

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE J		Page 1 of 33
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE July 9, 2003	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) Cincinnati, OH Grand Forks, ND	
6. ISSUED BY DEFENSE ENERGY SUPPORT CENTER 8725 JOHN J. KINGMAN RD., SUITE 4950 FT. BELVOIR, VA 22060-6222 BUYER/SYMBOL – CARRIE L. CROSS/DESC-FPA PHONE - (703) 767-9331 FAX - (703) 767- 9338 Email – Carrie.Cross@dla.mil	CODE SCO600	7. ADMINISTERED BY (If other than Item 6) CODE	SCO600	
8. NAME AND ADDRESS OF CONTRACTOR (NO., street,city,county,State,and ZIP Code)	9a. AMENDMENT OF SOLICITATION NO. SP0600-03-R-0085	9b. DATED (SEE ITEM 11)	10a. MODIFICATION OF CONTRACT/ORDER NO.	
			10b. DATED (SEE ITEM 13)	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<p>[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [X] 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:</p> <p>(a) By completing Items 8 and 15, and returning <u>1</u> 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.</p>				
12. ACCOUNTING AND APPROPRIATION DATA (If required) N/A				
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: MUTUAL AGREEMENT OF THE PARTIES				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor [] is not, [] is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)				
<p>This amendment is being issued to provide or clarify the following information contained in this solicitation: Clauses B35, and M28.04;, Written responses to questions received from prospective offerors;, The Statement Of Work;, A list of attendees from the site visits conducted June 24 and June 25, 2003; and, Extend the closing date of the above referenced Solicitation until 3:00 P.M. EST July 24, 2003.</p> <p>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.</p>				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME OF CONTRACTING OFFICER AMY V. LOAR		
15B. NAME OF CONTRACTOR/OFFEROR BY _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED	

SECTION B – SUPPLIES OR SERVICES AND PRICES/COSTS

B35 SERVICES TO BE FURNISHED AND PRICES (ENVIRONMENTAL) (DESC APR 2003)

The services to be furnished during the period specified herein and the unit prices are as follows:

FIVE YEAR CONTRACT PERIOD –April 1, 2004 through March 31, 2009

LEVEL UNIT PRICING IS REQUIRED

Contract Line Item Number	Services	Grand Forks	Cincinnati
0001	Develop a Detailed Work Plan IAW TASK 1 of the SOW		
0001A	Lump Sum Price for Work Plan in Task 1 of the SOW to Include 5 Copies of Work Plan	\$ _____	\$ _____
0001B	Unit Price Per Hour in Excess of those Included in Lump Sum Work Plan	\$ _____	\$ _____
0002	Conduct Soil/Gas Survey IAW TASK 2 of the SOW		
0002A	Price Per Unit (10 points/unit) Soil Gas Units - 4 foot depth	\$ _____	\$ _____
0002B	Price Per Unit (10 points/unit) Soil Gas Units - 14 feet depth	\$ _____	\$ _____
0002C	Mobilization Cost for Soil Gas Survey	\$ _____	\$ _____
0003	Conduct Geophysical Survey IAW TASK 3 of the SOW		
0003A	Price Per Unit of Geophysical Survey (10,000 linear feet) to Include 5 Copies of a Report of Findings	\$ _____	\$ _____
0004	Locate, Install and Sample Boring TASK 4 of the SOW		
0004A	Price per Boring up to 5 feet	\$ _____	\$ _____
0004B	Price per foot of Boring 6 to 20 feet	\$ _____	\$ _____
0004C	Price per foot of Boring 21 to 60 feet	\$ _____	\$ _____
0004D	Price per foot of Boring 61 to 150 feet	\$ _____	\$ _____
0004E	Mobilization Cost for Soil Borings	\$ _____	\$ _____

Contract Line Item Number	Services	Grand Forks	Cincinnati
0005	Locate, Install and Sample Monitoring Wells IAW TASK 5 of the SOW		
0005A	Price per 2" Monitoring Well up to 10 feet	\$ _____	\$ _____
0005B	Price per foot of 2" Monitoring Well 11 to 20 feet	\$ _____	\$ _____
0005C	Price per foot of 2" Monitoring Well 21 to 60 feet	\$ _____	\$ _____
0005D	Price per foot of 2" Monitoring Well 61 to 150 feet	\$ _____	\$ _____
0005E	Price per 4" Monitoring Well up to 10 feet	\$ _____	\$ _____
0005F	Price per foot of 4" Monitoring Well 11 to 20 feet	\$ _____	\$ _____
0005G	Price per foot of 4" Monitoring Well 21 to 60 feet	\$ _____	\$ _____
0005H	Price per foot of 4" Monitoring Well 61 to 150 feet	\$ _____	\$ _____
0005I	Price per foot closing 2" Monitoring Well	\$ _____	\$ _____
0005J	Price per foot closing 4" Monitoring Well	\$ _____	\$ _____
0005K	Mobilization Cost for Monitoring Wells	\$ _____	\$ _____
0006	Conduct Direct Push Testing (DPT) IAW TASK 6 of the SOW		
0006A	Price per Day of DPT	\$ _____	\$ _____
0006B	Mobilization Cost for DPT Testing	\$ _____	\$ _____
0007	Sample Beach and Ocean Sediment and Shellfish		
0007A	Price per Ocean/River Sediment Sample	\$ _____	\$ _____
0007B	Price per Beach Sediment Sample	\$ _____	\$ _____
0007C	Price per Shellfish Sample	\$ _____	\$ _____
0007D	Mobilization Costs for Shellfish Sampling	\$ _____	\$ _____

Contract Line Item Number	Services	Grand Forks	Cincinnati
0008	Conduct Analytical Testing, Cost Per Test for the Following Procedures:		
0008A	6010	\$ _____	\$ _____
0008B	8015	\$ _____	\$ _____
0008C	8021	\$ _____	\$ _____
0008D	8041	\$ _____	\$ _____
0008E	8081	\$ _____	\$ _____
0008F	8121	\$ _____	\$ _____
0008G	8151	\$ _____	\$ _____
0008H	8260	\$ _____	\$ _____
0008I	8270	\$ _____	\$ _____
0008J	8310	\$ _____	\$ _____
0008K	8440	\$ _____	\$ _____
0008L	418.1	\$ _____	\$ _____
0008M	601	\$ _____	\$ _____
0008N	602	\$ _____	\$ _____
0008O	604	\$ _____	\$ _____
0008P	608	\$ _____	\$ _____
0008Q	610	\$ _____	\$ _____
0008R	612	\$ _____	\$ _____
0008S	624	\$ _____	\$ _____
0008T	625	\$ _____	\$ _____
0008U	TCLP Metals	\$ _____	\$ _____
0008V	9045	\$ _____	\$ _____
0008W	1010/1020	\$ _____	\$ _____
0008X	Bioassay (Toxicity)	\$ _____	\$ _____
0008Y	Chloride	\$ _____	\$ _____
0008Z	Sulfates	\$ _____	\$ _____

Contract Line Item Number	Services	Grand Forks	Cincinnati
0008AA	Sulfides	\$ _____	\$ _____
0008AB	Nitrogen	\$ _____	\$ _____
0008AC	Phenols	\$ _____	\$ _____
0008AD	Turbidity	\$ _____	\$ _____
0008AE	Lead	\$ _____	\$ _____
0008AF	pH	\$ _____	\$ _____
0008AG	Settleable Solids	\$ _____	\$ _____
0008AH	Total Dissolved Solids	\$ _____	\$ _____
0008AI	BOD	\$ _____	\$ _____
0008AJ	Suspended Solids	\$ _____	\$ _____
0008AK	EDB	\$ _____	\$ _____
0008AL	Phenolic Compounds (Chlorinated)	\$ _____	\$ _____
0008AM	Oil & Grease	\$ _____	\$ _____
0008AN	EPA-TO-14 (BTEX Only)	\$ _____	\$ _____
0008AO	Nitrate/Nitrite	\$ _____	\$ _____
0008AP	Ammonia	\$ _____	\$ _____
0008AQ	Total Organic Carbon	\$ _____	\$ _____
0008AR	Orthophosphate	\$ _____	\$ _____
0008AS	Moisture Content	\$ _____	\$ _____
0008AT	Total Bacterial Plate Count	\$ _____	\$ _____
0008AU	Selective Bacterial Plate Count	\$ _____	\$ _____
0008AV	Grain Size ASTM D 422	\$ _____	\$ _____
0008AW	Hydraulic Conductivity ASTM D 5084	\$ _____	\$ _____
0008AX	Permeability of Granular Soils ASTM D 2434	\$ _____	\$ _____

Contract Line Item Number	Services	Grand Forks	Cincinnati
0009	Perform Monitoring Well Survey IAW TASK 9 of the SOW		
0009A	Price per Unit of Well Location Surveying (10 wells/unit)	\$ _____	\$ _____
0010	Install and Maintain Recovery Well IAW TASK 10 of the SOW		
0010A	Price per 6" Recovery Wells up to 10 ft (including water table depression and free product recovery pump)	\$ _____	\$ _____
0010B	Price per foot of 6" Recovery Well from 11 to 20 feet	\$ _____	\$ _____
0010C	Price per foot of 6" Recovery Well from 21 to 60 feet	\$ _____	\$ _____
0010D	Price per foot of 6" Recovery Well from 61 to 120 ft	N/A	N/A
0010E	Mobilization Costs for 6" Recovery Well	\$ _____	\$ _____
0010F	Monthly price for Operation and Maintenance of 6" Recovery Well	\$ _____	\$ _____
0010G	Cost of Installing Water Table Depression and Free Product Recovery Pump System on a 4" Monitoring Well	\$ _____	\$ _____
0010H	Mobilization Cost for 4" Recovery Pump System	\$ _____	\$ _____
0010I	Monthly Price for Operation and Maintenance of 4" Recovery Well	\$ _____	\$ _____
0010J	Price per foot closing 6" Recovery Well	\$ _____	\$ _____
0011	Install and Maintain Recovery Trench System IAW TASK 11 of the SOW		
0011A	Lump Sum Price Per Unit of Recovery Trench System, Including Free Product Recovery and Water Table Depression Pump	\$ _____	\$ _____
0011B	Mobilization Cost for Recovery Trench Construction and Recovery Pump System Installation	\$ _____	\$ _____
0011C	Monthly Cost for Operation and Maintenance of Recovery Trench	\$ _____	\$ _____

