

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE	PAGE 1 OF 5 PAGES
2. AMENDMENT/MODIFICATION NO. AMENDMENT NO. 0001		3. EFFECTIVE DATE 09/20/07	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) 07-0096	
6. ISSUED BY Resident Officer in Charge of Construction 1005 Michael Road Camp Lejeune, NC 28547-2521		CODE mks	7. ADMINISTERED BY (If other than Item 6) See Item 6		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(X)	9A. AMENDMENT OF SOLICITATION NO. N40085-07-R-0096
				x	9B. DATED (SEE ITEM 11) 09/18/07
					10A. MODIFICATION OF CONTRACT/ORDER NO.
					10B. DATED (SEE ITEM 11)
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 \_\_\_\_\_ 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 your 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 ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	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.)

07-0096, Concrete Slab Demolition, Various Locations

(CONTINUED)

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  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED

CONTINUATION SHEET

1. Question: What type of contaminated material will the besting be for?
  1. Answer: Sampling/testing procedures will adhere to attached guidance from Base Environmental Management Division.
  
2. Question: Some sites have more than one slab. Will each slab at the sties need to be tested or one test for each site?
  2. Answer: Each slab will undergo constituent testing.
  
3. Question: Are any of the sites covered under the Resource Conservation & Recovery act permits?
  3. Answer: Yes, all known contamination sites are covered under the Base's RCRA Hazardous/Solid Waste Amendment Permit (Permit # NC6170022580).

## Soil Sampling Guidance Document

### Policy:

Soils sampled for characterization and/or proper disposal in a project area must adhere to guidance pursuant to G.S. 143-215.77, 15A NCAC 13A.0106, .0107 & .0112 and any other regulations as applicable. All guidance information found in this document can be found in the “North Carolina Hazardous Waste Section (HWS) “Contained-in) Policy for Soil Contaminated with Listed Hazardous Waste”. During the excavation of soils, every effort should be made to segregate clean soil from contaminated soil (e.g. Plastic Liner). This effort should include visual inspections for evidence of staining or odors, and periodic screening with a photo ionization detector (PID) to measure for organic vapors. All soil samples should be collected under the responsible charge of a professional engineer or licensed geologist to ensure proper sampling procedures are followed. Per North Carolina Department of Environmental and Natural Resources (NCDENR) Guidelines, no contaminated soils will be placed back into an excavation.

### **Constituents to sample for:**

#### **Soil:**

##### **1. Contaminants of Concern:**

Petroleum, Oils & Lubricants (POLs)

##### **2. Sampling Methods:**

Volatile Organic Compounds (VOCs)	Method 8260B
Semi-Volatile Organic Compounds (SVOCs)	Method 8270C
Polyaromatic Hydrocarbons (PAHs)	Method 8310
Total Petroleum Hydrocarbons (TPH)	5030A/8015A (mod) – TPH gasoline
(diesel and gasoline)	3550A/8015 (mod) – TPH diesel

#### **Groundwater:**

If intruding into groundwater, all groundwater must either be left in the excavation or containerized for sampling before disposal. Unless analysis shows no contamination in the containerized groundwater, it cannot be pumped out of the excavation and onto ground surface.

### **In-Situ Sampling Requirements (Waste Characterization before Excavation)**

Samples collected for waste characterization within a known contamination site must be analyzed for those constituents of concern identified in the site assessment (listed above). To identify all potential constituents of concern, soil samples collected during in-situ soil assessment should be analyzed for total concentrations of hazardous constituents. The facility must report all hazardous constituents detected in assessment sampling, including those detected below the quantitation limit of the laboratory method (i.e. estimated or “J” values). **All Sample results must be submitted to EMD for review and possible reporting requirements.** In addition, sample procedures should meet the requirements of the EPA Region 4's Standard Operating Procedures (SOP) manual for in-situ soil sampling. EPA’s SOP, entitled “*Environmental Investigations Standard Operating Procedures and Quality Assurance Manual,*” describes the type of sample container, chain-of-custody, order of sample collection, etc. and other

requirements to be followed when collecting samples for a waste determination. It is available for download at <http://www.epa.gov/region4/sesd/eib.html>

**Note:** In areas with known contamination or where characterization sample results exceed prescribed constituent contamination limits, the action sponsor must insure any work done in contaminated areas be performed by properly trained personnel (see 29 CFR 1910.120(e).

