfund (RAGS), Volume I: Human Health Evaluation Manual: Part A, Baseline Risk Assessment. Interim Final. December 1989. EPA 540/1-89/002. NTIS PB90-155581.

Supplement to Part A: Community Involvement in Superfund Risk Assessments. March 1999. EPA 540-R-98-042. OSWER Directive 9285.7-01E-P. NTIS PB99-963303.

Part B, Development of Risk-Based Preliminary Remediation Goals. December, 1991. EPA 540/R-92/003. OSWER Directive 9285.7-01B. NTIS PB92-963333.

Part C, Risk Evaluation of Remedial Alternatives. December 1991. EPA/540/R-92/004. OSWER Directive 9285.7-01C. NTIS PB92-963334.

Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments. January 1998. EPA 540-R-97-033. OSWER Directive 9285.7-01D. NTIS PB97-963305.

Risk Assessment Guidance for Superfund, Volume III - Part A, Process for Conducting Probabilistic Risk Assessment. December 2001. EPA 540-R-02-002. OSWER Directive 9285.7-45. NTIS PB2002 963302.

Supplemental Guidance to RAGS: Calculating the Concentration Term. June 22, 1992. OSWER Directive 9285.7-08I.

Standard Default Exposure Factors. Interim Final. OSWER Directive 9285.6-03. March 25, 1991.

Final Guidance Data Usability in Risk Assessment (Part A). April 1992. OSWER Directive 9285.7-09A. NTIS PB92-963356.

Guidance for Data Usability in Risk Assessment (Part B). May 1992. OSWER Directive 9285.7-09B. NTIS PB92-963362.

Dermal Exposure Assessment: Principles and Applications. January 1992. EPA 600/8-91/011B.

Exposure Factors Handbook, Volume 1. 1997. EPA/600/P-95/002Fa.

Exposure Factors Handbook, Volume 2. 1997. EPA/600/P-95/002Fb.

Exposure Factors Handbook, Volume 3. 1997. EPA/600/P-95/002Fc.

Air/Superfund National Technical Guidance Study Series, Volumes I, II, III, and IV.

1989. EPA 450/1-89-001,002,003,004.

Final Soil Screening Guidance, May 17, 1996. Soil Screening Guidance User's Guide. Office of Solid Waste and Emergency Response. EPA/540/R-96/018.

Soil Screening Guidance: Technical Background Document. EPA 540/R-94/126.

EPA Risk Characterization Program. Memorandum from Administrator Carol Browner. Office of the Administrator, Washington, DC. March 21, 1995.

Provisional Guidance for Quantitative Risk Assessment of Polycyclic Aromatic Hydrocarbons. Office of Research and Development, Washington, DC. EPA/600/R-93/C89.

PCBs: Cancer Dose-Response Assessment and Application to Environmental Mixtures. Office of Research and Development, Washington, DC. EPA/600/P-96/001A.

Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities. July 14, 1994. OSWER Directive 9355.4-12.

Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. December 2002. OSWER Directive 9285.6-10.

For Baseline Ecological Risk Assessments:

Guidelines for Ecological Risk Assessment, Final. April 1998. EPA/630/R-95-002F.

Ecological Risk Assessment Guidance for Superfund, Process for Designing and Conducting Ecological Risk Assessments. June 1997. EPA/540-R-97-006. OSWER Directive 9285.7-006. NTIS PB97-963211.

Ecological Risk Assessment / Management Principles. October 1999. OSWER Directive 9285.7-28P.

Ecological Assessment of Hazardous Waste Sites: A Field and Laboratory Reference Document. EPA 600/3-89/013. March 1989.

EcoUpdate: Intermittent Bulletins, Supplemental Guidance to RAGS, Vol. II. EPA Publications 9345.0-051.

Exhibit B

ACRONYMS

ARARs Applicable or Relevant and Appropriate Requirements

CAA Clean Air Act

CBRNE Chemical, Biological, Radiological, Nuclear, and Explosive

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act of 1980

CERCLIS Comprehensive, Environmental Response, Compensation & Liability System

CFR Code of Federal Regulations

CLP Contract Laboratory Program

CO Contracting Officer

COR Contracting Officer's Representative

CWA Clean Water Act

EOC Emergency Operation Center

EPA Environmental Protection Agency

ERNS Emergency Response Notification System

FRP Federal Response Plan

GIS Geographical Information System
HVAC Heating, Ventilation, and Air-Conditioning
ICS Incident Command System
IMT Incident Management Team
NCP National Oil and Hazardous Substances Pollution Contingency Plan
NDT National Decontamination Team
NRP National Response Plan
NTA Non-Traditional Agent
OEI Office of Environmental Information
OEM Office of Environmental Management
OPA Oil Pollution Act
OPP Oil Pollution Prevention
OSC On-Scene Coordinator
OSHA Office of Safety and Health Administration
OSWER Office of Solid Waste and Emergency Response
PPE Personal Protection Equipment
PDD Presidential Decision Directives
PO Project Officer
QA Quality Assurance
QAPP Quality Assurance Project Plan
QC Quality Control
RPM Remedial Project Manager
RCRA Resource Conservation and Recovery Act
SARA Superfund Amendments and Re-authorization Act
SPCC Spill Prevention Controls and Countermeasures
TSCA Toxic Substances Control Act
TTP Techniques, Tactics, and Procedures
UC Unified Command
WMD Weapons of Mass Destruction

Exhibit C

PERSONAL PROTECTIVE EQUIPMENT TYPES BY LEVELS

Personal Protection Equipment requirements are determined by the NIOSH/OSHA USCG/and the EPA Occupational-Safety and Health Guidance Manual for Hazardous Waste Site Activities, issued in October 1985. Additional guidance is given in EPA Standard Operating Safety Guides, Publication 9285.1-03, dated June 1992. These guidance documents or their updated versions will be the final determination for personal protection guidance in this contract. All equipment associated with a particular level of protection, or modified level of protection, is to be supplied by the contractor for each site. Details of the appropriate level of protection will be covered in the HASP.