Contract Line Item Number	Services	Grand Forks	Cincinnati
0012	Conduct Pump Test IAW TASK 12 of the SOW		
0012A	Lump Sum Price to Conduct Pump Test	N/A	\$ _____
0013	Conduct Remediation Feasibility Studies and/or Pilot Tests IAW TASK 13 of the SOW		
0013A	<u>Vapor Extraction System</u>		
0013AA	Vapor Extraction System Feasibility Study/Pilot Test	\$ _____	\$ _____
0013AB	Price Per Hour for Development of Vapor Extraction System Documentation	\$ _____	\$ _____
0013B	<u>In-Situ Bioremediation System</u>		
0013BA	Lump Sum Price for Bioremediation System Feasibility Study	\$ _____	\$ _____
0013BB	Price Per Hour for Development of Bioremediation System Feasibility Documentation	\$ _____	\$ _____
0013C	<u>Air Stripper</u>		
0013CA	Lump Sum Price for Air Stripper Pilot Test	\$ _____	\$ _____
0013CB	Price Per Hour for Development of Air Stripper Pilot Test Documentation	\$ _____	\$ _____
0013D	<u>Liquid Phase Carbon Adsorption System</u>		
0013DA	Lump Sum Price for Liquid Phase Carbon Adsorption System	\$ _____	\$ _____
0013DB	Price Per Hour for Development of Liquid Phase Carbon Adsorption System Documentation	\$ _____	\$ _____
0013E	<u>Bioventing Pilot Test</u>		
0013EA	Lump Sum Price for Bioventing Pilot Test	\$ _____	\$ _____
0013EB	Price Per Hour for Development of Bioventing Pilot Test Documentation	\$ _____	\$ _____

Contract Line Item Number	Services	Grand Forks	Cincinnati
0013F	<u>Air Sparge Pilot Test</u>		
0013FA	Lump Sum Price for Air Sparge Pilot Test	\$ _____	\$ _____
0013FB	Price Per Hour for Development of Air Sparge Pilot Test Documentation	\$ _____	\$ _____
0013G	<u>Steam Injection Bench Scale Test</u>		
0013GA	Lump Sum Price per Steam Injection Bench Scale Test	\$ _____	\$ _____
0013GB	Price Per Hour for Development of Steam Injection Bench Scale Test Documentation	\$ _____	\$ _____
0013H	<u>Bioslurp Pilot Test</u>		
0013HA	Lump Sum Price for Bioslurp Pilot Test	\$ _____	\$ _____
0013HB	Price Per Hour for Development of Bioslurp Pilot Test Documentation	\$ _____	\$ _____
0014	Perform Site Operations and Maintenance IAW TASK 14 of the SOW		
0014A	Price per Month to Perform Site O&M	\$ _____	\$ _____
0015	Conduct Sampling and Monitoring Programs IAW TASK 15 of the SOW		
0015A	Price per Year to Conduct Monitoring & Reporting Program	\$ _____	\$ _____
0016	Provide Report of Findings IAW TASK 16 of the SOW		
0016A	Lump Sum Price for Report Preparation to Include 5 copies of the Report	\$ _____	\$ _____
0016B	Price Per Hour for Report in Excess of those Included in Lump Sum	\$ _____	\$ _____
0017	Miscellaneous Services IAW TASK 17 of the SOW		
0017A	Project Manager Price Per Hour	\$ _____	\$ _____
Contract Line Item	Services	Grand Forks	Cincinnati

Number			
0017B	Engineer I Price Per Hour*	\$ _____	\$ _____
0017C	Engineer II Price Per Hour*	\$ _____	\$ _____
0017D	Engineer III Price Per Hour*	\$ _____	\$ _____
0017E	Chemist Price Per Hour	\$ _____	\$ _____
0017F	Environmental Scientist I Price Per Hour*	\$ _____	\$ _____
0017G	Environmental Scientist II Price Per Hour*	\$ _____	\$ _____
0017H	Environmental Scientist III Price Per Hour*	\$ _____	\$ _____
0017I	Geologist I Price Per Hour*	\$ _____	\$ _____
0017J	Geologist II Price Per Hour*	\$ _____	\$ _____
0017K	Geologist III Price Per Hour*	\$ _____	\$ _____
0017L	Hydrogeologist I Price Per Hour*	\$ _____	\$ _____
0017M	Hydrogeologist II Price Per Hour*	\$ _____	\$ _____
0017N	Hydrogeologist III Price Per Hour*	\$ _____	\$ _____
0017O	Toxicologist I Price Per Hour*	\$ _____	\$ _____
0017P	Toxicologist II Price Per Hour*	\$ _____	\$ _____
0017Q	Toxicologist III Price Per Hour*	\$ _____	\$ _____
0017R	Drafter Price Per Hour	\$ _____	\$ _____
0017S	Traffic Control Engineer Price Per Hour	\$ _____	\$ _____
0017T	Cost Accountant Price Per Hour	\$ _____	\$ _____
0017U	Secretary Price Per Hour	\$ _____	\$ _____
0017V	Site Labor Foreman Price Per Hour	\$ _____	\$ _____
0017W	Remediation System Operator Price Per Hour	\$ _____	\$ _____
0017X	Heavy Equipment Operator Price Per Hour	\$ _____	\$ _____
0017Y	Laborer Price Per Hour	\$ _____	\$ _____
0017Z	Drill Rig Operator Price Per Hour	\$ _____	\$ _____
0017AA	Engineering Technician Price Per Hour	\$ _____	\$ _____

Contract Line Item Number	Services	Grand Forks	Cincinnati
0017AB	Utility Truck Price Per Day	\$ _____	\$ _____
0017AC	02/Explosimeter Price Per Day	\$ _____	\$ _____
0017AD	Sampling Pump Price Per Day	\$ _____	\$ _____
0017AE	Flame Ionization OCA Price Per Day	\$ _____	\$ _____
0017AF	Air Velocity Meter Price Per Day	\$ _____	\$ _____
0017AG	Field GC Price Per Day	\$ _____	\$ _____
0017AH	Furnish and Fill with Soil or Water DOT Approved 55 Gal Drum, Price Per Drum	\$ _____	\$ _____
0017AI	Shipping of Soil and Water Samples for Analytical Testing Price Per 251b Shipping Container	\$ _____	\$ _____
0017AJ	Disposable Bailers	\$ _____	\$ _____
0017AK	500 CFM Thermal Oxidizer (for 6 months use, including mobilization and demobilization)	\$ _____	\$ _____
0017AL	Tedlar Bags Price Per Dozen	\$ _____	\$ _____
0017AM	Pickup Truck (1/2 ton) Price Per Day	\$ _____	\$ _____
0017AN	1 CY Backhoe Loader Price Per Day	\$ _____	\$ _____
0017AO	1 1/2 CY Hydraulic Excavator Price Per Day	\$ _____	\$ _____
0017AP	Drill Rig Price Per Day	\$ _____	\$ _____
0017AQ	Dewatering Pump (150 GPM) Price Per Day	\$ _____	\$ _____
0017AR	Air Compressor (7 cfm) Price Per Day	\$ _____	\$ _____
0017AS	Generator (4000 watt) Price Per Day	\$ _____	\$ _____
0017AT	CAD Equipment Use Charge Price Per Day	\$ _____	\$ _____
0017AU	Photoionization Detector Price Per Day	\$ _____	\$ _____
0018	Markup for Overhead & Profit**	_____ %	_____ %
0019	Lump Sum Price for Background Review	\$ _____	\$ _____

*Where labor grade classifications are used (e.g., I, II, III), I is the lowest skill level, II is the intermediate, and III is the highest skill level.

**State as a percentage, it will be added to the Direct Cost of Work Negotiated under CLIN 0018

M28.04 BASIS FOR AWARD (ENVIRONMENTAL) (DESC APR 2003)

(a) Award of any contract resulting from this solicitation shall be made using source selection procedures. Proposals submitted in response to the solicitation will be evaluated by a board of one or more Government personnel, with selection made on the basis of each offeror's ability to satisfy the requirements of the solicitation. Final selection will be made by the Source Selection Authority.

(b) Award will be made on the basis of the proposal that conforms to the solicitation and is determined to contain the combination of technical, management, and cost features representing the best overall value to the Government, cost or price, technical, management, quality, and other factors considered. For this solicitation, technical and management factors combined are significantly more important than cost or price. As proposals become more equal in their technical merit, the evaluated cost or price and past performance become more important. Technical and management evaluation areas listed in descending order of importance are--

(1) **TECHNICAL/MANAGEMENT.** Within this factor, the following 3 subfactors are the highest ranked and each are of equal importance:

(i) Technical merit and general responsiveness of the proposal, particularly in addressing the sample scenario in the SPECIFIC INSTRUCTIONS FOR PREPARING OFFERS (ENVIRONMENTAL) clause;

(ii) Petroleum remediation experience of the offeror; and

(iii) Petroleum remediation experience of the offeror's Project Manager.

The remaining 3 subfactors are listed in descending order of importance:

(iv) Contractor initiatives to reduce costs;

(v) Response time; and

(vi) In-house capability.

(2) **PAST PERFORMANCE.** This factor will be evaluated using information from references provided by the Contractor in the SPECIFIC INSTRUCTIONS FOR PREPARING OFFERS (ENVIRONMENTAL) clause. The Government reserves the right to consider any additional information on the offeror obtained through other names.

(3) **PRICE.** This factor will be evaluated by multiplying the proposed prices in the SERVICES TO BE FURNISHED AND PRICES (ENVIRONMENTAL) clause by the estimated units shown in the following schedule for the respective line items. The Government reserves the right to award to other than the lowest evaluated price.

NOTE: The estimates provided below are for evaluation purposes only and do not represent any guarantee on the Government's part to order the quantities listed.