**Contact the Environmental Quality Branch (EQB) of the Environmental Management Division (EMD) at 451-5068 for any further questions.**

**Sampling Procedures for stockpiled soils:**

**(Note: Contaminated soils awaiting disposition must be stockpiled within a containment area consisting of 30 mil (minimum) polyethylene bottom liner. All contaminated soils must be covered with a 6 mil (minimum) polyethylene liner and a straw bale berm provided to prevent release).**

**Collection Procedure for Waste Characterization (Non-volatile)**

One composite sample will be required for each roll-off box or 25 cubic yards of soil from a stockpile. When sampling a roll-off box or stockpile, a minimum of five sampling locations should be selected at random. Using an auger or a split spoon sampler, an aliquot of soil will be collected from the upper, middle, and bottom portion at each sample location. The sample aliquots should be mixed per EPA SOP manual requirements (USEPA, Region IV, Environmental Services Division [ESD], Environmental Compliance Branch Standard Operating Procedures and Quality Assurance Manual [ECBSOPQAM], May 1996) and composited into one sample for laboratory analysis. The facility should ensure they collect enough sample for total concentration and leachate testing if required.

**Collection Procedure for Waste Characterization (Volatile)**

At least two primary samples should be collected from each roll-off box or 25 cubic yards of soil from a stockpile. When sampling a roll-off box or stockpile, sample locations will be selected at random. Primary samples will be collected by filling two sample containers at each sample location. Sample aliquots must be collected from the middle or lower portion of the boring at each sample location using an auger or split spoon sampler. The facility should ensure they collect enough sample for total concentration and leachate testing if required.

**Collection Procedures for Backfill Materials (if other than Base Borrow Pit Source)**

At least one sample should be collected from the borrow source to backfill the excavation area. When sampling a borrow source, a minimum of five sampling locations should be selected at random for a single composite sample. The sampling method shall be the same as that mentioned above for the stockpiled samples.

**Analytical Procedures for stockpiled soils**

Samples will be extracted using the leaching procedure in SW-846 Method 1311 (TCLP). The extract from each sample will then be analyzed for all constituents of concern identified during assessment sampling (i.e., VOCs, SVOCs, and pesticides). Appropriately sensitive analytical methods, capable of detecting constituents of concern at the lowest possible detection limit, should be utilized to analyze the extract. In addition, samples will also be analyzed for RCRA

waste characteristics including pH (Method 9045C), ignitability (Method 1010/20), and reactivity (Chapter 7.3).

**Analytical Procedures for backfill materials (if other than Base Borrow Pit Source)**

Samples from the borrow source will only require analysis for total concentrations and will not require leaching procedures. These analyses shall include VOCs, SVOCs, and pesticides per the methods identified above.

Analytical results should be scientifically valid, defensible, and of known precision and accuracy. Information required from the laboratory include data from laboratory quality control samples and the corresponding acceptance criteria, a laboratory narrative noting any problems with the data, method detection and quantitation limits, and identification of any estimated values of constituents detected below the quantitation limit.

**Reporting (To Base EMD)**

In addition to the constituents of concern, analytical results of all analytes detectable by a particular method should be reported. Any detection of a hazardous constituent (including detections below the method quantitation limit) should be reported. This information will be used to determine the disposal options for the contaminated soil.

**Disposal Options**

It is recommended that preparations for different disposal options occur prior to excavation. Excavated soil has the following disposal options: 1) soil that does not contain hazardous constituents above the levels that are described in this policy may be sent to a Subtitle D MSWLF, 2) soil that does not contain hazardous constituents above unrestricted use levels may be used on-site, or 3) soil containing hazardous constituents above “contained-out” levels must be managed as hazardous waste and transported to a Subtitle C landfill or treatment facility with the associated hazardous waste manifesting.

**(Note: all contaminated soils transported off Base must be manifested through the Base Resource Conservation and Recovery Section (RCRS) of EMD).**