In an explosive atmosphere, intrinsically safe equipment is a requirement. Optional equipment must be available, depending upon site exigencies.

1. LEVEL A 1, 2
- " Pressure-demand, 4500 psi self contained breathing apparatus (MSHA/NIOSH approved)
 - " Fully encapsulating chemical-resistant suit
 - " Coveralls*

- " Underwear, long cotton underwear*
- " Gloves (outer), chemical-resistant
- " Gloves (inner), chemical-resistant
- " Boots, chemical-resistant, steel toe and shank (Depending on suit boot, worn over or under suit boot)
- " Hard hat* (under suit)
- " 2-way radio communications (intrinsically safe)
- " Disposable protective suit, disposable gloves, and disposable boots* (Worn over fully Encapsulating suit)

2. LEVEL B

- " Pressure-demand, self-contained breathing apparatus (MSHA/NIOSH approved)
- " Chemical-resistant clothing (overalls and long sleeve jacket; coveralls; hooded, one or two-piece chemical-splash suit; disposable chemical-resistant coveralls)
- " Coveralls*
- " Gloves (outer) chemical-resistant
- " Gloves (inner) chemical-resistant
- " Boots (outer) chemical-resistant, steel toe and shank
- " Boots (outer) chemical-resistant (disposable)*
- " Hard hat (face shield*)
- " 2-way radio communication (intrinsically safe)

3. LEVEL C

- " Full-face, air purifying respirator (MSHA/NIOSH) approved)
- " Chemical-resistant clothing (one piece coverall; hooded, two piece chemical splash suit; chemical resistant hood and apron; disposable chemical resistant coveralls)
- " Coveralls*
- " Gloves (outer) chemical-resistant
- " Gloves (inner) chemical-resistant
- " Boots, steel toe and shank, chemical-resistant
- " Boots (outer) chemical-resistant (disposable)*
- " Hard hat (face shield*)
- " Escape mask*
- " 2-way radio communications (intrinsically safe)

4. LEVEL D

- " Coveralls
- " Gloves
- " Boots/shoes, safety or chemical-resistant steel toe and shank
- " Boots (outer) chemical-resistant disposable*
- " Safety glasses or chemical splash goggles*
- " Hard hat (face shield)*

" Escape mask*

Notes:

1. Must also meet the NFPA Standard 1991 as amended in 1994 (and as subsequently updated).
2. Offerors shall maintain an adequate supply of Level A protective gear for both industrial chemical and chemical and biological warfare agent responses.
* Optional at the discretion of the OSC or RPM.

5. The attachment entitled "AMENDMENT #3 RESPONSES TO QUESTIONS" has been added. The text is as follows:

Amendment #3
Responses to Questions
Decontamination Analytical and Technical Services
PR-HQ-06-13897

- Q1. In reference to Q56. of Amendment #2 and to Attachment #1 PWS Section I., does the Government require all 10 key personnel to be located at the Government facility.
- A1. The requirement that all 10 Key Personnel be located at the Government facility has been amended to require that at a minimum, the five (5) key personnel, listed in Section II. A. Personnel, shall be located at the government furnished facility. Section I of the PWS has been amended accordingly.
- Q2. In reference to Q54. Of Amendment #2 and to Attachment #1 PWS Section II. A. Personnel, are all 10 of the key personnel required to have at least interim Top Secret PCL at time of award?
- A2. The requirement for all 10 key personnel to have interim Top Secret PCL at time of award has been amend to require that, of the ten (10) key personnel the following five (5) shall have either interim or final TS PCL under this contract at time of award: Project Manager/Program Manager, Clinical Microbiologist, Health Physicist, Analytical Chemist, and Certified Industrial Hygienist. The remaining five (5) key personnel

(Toxicologist; HVAC Engineer; Operations Analysis, Planning and Policy; Environmental Health, Sampling and Monitoring Specialist and Transportation & Disposal Specialist) are not required to have interim or final TS PCL under this contract. Section II. A. of the PWS has been amended accordingly.

- Q3. In reference to Attachment #1 PWS Section II. C. 1. e., does the Government require all personnel to be trained at the ICS 400 Level?
- A3. The requirement for personnel to be trained at the ICS 400 Level has been amended to require that the Key Personnel be trained to the ICS 200 Level at time of award and to be trained to ICS 400 Level within 60 days of contract award. Section II. C. 1. e. of the PWS has been amended accordingly and a Section H. clause entitled, Incident Command System (ICS) Training has been added.

NOTE:

Guidance on labor distribution for the cost proposal has been requested. This information will be provided in Amendment #4 which will be released early the week of July 3, 2006.