ESTIMATED QUANTITIES (YEAR 1)

<u>Contract Line</u>		<u>Grand Forks</u>	<u>Cincinnati</u>
<u>Item Number</u>	<u>Services</u>	<u>Quantity</u>	<u>Quantity</u>
0001	Work Plan		
0001A	Work Plan – 30 unit hours	1	4
0001B	Work Plan Excess Hours	20	60
0002	Soil/Gas Survey		
0002A	Soil Gas Units - 4 foot depth	1	1
0002B	Soil Gas Units - 14 feet depth	1	1
0002C	Soil Gas Survey Mobilizations	1	1
0003	Geophysical Survey		
0003A	Geophysical Survey Units	1	1
0004	Soil Borings		
0004A	Boring up to 5 feet	20	25
0004B	Feet of Boring 6 to 20 feet	60	75
0004C	Feet of Boring 21 to 60 feet.	1	100
0004D	Feet of Boring 61 to 150 feet.	1	1
0004E	Mobilizations for Soil Borings	1	1
0005	Monitoring Wells		
0005A	2" Monitoring Well up to 10 feet	1	1
0005B	Feet of 2" Well 11 to 20 feet	1	1
0005C	Feet of 2" Well 21 to 60 feet.	1	1

<u>Contract Line</u>		<u>Grand Forks</u>	<u>Cincinnati</u>
<u>Item Number</u>	<u>Services</u>	<u>Quantity</u>	<u>Quantity</u>
0005D	Feet of 2" well 61 to 150 feet.	1	1
0005E	4" Monitoring Well up to 10 feet	1	5
0005F	Feet of 4" Monitoring Well 11 to 20 feet	1	50
0005G	Feet of 4" Well 21 to 60 feet	1	50
0005H	Feet of 4" Well 61 to 150 feet	1	1
0005I	Feet of Closing/Abandoning 2" dia. Well	1	50
0005J	Feet of Closing/Abandoning 4" dia. Well	1	1
0005K	Mobilization for Monitoring Wells	1	2
0006	Direct Push Testing		
0006A	Day of DPT	1	1
0006B	Mobilization for DPT Testing	1	1
0007	Sample Beach and Ocean Sediment and Shellfish		
0007A	Price per Ocean/River Sediment Sample	N/A	1
0007B	Price per Beach Sediment Sample	N/A	1
0007C	Price per Shellfish Sample	N/A	1
0007D	Mobilization Costs for Shellfish Sampling	N/A	1
0008	Analytical Testing		
0008A	6010	1	1
0008B	8015	30	10
0008C	8021	30	20
0008D	8041	1	90
0008E	8081	1	1
0008F	8121	1	1
0008G	8151	1	1
0008H	8260	1	10
0008I	8270	1	1
0008J	8310	1	1
0008K	8440	1	75
0008L	418.1	1	1
0008M	601	1	1
0008N	602	1	1
0008O	604	1	1
0008P	608	1	1
0008Q	610	1	1
0008R	612	1	1
0008S	624	1	1
0008T	625	1	1
0008U	TCLP Metals	1	10
0008V	9045	1	1
0008W	1010/1020	1	1
0008X	Bioassay (Toxicity)	1	1
0008Y	Chloride	1	1
0008Z	Sulfates	1	1
0008AA	Sulfides	1	1
0008AB	Nitrogen	1	1

<u>Contract Line</u>		<u>Grand Forks</u>	<u>Cincinnati</u>
<u>Item Number</u>	<u>Services</u>	<u>Quantity</u>	<u>Quantity</u>
0008AC	Phenols	1	1
0008AD	Turbidity	1	1
0008AE	Lead	1	1
0008AF	PH	1	1
0008AG	Settleable solids	1	1
0008AH	Total Dissolved Solids	1	1
0008AI	BOD	1	1
0008AJ	Suspended Solids	1	1
0008AK	EDB	1	1
0008AL	Phenolic Compounds (Chlorinated)	1	1
0008AM	Oil & Grease	1	1
0008AN	EPA-TO-14 (BTEX Only)	1	1
0008AO	Nitrate/Nitrite	1	1
0008AP	Ammonia	1	1
0008AQ	Total Organic Carbon	1	1
0008AR	Orthophosphate	1	1
0008AS	Moisture Content	1	1
0008AT	Total Bacterial Plate Count	1	1
0008AU	Selective Bacterial Plate Count	1	1
0008AV	Grain Size ASTM D 422	1	1
0008AW	Hydraulic Conductivity ASTM D 5084	1	1
0008AX	Permeability of Granular Soils ASTM D 2434	1	1
0009	Monitoring Well Survey		
0009A	Well Location Surveying Units	1	2
0010	Recovery Wells		
0010A	6" Recovery Wells up to 10 Feet	1	1
0010B	Feet of 6" Recovery Well 11 to 20 Feet	1	1
0010C	Feet of 6" Recovery Well 21 to 60 Feet	1	1
0010D	Feet of 6" Recovery Well from 61 to 120 Feet	1	1
0010E	Mobilizations for 6" Recovery Well.	1	1
0010F	Months of 6" Recovery Well O&M	1	1
0010G	Install Pump System on Exst'g 4" Well	1	1
0010H	Mobilizations for Pump Install on Exst'g 4" Well	1	1
0010I	Months of 4" Recovery Well O&M	1	1
0010J	Per foot closing 6" Recovery Well	1	1
0011	Recovery Trench System		
0011A	Units of Recovery Trench Installation	1	1
0011B	Mobilizations for Recovery Trench Installation	1	1
0011C	Months of Recovery Trench O&M	1	1
0012	Pump Test		
0012A	Conduct Pump Test	1	1

<u>Contract Line</u>		<u>Grand Forks</u>	<u>Cincinnati</u>
<u>Item Number</u>	<u>Services</u>	<u>Quantity</u>	<u>Quantity</u>
0013	Remediation Feasibility Studies/Pilot Tests		
0013A	Vapor Extraction System		
0013AA	Vapor Extraction System Feasibility Study/Pilot Tests	1	1
0013AB	Hours for Development of System Documentation	1	1
0013B	In-Situ Bioremediation System		
0013BA	Bioremediation System Feasibility Study	1	1
0013BB	Hours for Development of System Documentation	1	400
0013C	Air Stripper		
0013CA	Air Stripper Pilot Test	1	1
0013CB	Hours for Development of System Documentation	1	1
0013D	Liquid Phase Carbon Adsorption		
0013DA	Liquid Phase Carbon Adsorption System	1	1
0013DB	Hours for Development of System Documentation	1	1
0013E	Bioventing		
0013EA	Bioventing Pilot Test	1	1
0013EB	Hours for Development of System Documentation	1	1
0013F	Air Sparging		
0013FA	Air Sparge Pilot Test	1	1
0013FB	Hours for Development of System Documentation	1	150
0013G	Steam Injection		
0013GA	Steam Injection Bench Scale Test	1	1
0013GB	Hours for Development of System Documentation	1	1
0013H	Bioslurping		
0013HA	Bioslurping Pilot Test	1	1
0013HB	Hours for Development of System Documentation	1	1
0014	Site Operations & Maintenance		
0014A	Monthly O&M	1	16
0015	Sampling & Monitoring Programs		
0015A	Conduct Yearly Monitoring & Reporting	1	4
0016	Report of Findings		
0016A	Report Preparation	1	4
0016B	Excess Hours for Report Preparation	40	160
0017	Miscellaneous Services		
0017A	Project Manager Hours	60	200
0017B	Engineer I Hours	1	500
0017C	Engineer II Hours	1	300
0017D	Engineer III Hours	1	200
0017E	Chemist Hours	1	1
0017F	Environmental Scientist I Hours	60	200
0017G	Environmental Scientist II Hours	1	50
0017H	Environmental Scientist III Hours	60	50
0017I	Geologist I Price Hours	1	100
0017J	Geologist II Hours	1	200
0017K	Geologist III Price Hours	120	100
0017L	Hydrogeologist I Hours	1	50

<u>Contract Line</u>		<u>Grand Forks</u>	<u>Cincinnati</u>
<u>Item Number</u>	<u>Services</u>	<u>Quantity</u>	<u>Quantity</u>
0017M	Hydrogeologist II Hours	1	100
0017N	Hydrogeologist III Hours	1	150
0017O	Toxicologist I Hours	1	1
0017P	Toxicologist II Hours	1	8
0017Q	Toxicologist III Hours	1	1
0017R	Drafter Hours	20	40
0017S	Traffic Control Engineer Hours	1	1
0017T	Cost Accountant Hours	20	150
0017U	Secretary Hours	20	200
0017V	Site Labor Foreman Hours	1	1
0017W	Remediation System Operator Hours	1	1
0017X	Heavy Equipment Operator Hours	1	200
0017Y	Laborer Hours	1	500
0017Z	Drill Rig Operator Hours	1	50
0017AA	Engineering Technician Hours	1	1000
0017AB	Utility Truck Days	5	100
0017AC	02/Explosimeter Days	5	100
0017AD	Sampling Pump Days	1	40
0017AE	Flame Ionization OCA Days	1	60
0017AF	Air Velocity Meter Days	1	10
0017AG	Field GC Days	1	10
0017AH	DOT Approved 55 Gal Drums	5	50
0017AI	Ship 25lb Units of Soil and Water Samples	2	5
0017AJ	Disposable Bailers	30	100
0017AK	500 CFM Thermal Oxidizer	1	1
0017AL	Tedlar Bags (dozen)	1	10
0017AM	Pickup Truck (1/2 ton) Days	1	25
0017AN	1 CY Backhoe Loader Days	1	5
0017AO	1 1/2 CY Hydraulic Excavator Days	1	5
0017AP	Drill Rig Days	1	5
0017AQ	Dewatering Pump (150 GPM) Days	1	5
0017AR	Air Compressor (7 cfm) Days	1	5
0017AS	Generator (4000 watt) Days	1	100
0017AT	CAD Equipment Use Charge Days	1	5
0017AU	Photoionization Detector Days	5	30
0018	Other Direct Costs (Dollars x 1000)* * Cost evaluation will be made using dollar figure shown times the percent of overhead and profit provided by the Offeror in Contract Line Item 0018 of Clause B35 SERVICES TO BE PROVIDED AND PRICES.	15	75
0019	Lump Sum Price for Background Review	1	1

(4) **SOCIOECONOMIC PLAN.** This factor will be evaluated on a comparative basis among all offerors. An offeror that proposes a higher percentage, complexity level, and variety in participation by small, small disadvantaged, veteran-owned small, HUBZone small, service-disabled veteran-owned small, and women-owned small business, and Historically Black Colleges and Universities and Minority Institutions combined generally will receive a higher rating on this factor. An offeror that compiles and considers past performance data on its subcontractors in

the source selection decision for subcontracts will receive a higher rating on this factor. An offeror's efforts to develop additional opportunities for small, small disadvantaged, veteran-owned small, HUBZone small, service-disabled veteran-owned small, and women-owned small business, and Historically Black Colleges and Universities and Minority Institutions will also be comparatively evaluated with the proposals of other offerors. Offeror's proposals for socioeconomic support will be made a part of any resulting contract for use in determining how well the Contractor has adhered to its socioeconomic plan. This plan will be monitored as a means of assisting the Contracting Officer in determining how well the Contractor has in fact performed. This determination will then be used as a consideration prior to future source selection decisions. Past performance on prior contracts in subcontracting and assisting small, small disadvantaged, veteran-owned small, HUBZone small, service-disabled veteran-owned small, and women-owned small businesses, and Historically Black Colleges and Universities and Minority Institutions will also be evaluated as part of this factor.

