

<b>SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS</b> <i>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30</i>				1. REQUISITION NUMBER		PAGE 1 OF 7		
2. CONTRACT NO.		3. AWARD/EFFECTIVE DATE	4. ORDER NUMBER		5. SOLICITATION NUMBER DACW31-03-T-0054		6. SOLICITATION ISSUE DATE 18-Apr-2003	
7. FOR SOLICITATION INFORMATION CALL:		a. NAME JACQUELI HENDERSON			b. TELEPHONE NUMBER (No Collect Calls) 410-962-3529		8. OFFER DUE DATE/LOCAL TIME 04:00 PM 06 May 2003	
9. ISSUED BY  CONTRACTING DIVISION PO BOX 1715 BALTIMORE MD 21203-1715  TEL: 410-962-5638 FAX:		CODE CA31	10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED <input type="checkbox"/> SET ASIDE: % FOR <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> SMALL DISADV. BUSINESS <input type="checkbox"/> 8(A)  SIC: 1700 SIZE STANDARD: \$7.0			11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE		12. DISCOUNT TERMS
15. DELIVER TO HTRW MILITARY ANDREA GRAHAM PO BOX 1715 BALTIMORE MD 21203-1715 TEL: 410-962-4865 FAX:		CODE E1L0130	16. ADMINISTERED BY					CODE
17a. CONTRACTOR/ OFFEROR		CODE	18a. PAYMENT WILL BE MADE BY					CODE
TEL.		FACILITY CODE						
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER			18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM					
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT	
<b>SEE SCHEDULE</b>								
25. ACCOUNTING AND APPROPRIATION DATA						26. TOTAL AWARD AMOUNT		
<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED.						ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED		
<input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED.						ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED		
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>2</u> COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.				29. AWARD OF CONTRACT: REFERENCE <input type="checkbox"/> OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:				
30a. SIGNATURE OF OFFEROR/CONTRACTOR			31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)			31c. DATE SIGNED		
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)		30c. DATE SIGNED	31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT)					
			TEL:		EMAIL:			
32a. QUANTITY IN COLUMN 21 HAS BEEN <input type="checkbox"/> RECEIVED <input type="checkbox"/> INSPECTED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED			33. SHIP NUMBER PARTIAL FINAL		34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR		
32b. SIGNATURE OF AUTHORIZED GOVT. REPRESENTATIVE		32c. DATE	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL			37. CHECK NUMBER		
41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT			38. S/R ACCOUNT NUMBER		39. S/R VOUCHER NUMBER	40. PAID BY		
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER		41c. DATE	42a. RECEIVED BY (Print)					
			42b. RECEIVED AT (Location)					
			42c. DATE REC'D (YY/MM/DD)	42d. TOTAL CONTAINERS				

Section SF 1449 - CONTINUATION SHEET

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	MAINTENANCE REPAIRS FT. MEADE FFP CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, PERMITS, FEES AND ANY OTHER FORESEEABLE EXPENSES IN ACCORDANCE WITH THE ENCLOSED SPECIFICATIONS: PROVIDE MAINTENANCE REPAIRS TO INACTIVE LANDFILLS #1 AND #2 AT FT. MEADE, MD. SERVICES SHALL INCLUDE: SURFACE SWEEP; FENCE DEFICIENCY REPAIRS AND MAINTENANCE; EROSION IMPACT REPAIRS; WORK PLAN; SITE SAFETY AND HEALTH PLAN; CONTRACTOR QUALITY CONTROL PLAN AND A FINAL REPORT. ALL SERVICES SHALL BE COMPLETED ON OR BEFORE 31 JULY 2003. P.O.C.: ANDREA GRAHAM (410)962-4865, CONTRACTING P.O.C.: JACKIE HENDERSON (410)962-3529 ELECTRONIC RESPONSES MAY BE SENT TO: Jackie.E.Henderson@nab02.usace.army.mil	1	Lump Sum		

