DEPARTMENT OF THE ARMY
HURRICANE PROTECTION OFFICE, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO
ATTENTION OF

April 11, 2008

Special Project Branch
Contracting Division

VIA E-MAIL

Mr. Charles Singley
Earth Tech, Inc.
10 Patewood Drive
Building VI, Suite 500
Greenville, SC 29615

SUBJECT: Request for Proposal for Contract No. DACA45-03-D-0032, for a New Task Order for Environmental Services, HTRW Phase I Environmental Site Assessment, Pump Station Storm proofing Activities Orleans Parishes, Louisiana.

Dear Mr. Singley,

Reference Contract No. DACA45-03-D-0032, Indefinite Delivery, Indefinite Quantity Earth Contract, with the US Army Corp of Engineers Omaha District.

This is a request for proposal for the referenced contract. Please prepare your proposal in accordance with the Scope of Work enclosed.

Your proposal must be received no later than April 11, 2008, 2:00 P.M. Central Daylight Saving Time. Please mail your proposal to the U. S. Army Corps of Engineers, Hurricane Protection Office, Contracting Division, Room 184, P. O. Box 60267, New Orleans, LA, 70160-0267. As an extended courtesy, your proposal may be submitted by e-mail to mary.c.dumas@usace.army.mil.

If you have any questions regarding this requirement, you may contact Ms. Dumas at (504)862-2146.

Sincerely,

Joan K. Arnold
Contracting Officer

Enclosure

STATEMENT OF WORK FOR ENVIRONMENTAL SERVICES

HTRW PHASE I ENVIRONMENTAL SITE ASSESSMENT

PUMP STATION STORMPROOFING ACTIVITIES

ORLEANS PARISH, LOUISIANA

INTRODUCTION

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Appendix A of this Scope of Work provides information on the two alternatives which will be investigated in an Environmental Assessment for this project, which is being completed under a separate contract. There are 22 pump stations sites (Appendix B), two river intake pump station sites, one frequency changer site, and the Carrollton Water Treatment Plant site that will be considered in each of the two alternatives.

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DELIVERABLES

All deliverables shall be addressed to:

Laura Lee Wilkinson

Environmental Coordinator, Hurricane Protection Office

U.S. Army Corps of Engineers, New Orleans District

7400 Leake Avenue

New Orleans, Louisiana 70118

Neither party may adjust or otherwise change the deliverables schedule without prior written coordination and agreement by both parties.

CONTRACTOR QUALITY CONTROL

The Contractor shall ensure that all services and products provided to fulfill this Task Order, including work performed by subcontractors, are at or above the levels of quality required by the base contract under which this Task Order is written. The Environmental Professional (EP) that signs the ESA is to be ASTM trained in the ASTM E 1527-05 standard.

Appendix A: Alternatives to be considered in Environmental Assessment

The Sewerage and Water Board of New Orleans (S&WB) is responsible for the water and drainage systems for Orleans Parish. There are 24 pump stations, the Carrollton Frequency Changer Building, the Carrollton Water Plant and Power Complex, the Old River Pump Station, and the New River Pump Stations that together provide the production of power and the pumping capacity to discharge rain water into adjacent estuarine water bodies. This unique drainage system is a complex network of water/power production, power distribution, canal network and pump stations that have the capacity to remove 48,769 cubic feet per second (cfs) or 31.5 billon gallons of water per day from within leveed Orleans Parish.

A 24th pump station, the Dwyer Road pump station, is a new pump station being added to the system. This pump station is currently under construction and will provide an additional 1,050 cfs. Another existing pump station, Elaine pump station, is a small 90 cfs station that is being virtually rebuilt under the USACE pump station repair program. Therefore these two pump stations will not be included in this storm proofing program.

Although some storm proofing features include a specific proposed design solution the final solution will be determined during the final design stage. The purpose of the proposed design solutions provided in this document are to indicate a general approach and to provide a method to determine the associated costs.

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Alternative 1 provides features that will significantly increase the ability of each DPS and other elements of the S&WB drainage pumping system to maintain operator presence during and after the storm in the DPS, resist storm winds, resist wind driven water intrusion into the DPS, and maintain pumping capability after the storm.