NOTE: As a matter of clarification, offerors will receive a higher rating under the Technical/Management evaluation for the capability to perform required services in-house. The Socioeconomic Plan evaluation will consider that part of the required services that cannot be performed in-house.

(c) Award(s) will be made to the offeror(s) whose proposal conforms to the solicitation and represents the best value to the Government, after consideration of all evaluation factors listed above.

(DESC 52.209-9F35)

The solicitation is amended to incorporate the following questions and answers. This data should be used in preparing proposals.

- Attachment No. 01, Statement of Work (SOW), Tasks 4, 5, & 6, "SOIL BORINGS, MONITORING WELLS, & DIRECT PUSH TESTING" – DESC requires a "certified" geologist or hydrologist under these task descriptions. Please provide the minimum requirements (i.e., years of experience, degree requirements, etc.) for DESC's certification.

A certified geologist or hydrogeologist must possess no less than a Bachelor's degree in the respective science. This person must perform the work under the direct supervision of a registered geologist. The registration of the geologist must be from the state in which work is performed. A Professional Engineer is acceptable as long as that person is also a registered geologist.

- Attachment No. 01, SOW, Tasks 4 & 5, "SOIL BORINGS & MONITORING WELLS" – These tasks indicate, "Disposal of contaminated soil and groundwater will be authorized under Tasks 16 and/or 17." Instead, does DESC intend that Offerors perform disposal under Tasks 17 and/or 18?

Yes. The Statement of Work has been corrected to read Tasks 17 and/or 18.

- Attachment No. 01, SOW, Tasks 4 & 5, "SOIL BORINGS & MONITORING WELLS" – These tasks indicate, "Laboratory analysis of soil samples obtained will be ordered under Task 7." However, Task 8 appears to be the Sample Testing CLIN. Please clarify.

Reference to Task 7 has been corrected to read Task 8.

- Attachment No. 01, SOW, Tasks 4 & 5, "SOIL BORINGS & MONITORING WELLS" – For the mobilization line items, should we include the time necessary for the geologist to travel to the site to pre-mark the locations prior to field work? Pre-marking is required several days before the actual fieldwork to give the facility or utility locating service time to screen the location(s). Or, should we assume the pre-marking locating costs will be reimbursed under Contract Line Item Number (CLIN) 0017 and/or 0018?

All effort required to perform the work should be included in Tasks 4 and 5 to include necessary pre-field work visits.

- Attachment No. 01, SOW, Task 5, "MONITORING WELLS" – DESC references "Task 11," and indicates that this task will have water handling procedures different than those outlined under Task 5. Task 11 does not provide alternative water handling procedures. Please clarify.

References to Task 11 in Task 5 of the Statement of Work has been changed to Task 12.

6. Attachment No. 01, SOW, Task 7, “BEACH SEDIMENT AND SHELLFISH SAMPLING” - Attachment 2 (B35 Pricing), Contract Line Item Number (CLIN) 007A has an evaluation quantity of “1” for DFSP Cincinnati. However, CLIN 007D has an evaluation quantity of “0.” Should Offerors include mobilization costs in sediment sampling activities?

Yes, the quantity for (CLIN) 0007A has been changed to 1.

7. Attachment No. 01, SOW, Task 7, “BEACH SEDIMENT AND SHELLFISH SAMPLING” – Will Laboratory costs be reimbursed under Task 8, and/or Tasks 17 and 18?

Laboratory costs will be reimbursed under Task 8. Tasks 17 and 18 do not relate to this question.

8. Attachment No. 01, SOW, Task 8, “SAMPLE TESTING” – Will procurement, contract management, and project management time be reimbursed under Task 17, or should time for this effort be included in the individual analyses?

The time for procurement, contract management and project management to accomplish sample testing under Task 8 must be included in the individual analyses. It will not be reimbursed under Task 17.

9. Attachment No. 01, SOW, Task 11, “RECOVERY TRENCH SYSTEM” – DESC indicates “Recovery well requirements shall conform to the requirements of Task 9.” Did DESC intend to reference Task 10?

Yes. The Statement of Work has been corrected.

10. Attachment No. 01, SOW, Task 12, “PUMP TEST” – One 6” diameter production well and two 2” diameter monitoring wells are required under this task. DESC further states, “Well installation costs will be as provided in Task 5.” Does this mean the 2” monitoring wells are installed under Task 5, or should the costs be included under this task? In addition, is the 6” production well an existing well, or will it be installed under Task 10?

The 2" monitoring wells will be installed under Task 5 and the 6" production well will be installed under Task 10. DESC is assuming that the 6" well will be put to good use after the pump test and used as a recovery well. Task 12 is strictly for the performance of the pump test.

11. Attachment No. 01, SOW, Task 13, “REMEDICATION” – The introductory paragraph states, “actual installation of the system will be ordered under Tasks 16 and 17.” Should this read Tasks 17 and 18?

Yes. The Statement of Work has been corrected.

The response to Questions 12 through 16 can be found at the end of Question 16.

12. Attachment No. 01, SOW, Task 13a, “VAPOR EXTRACTION SYSTEM” – The SOW requires installation of four (4) vapor extraction wells. Are these wells to be installed under Task 5, or should the Offerors include the cost of the four wells under this task. If Offerors are to include the costs under this task, please provide site specific well construction details (i.e., total depth(s), well diameter(s), well screen length(s), surface completion(s), well cutting handling or disposal requirements, etc.)
13. Attachment No. 01, SOW, Task 13e, “BIOVENTING” – How many injection and/or monitoring wells are required under this task? Also, as requested above, please clarify whether, or not these wells are to be installed under Task 5, or included under this task.
14. Attachment No. 01, SOW, 13f, “AIR SPARGING” – Same question as above.
15. Attachment No. 01, SOW, 13h, “BIOSLURPING” – Same question as above.
16. Attachment No. 01, SOW, 13h, “BIOSLURPING” – What is the duration of the field test, and how will recovered product be handled or disposed?

Since these questions are all related, we have combined them into one response. All equipment required for performance of the pilot test/feasibility studies should be included under this Task. Waste disposal will be performed under Task 17/18. The offeror's proposal should cover the level of effort necessary to develop, install, and conduct the pilot test/feasibility study as well as evaluate the results of the specified tests, and prepare documentation in sufficient detail to obtain regulatory approval and install the full scale system. The

Government's position is that the offeror should use its technical expertise as well as its knowledge of the site to propose a system for each technology; therefore, site specific well details will not be provided. All assumptions should be included in your proposal.

17. Attachment No. 01, SOW, Task 14, "SITE OPERATIONS AND MAINTENANCE" – SOW states that Offerors are requested to "provide O&M of potential remediation systems." However, Attachment 2 (B35 Pricing), Contract Line Item Number (CLIN) 0014 has an evaluation quantity of "0" for DFSP Grand Forks. Please clarify DESC's requirements for O&M at DFSP's Grand Forks and Cincinnati sites.

In your proposal, acknowledge that the Task exists. A remediation system could be installed in the future and an O&M manual is not available at this time. The evaluation quantity for DFSP Grand Forks has been changed to 1.

18. Attachment No. 01, SOW, Task 14, "SITE OPERATIONS AND MAINTENANCE" – Should waste disposal and other variable costs (electrical, telephone, water, etc.) be included in the monthly O&M costs?

Yes.

19. Attachment No. 01, SOW, Task 15, "MONITORING" – The task requires Offerors to perform "sampling and monitoring programs at DFSPs Grand Forks and Cincinnati in accordance with state approved self-monitoring programs." Will DESC supply each site's specific "sampling and monitoring programs" separately (i.e., number of wells, analyses, sampling frequency, etc.)?

Past reports are available for review, however, offerors would need to review these documents at DESC prior to award.

20. Attachment No. 01, SOW, Task 15, "MONITORING" – As stated for Task 4, 5 & 6, should we assume that the laboratory, material, and other direct costs will be reimbursed under the appropriate CLINs 0008, 0017, and 0018?

No. All costs necessary to perform Task 15 must be included in Task 15.

21. Section H, "KEY PERSONNEL" – With the exception of the Offeror's Project Managers, does DESC consider any other personnel to be "Key"?

No.

22. Section L 70 – "Technical Questions," Offerors are to submit questions 14 days prior to the scheduled preproposal conferences, and may submit questions during the conferences. How will DESC handle offeror's questions received after the on-site conferences, but before the proposal due date?

All questions have been answered in this Amendment. Should additional questions arise they should be sent to Carrie Cross via e-mail and will be issued in an Amendment if time permits. Please check our website frequently for Amendments.