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NET AMT

FOB: Destination

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	N/A	N/A	N/A	Government

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
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0001 31-JUL-2003

1

HTRW MILITARY  
ANDREA GRAHAM  
PO BOX 1715  
BALTIMORE MD 21203-1715  
410-962-4865  
FOB: Destination

E1L0130

## SCOPE OF WORK

### SCOPE OF WORK

for

MAINTENANCE REPAIRS

at

INACTIVE LANDFILL #1 and #2

April 1, 2003

### 1. BACKGROUND

Fort George G. Meade is located in northwestern Anne Arundel County, Maryland directly west of the city of Odenton and directly east of the city of Laurel, the Baltimore-Washington Parkway (U.S. Route 295), and the Maryland Route 32 interchange.

Fort Meade has been a permanent U.S. Army installation since 1917 and comprises approximately 13,000 acres. In December 1988 the Secretary of Defense issued a Base Realignment and Closure report identifying approximately 9,000 acres for closure and realignment at Fort Meade. On October 16, 1991 the U.S. Army transferred 7,600 of the 9,000 acres to the Department of the Interior under the direction of the Patuxent Wildlife Research Center.

IAL #1 occupies approximately 16 acres south of the Little Patuxent River and north of Bald Eagle Drive (Figure 1). IAL #1, considered to be part of the Tipton Airfield parcel, is physically separated from the airfield by the river.

IAL #1 was an unlined sanitary landfill from approximately 1950 to 1964, according to an enhanced Preliminary Assessment (PA) report (USACE, 1989). There is no known information denoting the types of materials disposed of in IAL #1. The tree line from 1963 is believed to correspond to the present-day tree line. This tree line seems to indicate the maximum extent of landfill activities at the site.

A 3-foot thick earthen UXO safety cover was previously installed for IAL #1. The Army is required to monitor the site and minimize any impacts due to erosion.

Inactive Landfill #2 occupies approximately 24 acres and is located south of Tipton Airfield and is bordered by Wildlife Road to the southeast (Figure 2). The site is north of New Tank Road and approximately 450 feet northeast of the little Patuxent River. The southern gate to IAL #2 is along the south fence, off of Wildlife Road. There are two gates to the site from the north fence. One is at the northwest corner of IAL #2 and the other is near the northeast corner. A few roads enter the site at the south gate. One road runs toward the west fence before it turns back toward the gate; the other road runs into approximately the center of IAL #2. A dirt road also runs from the south gate, through IAL #2, out the north gate, and into Tipton Airfield. Other unnamed paths also provide access between the site and the Little Patuxent River.

IAL #2 was initially a soil borrow area as early as 1938. Sometime after 1952 it became an unlined rubble disposal facility, according to the enhanced PA (USEPA, 1996), and reached its maximum extent by 1963. Disturbed areas are visible in aerial photographs from 1986. Piles of rubble which seem to be of even more recent origin were observed on the north side of IAL #2. Pre-airfield construction field notes dated June 5, 1956 state mustard gas containers were found in the borrow pit, which is now IAL #2. If there are any remaining mustard gas containers,

the ASR believes they are located above the old forge bridge on the west side of the IAL #2 access road. This area may now be covered with up to 15 feet of earth and debris.

A fence was previously installed by the Army that surrounds IAL #2 to provide site security. The Army is required to perform periodic fence inspections to guarantee continued security for the area.

## 2. OBJECTIVE

The objective of this Scope of Work is to perform maintenance repairs to IAL #1 and #2 as identified in Maintenance Inspection Report prepared by Groundwater & Environmental Services, Inc. (March 2002). Under an agreement from a Decision Document (9 July 1998), the U.S. Army is required to perform yearly maintenance inspections of both IALs. The performance of maintenance repairs to IAL #1 will be as an optional task, based on the availability of sufficient funds. If funding is insufficient at this time, these repairs will be revisited when additional funding becomes available.