23. Section L87.06, "CONDITIONS FOR MULTIYEAR OFFERS" – It appears DESC requires Offerors to submit level pricing for all of the B35 CLINs (i.e., the price is good for all five years). Please confirm that all Project Management, Contract Administration, and Procurement time and effort should be included in CLINs 0001 through 0017 prices. In addition, please confirm that all fringe, overhead, and G&A costs, as well as Profit should also be included (i.e., CLIN 0018 will only be used to markup Other Direct Costs (ODCs) for service or materials not included in CLINs 0001 through 0017).

Offerors must submit prices for CLINs 0001 through 0017 that are valid prices for the five-year term of the contract. These prices must include all fringe, overhead, and G&A costs as well as Profit. CLIN 0018 ODC is the only CLIN number that Mark-Up will be allowed on.

24. Section L 201.01, Item 2, a, (6) – “NOTE: Prices proposed in Clause B35, SERVICES TO BE FURNISHED AND PRICES (DESC April 2003).” What is the reference in parenthesis?

The reference in parenthesis is the date of the last modification to that clause number.

25. Section L201.01, Item 2b, “SAMPLE SCENARIO” – Groundwater results are provided for 13 wells. What is the distribution of upper aquifer vs. lower aquifer samples/analyses? Were all the samples obtained from one, or the other aquifer?

A revised scenario has been added to the L201.01 clause. Once again the Government's position is that the offeror should use its technical expertise in addressing the situation described in the scenario; therefore no further details will be provided. All assumptions should be included in the proposal.

26. Section M28.04, “BASIS FOR AWARD” – DESC states, “technical and management factors combined are more important than cost or price.” However, what is the relative importance of Past Performance in relation to Technical/Management, Price, and Socio-Economic Plan?

Please review the amended clause in this Amendment. This clause states “technical and management factors combined are significantly more important than cost or price. As proposals become more equal in their technical merit, the evaluated cost or price and past performance become more important”.

27. Section M28.04, Item (b) 3, “PRICE & ESTIMATED QUANTITIES” – Are the estimated quantities for each facility a best representation of the anticipated workload for Year 1 (recognizing that the government does not guarantee these quantities)?

No. These quantities are for evaluation purposes only. Additionally, please note that the estimated quantities listed in clause M28.04 have been revised for each location.

28. Can the reports and materials generated during the prior work be made available for review to assist in preparation of the pricing and work approach proposed?

Yes, but arrangements would have to be made through DESC-F Contracting Officer/Contract Specialist to view these documents at DESC.

29. Section L87.06 requires that offerers submit a price for the total multi-year requirements. The pricing required in Section B, Attachment 2 is for separate tasks that may be independently awarded to the Contractor in any quantity, based on unit pricing proposed, in accordance with Section L2.05-8 (f) (5) and (6). There is no guidance as to the schedule for performance of the work tasks or definition of the quantity of units required for each task to use as a basis for formulation of an estimated schedule. May the requirement in Section L87.06 be satisfied by proposing fixed unit pricing for all line items based on the first contract year with government escalation factors proposed to be applied for line item pricing in all subsequent years?

No. Offerors must submit prices for CLINs 0001 through 0017 that are valid prices for the five-year term of the contract. These prices must include all fringe, overhead, and G&A costs as well as Profit. CLIN 0018 ODC is the only CLIN number that Mark-Up will be allowed on.

30. Item F, Page 2 of 2 of the Solicitation cover sheet and Section L74 of the solicitation state that the type of contract will be Firm Fixed Price with Time and Materials Provisions. Level Unit Pricing is required in Attachment 2, Section B. Will the Government select all tasks and unit quantities for Tasks 1 – 16 at the time of award to derive a Firm Fixed Price?

No, the individual CLINs 0001 through 0017 will be firm fixed prices for the entire contract period. These prices will not change from year to year. CLIN 0018 is the item that covers Time & Material provisions, which are reimbursable items such as Subcontractors required to perform a task. No, we will use whatever tasks are appropriate for the work requested.

31. If so, will this Firm Fixed Price include a schedule for performance of individual tasks?

The tasks are requested by our Technical Staff as needed.

32. If so, can additional information be provided as to this schedule to assist in preparation of proposals?

No.

33. Will Task 17 form the basis for the Time and Materials portion of the contract?

Yes, Clause I150.17 explains payments under Time-And-Materials and Labor-Hour contracts.

34. Will there be provisions in the contract for award of additional quantities of tasks for which unit prices are provided?

Yes, the tasks are requested as needed and the CLINs are used for price determination. See the answer in #3 above.

35. Are all remediation technologies identified as tasks required, or will the Government award selected line items (see task 13)?

The Government will award 1 contract per location and all remediation technologies identified as tasks are required, but may not be used.

36. If only selected remediation technologies are to be awarded, when will this selection be made?

See the answer provided for question 35.

37. Will all technologies listed be considered for both work sites, or will each site be limited to a portion of the listed technologies?

See the answer provided for question 35.

38. The pricing line items for Task 13 include pilot tests, bench-scale tests, or feasibility studies for all technologies other than liquid-phase carbon adsorption. Should Task 0013D also be for a bench-scale test, pilot test, or feasibility study? If so, which evaluation method is required?

Task 0013D is a bench-scale test and should be priced accordingly.

39. Many of the task items are related as to their pricing. For instance, mobilization for well installation is nearly the same for installation of a single or multiple wells, installed during the same continuous effort. How will pricing for such related items be used to derive a Firm Fixed Price?

See the answer provided for question 30.

40. How many monitoring wells should be assumed to contain free product, requiring installation of a recovery well, per Task 10?

We do not think that the number of monitoring wells with free product has any bearing on the cost of recovery wells.

41. Task 10 defines that 6” recovery wells be equipped with a pump capable of recovering product from a 50 ft deep well. Contract Line Item Number 0010A is for installation of a well to 10 feet and line item 0010B is for installation of a well from 11 to 20 feet. Line item 0010C is not included. Line item 0010D is for installation from 61 to 120 feet, and is marked not applicable. Should line item 0010B read 11 to 60 feet or should there be a line item 0010C that reads 21 to 60 feet?

Yes. CLIN 0010C in addition to CLINs 0008C and 008AF were omitted by mistake and have been added.

42. Line item 0010G – I involve installation of a recovery pump system in a 4 inch monitoring well. What depth should be assumed?

This is site specific. Use depth to groundwater table for the site.

43. Task 13 states that the remediation system is to be installed under Task 16 and 17, as a part of the Time and Materials portion of the contract. These tasks do not include pricing for equipment items purchased. Will these items be considered to be included in the “Materials” portion of the contract? How will the contract pricing for these items be negotiated?

Yes. See the answer provided for question 30.

44. How will the number of labor and line item equipment hours be negotiated for installation of the remediation system?

A cost proposal submitted for review and negotiations. See the answer provided for question 30.

45. How will the determination of the placement and quantity of recovery wells and recovery trench(es) be determined?

When we ask for a proposal, we will be asking for your advice. We will discuss your advice and determine the best course of action for the site. Our final agreement will be set in a Task Order.

46. Will an analysis of the options, feasibility study, development of a remedial action plan or remedial design be required? If so, under which task should this be performed?

This will come under CLIN 0013.

47. Has a design for recovery wells and recovery trench(es) already been completed during prior work? If so, can this design be provided for use as a basis of the bid?

No.

48. The estimate for Task 14 requires that a lump sum monthly price for site operations and maintenance be provided with the proposal. What remediation system(s) should be assumed for preparation of this estimate? What are the number of recovery wells, recovery trenches, well pumps, and water treatment operations that should be used as the basis for this estimate? Can an O&M manual be provided that could be used as the basis for this estimate?

See the answer provided for question 17.

49. Can DESC provide the state-approved sampling and monitoring plans that are the basis for performance of Task 15?

See the answer provided for question 28.

50. What is the definition of and requirements for labor categories presented in Task 17?

The degree of experience and education determine the level of the labor categories. A Level I has the least experience, progressing to Level III with the most.

51. Task 4 requires the use of “PVC Sheeting”. What is the specification for this sheeting? May other types of plastic sheeting be used?

The PVC or other plastic material with specification must be compatible with Petroleum Oil and Lubricants. (Petroleum Products)

52. What is the definition of a “certified geologist”, as required in Tasks 4, 5, and 6? May a geologist registered in the state in which the work is performed meet this requirement?

See the answer provided for question 1.

53. Several of the estimates are to be made assuming a defined number of hours. For example, preparation of work plans and reports are defined as requiring 30 hours each. What labor categories should be used for this estimate?

The Contractor determines what labor categories will be used.

54. How will the need for additional hours above and beyond the lump sum level of effort be determined?

If a Contractor perceives a need for hours above that required in the basic task, he can propose these hours, which will then be reviewed and negotiated.

55. Should pricing be provided for level of effort (LOE) estimates found on pages 34 – 39 of Attachment 2? Should a total price be proposed based on these LOE estimates?

Clause M28.04 is used for evaluation purposes only. Contractors should propose prices based upon the Task and all elements that are included in the Task.

56. Are prices required for Contract Line Item Numbers (CLINs) that are estimated as having a zero quantity in the LOE table found on pages 34 – 39 of Attachment 2?

Yes. All estimated quantities having a zero quantity have been changed to a quantity of one.

57. Page 30, Attachment 2, first paragraph states that CLINs 0001 through 0017 and 0019 should contain OH&P. The same paragraph contains the statement “CLIN 0018 is the only task under this contract for which the Contractor will be entitled to mark-ups for OH&P to be added to the direct cost of the work”. Please clarify that the OH&P portion of pricing proposed for CLINs 0001 – 0017 and 0019 will be allowed.

Yes. CLIN 0018 Only. CLINs 0001 through 0017 and 0019 should be fully loaded; this includes adding overhead and profit into the proposed prices for these CLINs. See page 29 Clause L201.01 of Attachment 2.

58. What is the basis to be used for evaluation of cost savings initiatives? See Item e in the technical proposal contents on Page 32 of Attachment 2. If a means to save costs was introduced in one project, can these savings be added to other savings that result from innovations in subsequent projects?

See Clause L201.01. Procurement sensitive information cannot be divulged.

59. Can multiple persons be identified to meet the response time requirement for the Project Manager to arrive on site within 24 hours after notification? Can two project managers be identified so as to allow one to be based near each work location (Cincinnati and Grand Forks)?

We expect one Project Manager per site.

60. A number of the Discipline/Trade items found in the Anticipated Subcontracting Report (Pages 32 and 33 of Attachment 2) are not described under the task descriptions and are not included in the CLINs. Examples of this are Environmental Impact Statements, Environmental Permitting, Community Relations Programs, Environmental Assessments, UST Testing, UST Removal, and Health Risk Assessments. Should these activities be added to the proposed pricing of the CLINs? If so, which CLIN will include each of these activities? If not, should these lines be marked not applicable in the Anticipated Subcontracting Report?

No. The table on pages 32 and 33 should be marked to indicate if the work can be performed in house or by a subcontractor. Make this indication with check marks in the appropriate columns.

61. We would like to obtain copies of the most recent environmental report that describes the current conditions for each facility.

Arrangements would have to be made through DESC-F Contracting Officer/Contract Specialist to view these documents at DESC.

62. What were the contract values issued to the current vendor to date for the contract period, 1999 through 2003?

This information is available on the DESC website at <http://www.desc.dla.mil/DCM/DCMPage.asp?pageid=39>. Click on the hyperlink, "Quarterly Contract Summary." Enable the macros and a spreadsheet will open. Click on the tab that is labeled "Envrs."

63. What are the anticipated contract values for the upcoming contract period 2004 through 2009?

This is a requirement type contract; there may or may not be any work ordered under this contract. The Ports Authority is looking into acquiring the DFSP Cincinnati property. If this acquisition were to occur, the contract for Cincinnati could be cancelled.

64. Who is the contact person to review documents in VA?

Carrie Cross and/or Amy Loar

65. Will the winning contractor be required to complete a feasibility study for the Cincinnati project? If so, what will the scope of this work be?

No.

66. What regulatory framework/jurisdiction will be applied to work under this contract (e.g. OH EPA regs, OH VAP regs or USEPA regs and RCRA regs)?

Ohio EPA is the regulatory framework/jurisdiction that applies to DFSP Cincinnati.

67. Who are the regulatory authorities? And what closure program?

Cincinnati Ohio EPA and Clean-Up to Industrial Standard.

68. Are you interested in one Project Manager (Program Manager) with experience detailed or can we identify a group of capable Project Managers with 15 assessments, 10 remediations, 5 emergency responses. Any education/license requirements for Project/Program Manager(s)?

We need one Project Manager per site. The requirements for Project Manager experience can be found in clause L201.01 (2)(d).

69. Task 19: Background Review. Do you have an estimate on the volume documents that will be reviewed?

Unknown at this time. All of the documents will be made available upon award of the contract.

70. Is there a minimum percentage (%) of work to be done by prime?

No. There is no minimum percentage.

71. Is there potential for additional sites or work within DFSP Cincinnati on this contract?

No more than what has been identified to date.

72. Task 14 references an O & M Manual. Is there a copy of the O & M Manual?

An O&M manual is not available at this time. In your proposal, acknowledge that the Task exists.

73. Under Attachment 2 M28.04 "Basis for Award", what point or % breakdown totaling 100% is to be used to weight each factor during award evaluation? Currently, relative weighting is discussed, but precise importance of each factor remains uncertain.

The Government does not usually divulge its evaluation criteria outside Government channels. Clause M28.04 outlines the importance of each area.

74. Another question we have is that this project is restricted to SBA with less than \$12 millions. But some of the attendee at the meeting were large corporations, with revenue that exceed \$12 millions. Will this SBA definition be enforced in this project....URS, Weston, Shaw etc are well above \$12 million.

This solicitation is unrestricted and proposals will be accepted from all business concerns. Please reference Block 6a of DD Form 1707 as well as paragraph B on page 2 of that form. Proposals will be accepted from large businesses as well as small businesses.

75. While we are waiting for the addendum to be released, I still have one clarification. I know what you said in your last note to me, and it said that this RFP is unrestricted and we have no problems with it. But on page 2 clause B it is clearly stated that the offerers and its affiliates must be under \$12 million.

The NAICS code for this solicitation is 562910. Under this code, "in order to qualify as a Small Business, the offeror and affiliates must not exceed \$12 million in total annual receipts." Although the solicitation is not set-aside, small businesses may offer. If they meet this NAICS criteria, the small businesses will be exempt from the provisions of Clause I171 SMALL BUSINESS SUBCONTRACTING PLAN.

STATEMENT OF WORK (Revised 07/03)**ENVIRONMENTAL RESPONSE CONTRACT
FOR
DEFENSE FUEL SUPPORT POINT (DFSP) GRAND FORKS, NORTH DAKOTA
AND DFSP CINCINNATI, OHIO**

BACKGROUND: The Defense Energy Support Center (DESC) administers military fuel storage and transportation facilities known as Defense Fuel Support Points (DFSPs). The facilities consist of tank farms, pipelines, fuel piers, rail loading racks, and tank truck loading and off-loading racks. A brief description of the facilities covered under this solicitation follows this statement of work. JP-8 is shipped from refineries and bulk storage facilities to DFSP Grand Forks by pipeline and tank truck. The fuel is then distributed to approved customers users by pipeline and tank truck. DFSP Cincinnati is closed and deactivated; therefore, no fuel storage and distribution activities are anticipated. Fuel spills related to this storage and transportation activity occasionally occur due to accidents or equipment/material failure. Such spills and leaks require a rapid environmental response to minimize contamination of the soil, air, surface water, and groundwater environment.

SCOPE: The environmental service contractor shall conduct environmental assessments, environmental remediations, and emergency responses at the following facilities: DFSP Grand Forks (Grand Forks, ND); DFSP Cincinnati (Cincinnati, OH). Based on previous experience, DESC has compiled a list of services that might be needed to respond to an environmental work requirement. Additional mitigation, assessment, or remediation techniques recommended by the contractor may be approved for use on a specific project if the contractor can satisfactorily demonstrate to DESC that the techniques are practicable as follows: (1) mitigating fuel contamination; (2) cost effective; (3) available "off-the-shelf"; and, (4) are acceptable to state and federal authorities.

a. **ASSESSMENT:** During the assessment phase of work the contractor shall evaluate the lateral and vertical extent of contaminants in the subsurface, assess the nature and extent of free product that may be present, initiate free product recovery, assess the nature and lateral extent of groundwater and soil contamination, evaluate the geologic and hydrogeologic characteristics of the subsurface, and initiate a risk assessment. The risk assessment shall provide sufficient information to be used in remedial (corrective) action plan.

Typical Activities:

- Conduct soil and groundwater sampling utilizing conventional boring or direct push technology, classification and analysis (field screening, soil/gas survey).
- Install observation and monitoring wells.
- Perform soil and groundwater analyses.
- Perform free fuel sampling and analyses including forensic testing.
- Determine free fuel plume size and mass.
- Determine dissolved fuel plume size and mass.
- Perform pump test and analyze data.
- Estimate the hydraulic conductivity (grain size, uniformity coefficient of the sediments, and porosity measurements).
- Initiate interim free product recovery.
- Prepare summary reports of activities.
- Present findings to DESC representatives, regulatory agencies, and the public.
- Conduct a risk assessment.
- Conduct treatability testing.
- Develop a remedial action plan.

b. **REMEDICATION:** During the remediation phase of work the contractor shall install a fully functional, safe and reliable remediation system to clean up the site. The contractor shall conduct concurrent engineering rather than sequential engineering. System development documents shall be produced to industry standards. System drawings shall be created with components which could be site adapted for use on future remediation projects. The contractor is encouraged to use "cut and paste" from previously used systems in order to minimize the effort to develop a remediation system. Prepared system documents shall include text to advance the project into the next stage so that documents can be used "as-is" to procure the system without procurement specs.

Typical Activities:

- Develop system drawings.
- Obtain Regulatory Agency approval.
- Procure system components.
- Construct the remediation system.
- Prepare an O&M manual.
- Perform start-up.
- Operate and maintain the system.

TASK 1. WORK PLAN. The Contractor shall develop a work plan to conduct an environmental site investigation or remediation. The purpose of the plan is to list required tasks for a specific site assessment and/or remediation. The plan shall be developed under the direct supervision of a certified hydrogeologist or geologist, with extensive verifiable experience in hydrogeology in the state in which the work is to be performed. Upon approval of the work plan by the Contracting Officer and subject to the approval of the State or local regulatory agencies, the Contractor will implement the work plan. Proposals shall be based on the assumption that 30 work hours will be required to prepare a completed work plan. The proposal shall include providing and distributing a total of five (5) copies of the Work Plan. Upon final approval of the work plan by regulatory agencies, the Contractor shall provide the Contracting Officer a record copy on CD-R media of the approved work plan and all correspondence associated with the development and approval of the work plan (e.g. transmittal letters, regulatory agency correspondence, approvals, etc.).

TASK 2. SOIL/GAS SURVEY. The Contractor shall conduct a soil/gas survey in the area of concern to aid in locating monitoring wells. At a minimum, the soil/gas survey shall be conducted using a field gas chromatograph calibrated with government furnished samples of the types of fuel stored at the particular facility on which work is to be performed. The Offeror shall assume probe depths of 4 feet and 14 feet with one unit of soil gas work equal to ten (10) soil/gas points, and shall explain in detail any additional assumptions made in its proposal.

TASK 3. GEOPHYSICAL SURVEY. The Contractor shall conduct a geophysical survey using ground penetrating radar to locate underground tanks and/or pipelines in unexposed soils. This task includes preparation and submittal to the Contracting Officer two (2) "hard" (paper) copies and one copy on CD-R media of a report explaining how the survey was conducted and detailing survey results. The Offeror shall assume one unit of geophysical survey work is equal to 10,000 linear feet.

TASK 4. SOIL BORINGS. The Contractor shall install borings using a hollow stem auger. Take soil samples every 5 feet or whenever a soil change is detected, employing a split spoon sampler. Samples shall be screened by head space analysis using an organic vapor analyzer (OVA) or equal. Drilling equipment shall be steam cleaned before installation of each boring. A certified geologist or hydrogeologist, working under the direct supervision of a registered geologist, shall be on-site throughout the drilling phase to classify soil conditions encountered, oversee boring installation, prepare boring logs, and monitor grouting of borings. Soil produced in drilling of borings shall be screened, and contaminated soil shall be placed on and covered with PVC sheeting. Non-contaminated soil shall be spread in the vicinity of the work. Disposal of contaminated soil will be authorized under Task 17. Soil handling procedures outlined under this Task are also applicable to all other Tasks where potentially contaminated soil is generated in the form of cuttings or excavation. Laboratory analysis of soil samples obtained will be ordered under Task 7.