On 11 February 2002, GES performed the annual maintenance inspections of IAL #1 and #2 on behalf of the U.S. Army Corps of Engineers (USACE). GES inspected IAL #1 to determine any erosion impacts to the soil cap of the landfill. GES inspected the fence surrounding IAL #2 to identify any areas of the fence that require maintenance or repair. During the inspection of IAL #1, two areas suffering from erosional impacts were identified. In order to preclude problems that may arise from erosion on and around the landfill, maintenance repairs to the cap and a nearby stream bank are recommended. During the inspection of IAL #2, significant vegetative growth in and along the fence and several fallen trees were identified. Removals of this vegetation, and repairs to sections of the perimeter fencing are recommended to maintain the integrity of the fence surrounding the landfill.

## 3. SCOPE OF SERVICES

The selected contractor shall furnish all labor, materials, equipment, permits, fees and any other foreseeable expenses that are not necessarily called out in this document to complete all the work specified herein. Any deviation from the Scope of Work must be indicated in a clear manner in the final proposal.

### 3.1. IAL #2 Scope of Services

#### Surface Sweep

Prior to initiation of vegetation removal and fence repairs, a surface sweep for UXO of the entire perimeter area adjacent to the fence must be performed IAW EP 75-1-2. In order to maximize the efficiency of the surface sweep, a single five-foot wide lane is to be swept along each side of the fence. These lanes along the fence will then become the areas that will be maintained in order to prevent overgrowth of the fence and subsequent damage. This will also facilitate future routine inspections of the fence. Appropriate UXO-Support will be required for this activity. USACE EP 75-1-2 shall be used for planning and supporting this work.

#### Fence Deficiencies

The fence inspection at IAL #2 revealed excessive vegetative overgrowth. Both sides of the east fence are covered in briars beginning near Wildlife Road and extending approximately 75% of the length of the fence towards the northeast corner. Other areas have significant growth as well. In addition to the general vegetative growth along and in the fence, there are two trees that have fallen on the fence. The first is along the west fence approximately 250 feet from the northwest corner of the site. This tree also broke a fence cap. The other tree fell on the east fence near the southeast corner, close to Wildlife Road.

In addition to making repairs to the fence, appropriate signage (maximum 20) will be placed along the perimeter of the fence to provide warning for people to stay out of the fenced area. These signs should be placed at least every 205-ft. around the fence, or, more often, to insure that the signs will be visible to anyone approaching the fence. The signs should state, "US Government Property – Keep Out." The size of the signs will be 24" wide by 14" high. The signs shall be white with black letters. A 4" high caution band at the top of the sign shall have a red background with white letters, stating, and "Caution."

#### Maintenance and Repairs

All vegetation on both sides of the fence shall be cleared. During the site visit the fence length was determined to be 4,092-ft. Clearing shall include:

- o Clear vegetation five feet from both sides of the fence line via mechanical brush mowers, etc. including removing fallen trees.
- o Vegetation is ONLY required to be removed out-side the fenced area.

After all vegetation has been cleared, any and all necessary repairs to the fence (including links, posts, caps and barbwire) shall be repaired.

### 3.2. IAL #1 Scope of Services

IAL #1 is divided into four areas, Area 1 through Area 4. During the inspection, GES identified a section of Area 3 and Area 4 that are suffering from erosion impacts. The contractor shall remove all tree tubes and mow any remaining trees.

#### AREA 3

##### Erosion Impacts

This section is located on the northern edge of Area 3 (approximately .3-acre) adjacent to the unnamed tributary stream that feeds the Little Patuxent River (refer to Figure 1). The tributary stream is currently eroding the steep pitched bank that separates the stream from the landfill. Construction debris from the landfill is visible on the topside of the bank including concrete and what may be asbestos tile. This section was identified as an area for repair/restoration due to the fact that continued stream erosion may compromise the integrity of the northern edge of this section of the landfill and potentially expose additional landfill material.