TASK 5. MONITORING WELLS. The Contractor shall install 2" or 4" monitoring wells, as ordered. The monitoring wells shall be installed in accordance with procedures accepted by the state in which work is performed and the USEPA. Drilling equipment shall be steam cleaned before each use. Samples shall be collected using a clean split spoon every 5 feet or whenever a soil change is detected. The headspace of all soil samples shall be analyzed for volatile organic vapors using an OVA or equal. Each well shall be developed to restore the natural permeability of the surrounding formation adjacent to the borehole, and until the water removed is sand free. Water produced in well development shall be collected in drums. Uncontaminated water shall be disposed of on-site in the vicinity of the work. Disposal of contaminated water will be authorized under Tasks 17 and/or 18. The work shall include obtaining one water sample from the well after development, but analytical testing shall be ordered under Task 8. Water handling procedures outlined under this task shall also be applicable for all other tasks where water is produced with the exception of Task 12. Well construction shall be performed by personnel who are qualified in the locality in which the work is performed. A certified geologist or a hydrogeologist, working under the direct supervision of a registered geologist, shall be present as required in Task 4. Abandonment of existing monitoring wells may also be ordered under this task. Abandonment shall be conducted in full compliance with applicable regulatory agency requirements.

TASK 6. DIRECT PUSH TESTING. The Contractor shall use direct push testing procedures for screening or obtaining groundwater and soil samples for analytical testing. One soil sample and one water sample shall be collected from each probe location. Soil samples shall be screened by head space analysis using an OVA. Test probes shall be steam cleaned or otherwise effectively decontaminated after each use. The work includes grouting of bore holes in accordance with regulatory agency procedures. A certified geologist or hydrogeologist, working under the direct supervision of a registered geologist, shall be on site throughout the work to prepare logs and monitor grouting. One unit of direct push testing equals one day of on-site work. Assume a maximum probe depth of 50 feet.

TASK 7. BEACH SEDIMENT AND SHELLFISH SAMPLING. The Contractor shall obtain beach sediment, marine sediment, and shellfish samples to determine if any hydrocarbon exists. The Offeror shall submit with the proposal the sampling protocol for sediments and shellfish as required by the State in which the work is to be performed and explain in detail any assumptions made in the proposal.

TASK 8. SAMPLE TESTING. Soil samples collected under Task 4, 5, and 6 and groundwater samples collected under Tasks 5 and 6 shall be tested utilizing the test methods listed below. The types and number of tests to be performed for all Tasks will be determined at the time the work is ordered. In addition to providing "hard copies" of all analytical results, electronic deliverables of results must also be included in the price. The Offeror shall provide the turnaround time (business days) to obtain results and surcharges for 72 hour and 24 hour expedited turnaround. Sample preparation cost (extractions, dissolution, filtering, etc.) for samples requiring preparation prior to analysis shall be included in the price.

SOILS:

SW-846 METHOD

6010

8015

COMPOUNDS

Total Lead

Non-Halogenated Volatile Organics

8021	Aromatic and Halogenated Volatiles
8041	Phenols
8081	Organochlorine Pesticides & PCE's
8121	Chlorinated Hydrocarbons
8151	Chlorinated Herbicides
8260	Volatile Organics
8270	Semi-Volatile organics
8310	Polynuclear Aromatic Hydrocarbons
8440	Total Recoverable Petroleum Hydrocarbons

GROUNDWATER:
40CFR136 METHOD

418.1	<u>COMPOUNDS</u>
601	Total Recoverable Petroleum Hydrocarbons
602	Purgeable Hydrocarbons
604	Purgeable Aromatics
608	Phenols
610	Organochlorine Pesticides and PCBs
612	Polynuclear Aromatic Hydrocarbons
624	Chlorinated Hydrocarbons
625	Purgeables
	Base/Neutrals and Acids

SOILS/GROUNDWATER:

TCLP	Lead, Arsenic, Cadmium, Chromium
9045	Barium, Mercury, Selenium, Silver
1010/1020	pH
	Ignitability

PERMITTED OUTFALL AND OTHER TESTS:

Bioassay (Toxicity)
Chloride
Sulfates
Sulfides
Nitrogen
Phenols
Turbidity
Lead
pH
Settleable Solids
Total Dissolved Solids
BOD
Suspended Solids
EDB
Phenolic Compounds (Chlorinated)
Oil & Grease
EPA-TO-14 (BTEX Only)
Nitrate/Nitrite
Ammonia
Total Organic Carbon
Orthophosphate
Moisture Content
Total Bacterial Plate Count
Selective Bacterial Plate Count
Particle Size Analysis ASTM D 422
Hydraulic Conductivity ASTM D 5084
Permeability of Granular Soils ASTM D 2434

TASK 9. WELL SURVEY. Following completion of monitoring well installation, the wells will be surveyed for plan location with respect to existing site facilities and for elevation. The ground surface elevation will be recorded as well as the top of casing of each well. The elevation will utilize the same datum as the existing monitoring well system or to another datum suitable for the site. A state licensed surveyor will perform the work. One unit of surveying consists of locating and plotting 10 wells.

TASK 10. RECOVERY WELLS. In the event free product is detected in any boring or monitoring well, a 6" diameter product recovery well shall be installed. The work shall include installation of the 6" diameter well and installation of a water table depression and free product recovery pump system. The proposal shall also include the cost to convert an existing 4" monitoring well to a recovery well by installing a water table depression and free product recovery pump system. The pump system shall be rated 2-10 GPM suitable for a 50 ft. well. The work is to include all electrical and plumbing requirements within the well up to the top of the well casing. Provisions for electrical power, storage and disposal of recovered fuel, and water handling will be ordered under other appropriate Tasks depending on site specific conditions. Monthly operation and maintenance of the recovery well system shall be identified separately in the proposal and shall include all efforts required to keep the pump system operational.

TASK 11. RECOVERY TRENCH SYSTEM. The Contractor shall construct a closed interceptor recovery trench and well system. Trench walls shall be lined with PVC sheeting on the down gradient side. A perforated drain line shall be installed on the trench floor and the trench shall be backfilled with coarse gravel. Recovery well requirements shall conform to the requirements of Task 10. The Offeror shall assume that one unit of trench system is 50 feet long, 5 feet wide and 10 feet deep. The pump system shall be rated 2-10 GPM. The work is to include all electrical and plumbing requirements within the trench/well up to the top of the trench. Provisions for electrical power, storage and disposal of recovered fuel, and water handling will be ordered under other appropriate tasks depending on site specific conditions. Monthly operation and maintenance of the recovery system, shall be identified separately in the proposal and shall include all efforts required to keep the pump system operational.

TASK 12. PUMP TEST. Perform a pump test to establish the optimum pumping rate and to evaluate the safe yield of the pumping well. The Contractor shall measure pre-test fluctuations of the groundwater levels in the production and observation wells. The pump test shall be conducted using a 6" diameter production well and two 2" diameter monitoring wells adjacent to the production well. Well installation costs will be as provided in Task 5. The Contractor shall pump from the production well and observe water levels in the observation wells during the entire duration of pumping and after pumping is completed until at least 90% of the initial static water level is recovered. Pumping shall be performed for a minimum of 8 hours. Assume discharge water can be disposed of without any special treatment. Contractor shall interpret, tabulate, and provide graphical representation of the results. Finally, Contractor shall conduct a simulation of groundwater recovery through computer modeling to determine the optimum groundwater pumping rate for remediation. The work shall include all necessary equipment and personnel to conduct the test and analyze results.

TASK 13. REMEDIATION. The results of the feasibility study and/or pilot test requested for the remediation systems listed below shall be used to install a functional full scale remediation system. Documentation shall be prepared in sufficient detail to obtain approval of the system from regulatory agencies and enable installation and operation of the system. Actual installation of the system will be ordered under Tasks 17 and 18. As part of the proposal, Offerors shall submit a summary of the process to be used to proceed from the feasibility study/pilot test phase to the full scale operational system for each remediation method. Reasonable assumptions about the size of the contaminated area, depth to groundwater, etc. should be made and explained. Proposals shall include the cost of studies/texts, the estimated number of man-hours and cost per man hour to develop system documentation in sufficient detail to obtain regulatory agency approval for the remediation method and enable the Contractor to install a full scale system.

a. Vapor Extraction System. Conduct a feasibility study and pilot test for a functional vapor extraction system. The pilot test shall as a minimum consist of installing four (4) vapor extraction wells to evaluate the region of influence, evacuation rates, and concentration of TPH in the extracted vapor stream by connecting a vacuum blower to one extraction well and monitoring the vacuum in the other wells.

b. In-Situ Bioremediation system. Contractor shall conduct a bioremediation feasibility study to execute an in-situ bioremediation process. The Offeror shall include in the proposal a detailed explanation of what the study will include, but at a minimum include the following:

- i. Conduct literature search
- ii. Run general organic concentration tests
- iii. Run treatability studies
- iv. Select biological process to be applied

c. Air Stripper. Conduct an on-site pilot test using a mobile packed tower or any other acceptable method to examine the effects of such parameters as liquid loading rate, air: water ratio and packing height. Assume a flow rate of 2-10 GPM and a groundwater contamination level of 500 ppm TPH.

d. Liquid Phase Carbon Adsorption. Develop a liquid phase carbon adsorption system based on treating a 10 GPM flow at a contamination level of 500 PPM TPH using existing liquid phase adsorption isotherms, with effluent meeting drinking water standards.

e. Bioventing. Conduct a pilot test to evaluate soil permeability and the ability to move air through the soil, and increase subsurface oxygen concentrations. Specifically:

- i. Determine the air permeability and effective radius of influence of injection wells.
- ii. Assess biologic uptake of available oxygen, and resulting carbon dioxide production.
- iii. Evaluate bioventing as a primary remediation system or in conjunction with other technologies.

- f. **Air Sparging.** Conduct a pilot test to determine the effectiveness of air sparging. Injected air must contact impacted groundwater, and move through the groundwater to the vadose zone where it can be collected by a vapor extraction system. Use vadose zone soil-gas pressure, oxygen and carbon dioxide concentration measurements to determine additional indications of influence from the observation wells.
- g. **Steam Injection.** Evaluate steam injection as a remedial technology using laboratory analysis. The purpose of the steam stripping shall be to evaluate the effectiveness of applying steam to remove adsorbed-phase organic compounds from the soil. Steam stripping shall be achieved by raising the matrix temperature resulting in elevated vapor pressure, reduced viscosities and increased mobility.
- h. **Bioslurping.** Conduct tests to evaluate bioslurping technology. The evaluation shall include bioventing employing low flow vapor extraction and free product recovery employing vacuum enhanced pumping.
- i. **Other.** Offerors are invited to submit lump sum prices and details for alternative remediation methods for contaminated soil and/or water.

TASK 14. SITE OPERATIONS AND MAINTENANCE (O&M). Provide O&M of potential remediation systems at DFSP Grand Forks or Cincinnati in accordance with the O&M manual.

TASK 15. MONITORING. Conduct environmental sampling and monitoring programs at DFSPs Grand Forks and Cincinnati in accordance with existing state-approved self-monitoring programs. The work includes preparation and submittal to the Contracting Officer of one draft copy of any required report. Upon approval by the Contracting Officer prepare and submit one (1) final copy to the state, one (1) copy to the facility and one (2) copies to the Contracting Officer. Upon final approval of all monitoring reports for each calendar year, provide the Contracting Officer one (1) CD-R media copy of all monitoring reports for the year to include all documents and correspondence relative to the reports.

TASK 16. REPORTS. No later than 60 days after completion of any field work and/or receipt of analytical results, the Contractor shall prepare and submit five (5) copies of a report of findings to the Contracting Officer. After the report has been finalized and approved, provide the Contracting Officer one (1) CD-R media copy of the report to include all documents and correspondence relative to the report. The report shall include a description of site conditions and the condition of the soils, surface water, groundwater and any remediation that was accomplished. Proposals shall be based on the assumption that 30 work hours will be required to prepare a completed report. Specific enclosures would typically include the following where applicable:

- a. Site location map.
- b. The geologic description and classification of subsurface soils.
- c. Typical geological cross sections.
- d. Monitoring well boring logs.
- e. Well locations and elevation survey.
- f. Groundwater flow map.
- g. Sampling QA/QC information.
- h. Laboratory analytical results for soil and water samples.
- i. Description of any remedial action that was completed.
- j. Recommendations for future activities with estimated costs.

TASK 17. MISCELLANEOUS SERVICES. When authorized by the Contracting Officer, the Contractor shall provide environmental services not specified elsewhere in this contract. The Government reserves the right to accomplish this work with its own forces or by other contracts when the Contracting Officer determines that it is in the best interest of the Government. Unit prices offered for work accomplished under TASK 17 shall be for the prime contractors and any sub-contractors allowable, allocable, and reasonable direct costs pursuant to FAR Section 31 plus any associated indirect costs allowable under the provisions of FAR Section 31.

TASK 18. OTHER DIRECT COSTS (COST REIMBURSEMENT). In the event the Government requires services, materials, or supplies to be provided under this contract the cost of which has not been provided for under any other contract line item, such services, materials, and supplies will be furnished under Task 18. This is the only Task under this contract for which the contractor will be entitled to mark-ups for overhead and profit (OH&P) to be added to the direct cost of the work since the prices offered on all other TASKS are assumed to include OH&P. Offerors are required to provide the total percentage of mark-up to be added to their direct cost for work ordered under CLIN 0018. The Government estimate of cost of services under TASK 18 is shown under CLIN 0018 in Clause M28.04.100.

TASK 19. BACKGROUND REVIEW. The Contractor shall be responsible for understanding the existing site conditions at the DFSPs in order to carry out ongoing and future environmental projects and to represent the Government at meetings (i.e., RAB, state, etc.). Unreasonably low review hours and key personnel mix will demonstrate that the contractor does not understand the complexity of work. Copies of past environmental studies for each site are available at the following locations:

- a. DFSP Grand Forks: Ft. Belvoir, VA
- b. DFSP Cincinnati: Ft. Belvoir, VA

SPECIAL NOTES:

- a. Normal facility operating hours are from 7:00 AM to 4:00 PM Monday thru Friday except Federal holidays. The Contractor will confine his operations to these hours except under emergency conditions when special access will be authorized. The contractor, under special circumstances, may be required to work at night along the cross-country pipelines (e.g. to minimize the adverse impact to traffic on public roads).
- b. The Contractor will familiarize all of his on-site personnel with terminal safety regulations and insure compliance with them. Electrical equipment used within storage tank dike areas will be suitable for operation in a Class 1 Division 1 Group D area as defined by the National Electrical Code. Internal combustion engines will be equipped with spark arrestors on exhausts. Atmosphere in the work area will be monitored with an explosimeter. All work will be halted whenever readings exceed 25% of the lower explosive limit.
- c. All nonusable surplus material and debris resulting from work under this contract shall be removed from the site by the Contractor. The Contractor shall be responsible for transportation and disposal of nonhazardous debris, rubbish, and nonusable material resulting from work under this contract. Nonhazardous waste must be disposed of by the Contractor off Government property except for nonhazardous soil cuttings from boring and monitoring well construction and nonhazardous groundwater from monitoring well development, which may be spread on-site adjacent to the location at which they were generated.
- d. The Contractor may be tasked to properly dispose of hazardous soil cuttings and/or water generated as a result of work under this contract. Disposal shall include packaging, labeling, temporary storage, and transportation in accordance with all applicable federal, state, and local statutes and regulations. Manifests for transportation and disposal of the waste shall be prepared by the Contractor and will be signed by a Government representative. A copy of the manifest shall be provided to the Contracting Officer. Reimbursement for the disposal of hazardous waste shall be made CLIN 0018.
- e. Proposals shall be based on the assumption that all work areas are accessible to rubber tire mounted equipment. Additional compensation will be negotiated under CLINs 0017 and/or 0018 for access to those areas accessible by a tracked vehicle or other specialized equipment.
- f. The terminal superintendent will assist the contractor in locating sub-surface utilities. In addition, the contractor shall make use of all available resources to avoid damaging utilities to include checking "as-built" drawings, utility locating services (Miss Utility, Underground Service Alert, etc.), and electronic pipe/cable locators.
- g. If the Offeror has suggested alternatives to the specific requirements in the Statement of Work, those suggestions should be addressed in a separate section of the proposal.

ENVIRONMENTAL RESPONSE CONTRACTFACILITY DESCRIPTIONSDFSP CINCINNATI, OHIO

OPERATIONAL STATUS: Closed

ADDRESS: Defense Fuel Support Point, 4820 River Road, Cincinnati, Ohio 45224

TYPE(S) OF FUEL: JP-8,

STORAGE CAPACITY: 6 bulk ASTs - all empty and deactivated

SIZE OF FACILITY: 67 acres

RECEIPT MODES: Deactivated barge pier and tank truck loading rack

SHIPMENT MODES: Deactivated barge pier tank and tank truck loading rack

NOTE: This facility is currently being evaluated for (1) the presence of lead paint chips inside the dike berms; (2) dissolved phase and separate phase petroleum in soil and groundwater.

DFSP GRAND FORKS, NORTH DAKOTA

OPERATIONAL STATUS: Open

ADDRESS: 4128 A 27th Avenue North, Grand Forks, ND 58203-1338

TYPE(S) OF FUEL: JP-8 (jet fuel)

STORAGE CAPACITY: 217,539 barrels in nine aboveground steel tanks; and, 1000 gallons in two underground storage tanks

SIZE OF FACILITY: 11 acres

RECEIPT MODES: Pipeline and tank truck loading rack

SHIPMENT MODES: Tank truck and cross country pipeline to Grand Forks AFB

Phone Number: 701-795-1383

Hours: 7:00 AM to 4:00 PM, Mon-Fri

NOTE: This facility is currently being monitored for the presence of jet fuel in soil and groundwater. Requires annual sampling of groundwater monitoring wells.

Attendees at the Pre-Proposal Conference, DFSP Cincinnati, OH on June 24, 2003.

<p>Amy V. Loar Contracting Officer Defense Energy Support Center, DESC-FPA (703) 767-9329 Amy.Loar@dla.mil</p>	<p>Kola Olowu Technical Representative Defense Energy Support Center, DESC-FQ (703) 767-8316 Kola.Olowu@dla.mil</p>
<p>Carrie L. Cross Contract Specialist Defense Energy Support Center, DESC-FPA (703) 767-9331 Carrie.Cross@dla.mil</p>	<p>Richard Buckler Statewide Environmental 270-692-9860 swes52@yahoo.com</p>
<p>Michael S. Bracey Handex Group, Inc. Phone (513) 942-9343 mbracey@handexmail.com</p>	<p>Mike Alexander Handex Group, Inc. Phone (513) 942-9343 Ext. 14 mialexander@handexmail.com</p>
<p>Asif Bhatti Applied Environmental, Inc 419-340-2746 asbhatti@aol.com</p>	<p>Mike Glaze Applied Environmental, Inc 419-340-2746 asbhatti@aol.com</p>
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<p>Erica DeLattre Rhea Engineers 724-443-4111 erica@rhea.us</p>	<p>Marcy Gallick Rhea Engineers 724-443-4111 marcey@rhea.us</p>
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<p>Dennis Connair URS Corporation 513-251-3440 dennis_connair@urscorp.com</p>	<p>Jeff Fleming URS Corporation 865-220-8157 jeff_fleming@urscorp.com</p>
<p>Karl Van Keuren Shaw Environmental 513-782-4745 Karl.vanKeuren@shawgrp.com</p>	

Attendees at the Pre-Proposal Conference, DFSP Grand Forks, ND on June 25, 2003.

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