##### Repairs

The bank that separates the unnamed tributary stream and Area 3 of IAL #1 shall be restored. Restoration shall include:

- o Use of rock and geotextile fabrics along the stream bank, and
- o Stabilization of the soil cover in the area of the bank using seed and mulch.

##### Additional Services

The contractor shall have a professional land surveyor complete a site survey prior to and after the repairs to the IAL #1, ~ 8-acres, along the stream bank and erosion areas of the cap. Based upon available documents, there are no final As-Built drawings that depict the current elevations and layouts of IAL #1 since the soil cover was constructed. The site survey to be completed after the repairs shall be included in the Final Report and become the As-Built drawing of record.

#### AREA 4

##### Erosion Impacts

This section is located in the northwest corner of Area 4 (approximately .3-acre) along the northern edge of IAL #1 (refer to Figure 1). A small section of the soil cap is eroding. This section was identified as an area for repair due to the potential for further erosion and exposure of landfill material.

##### Repairs

The section of the soil cover of Area 4 of IAL #1 should be stabilized. Stabilization should include:

- o Use of compacted, clean fill to fill in the eroded section, and
- o Stabilization of the fill using seed and mulch.

It is estimated that 10 cubic yards of the soil cover of IAL #1 will require stabilization.

## 4. OTHER DELIVERABLES

### 4.1. Work Plan

A work plan shall be developed with appropriate level of design and submitted to the COR for review and approval detailing the steps that will be taken to accomplish the work outlined in section 3.0. This work plan shall include a UXO work plan, as required by EP 75-1-2.

#### 4.2. Site Safety and Health Plan

A Site Safety and Health Plan (SSHP) shall be developed and implemented in accordance with USACE ER 385-1-92, Safety and Occupation Health Document Requirements for Hazardous, Toxic and Radioactive Waste (HTRW) and Ordnance and Explosive Waste (OEW) Activities. This plan shall be submitted for review by the COR and found to be acceptable prior to initiating activities on-site that could involve worker exposure to hazardous materials or waste or OEW. In addition, all site activities shall be conducted in accordance with USACE EM 385-1-1.

#### 4.3. Contractor Quality Control Plan

A Contractor Quality Control (CQC) Plan shall be developed and implemented in accordance with USACE ER 1180-1-6, Construction Quality Management, and U.S. Army Corps of Engineers Guide Specification (CEGS) 01451.

#### 4.4. Final Report

The Final Report will provide a complete summary of the work accomplished and recommendations for future LTM for the sites. This report shall be delivered in both hard copy and in electronic form on CD in Word.

### 5. PERIOD OF PERFORMANCE AND TIME OF DELIVERABLES

Work Plan (Draft): Within 60 days after award of Delivery Order.

Work Plan (Final): Within 14-days after receipt of comments.

Site Safety and Health Plan (Draft): Within 60 days after award of Delivery Order.

Site Safety and Health Plan (Final): Within 14-days after receipt of comments.

Contractor Quality Control Plan (Draft): Within 60 days after award of Delivery Order.

Contractor Quality Control Plan (Final): Within 14-days after receipt of comments.

Draft Final Report: Within 30 days after completion of task.

Final Report: Within 14-days after receipt of comments.

All Services: On or before 31 July 2003

### 6. PLACE OF DELIVERY AND POINTS OF CONTACT

The original documentation to be provided hereunder shall be delivered to:

Mrs. Andrea Graham  
U.S. Army Corps of Engineers  
CENAB-EN-HM  
10 South Howard Street  
Baltimore, MD 21201

Phone: 410-962-4865

FAX: 301-677-0363

Copies of the documentation to be provided shall be delivered to:

Engineering Division (3 copies) – Andrea Graham 410/962-4874

Fort Meade BEC (4 copies) - Kim Gross 410/962-6735