The storm proofing features included in Alternative 1 are:

- Protecting existing pumping systems.
- Increasing building structural resistance to winds.
- 156 mph (continuous wind) building hardening. Hardening provided varies by DPS.
- Modified roof structure for DPS to withstand 156 mph (continuous wind). Roof modification provided varies by pump station.
- Enhancing building resistance to water intrusion.
- Enhancing water protection for the DPS up to the DFL except for DPS 5 and 19 which will have enhanced water protection up to the level that structural integrity can be maintained for existing structures.
- Protecting and enhancing existing drainage pump power production.
- 15 megawatt 60 cycle 4160 volt generator at the Carrollton Power Plant.
- 60 cycle feeder underground ductbank completing the underground feed from the Carrollton Power Plant to DPS 1.
- Perimeter wall barrier and gates to enhance water intrusion protection for the Carrollton Water and 25 cycle Power Plant.
- Emergency 60 cycle generators at six DPS for pumping capacity at DPS 5, 6, 7, 10, 13, and 17.
- Protecting existing back-up power generators.
- An elevated generator building at DPS 20.
- Emergency generators for house power at all DPS except 13, 15, 18 and 20.

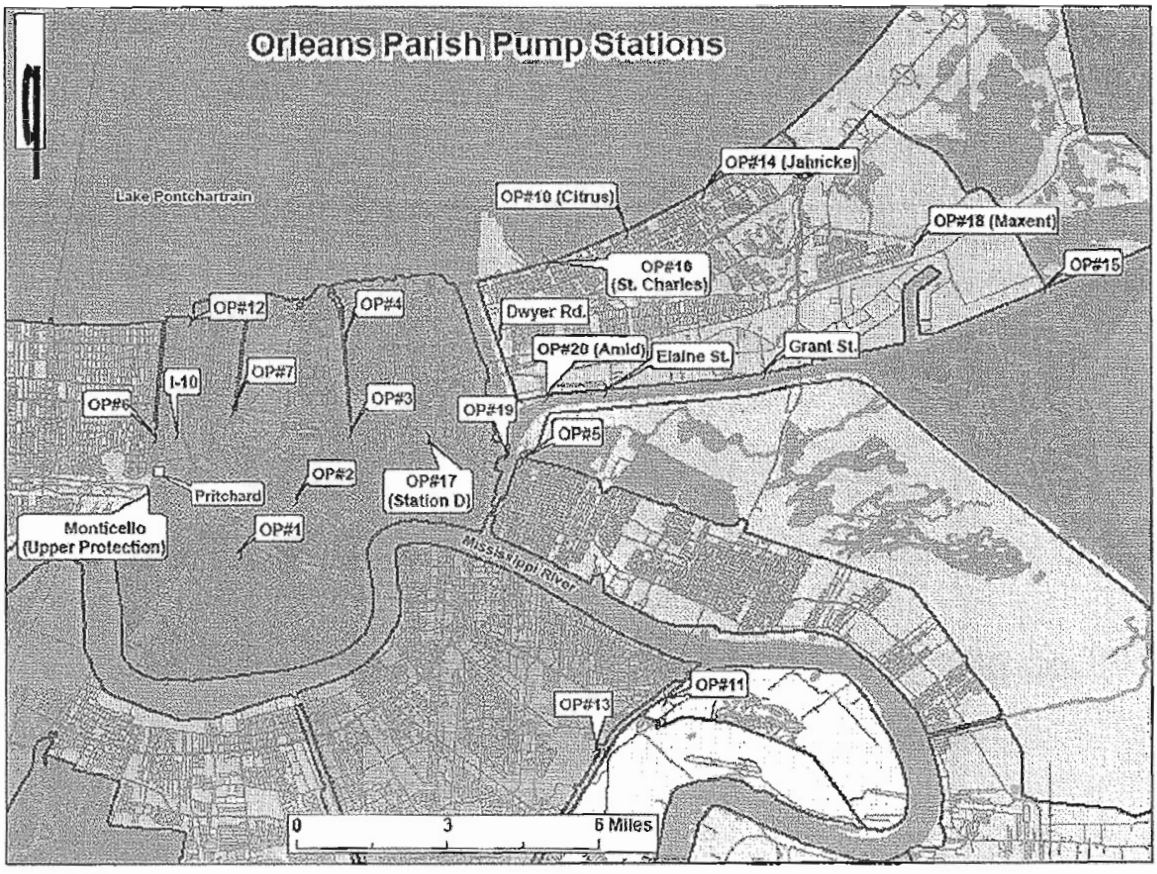
- DPS 5 had further special considerations which provide two – 300 cfs vertical pumps to replace the single horizontal pump "D" that currently exists. These two pumps will be placed within a new elevated structure constructed over the existing slab and foundation if structurally feasible.
- Water wells at all DPS except 18 and Monticello.
- Various electrical, mechanical, and other miscellaneous protection features.

Alternative 2

Alternative 2 provides the same features as Alternative 1 but has additional features which provide redundant protection for two aspects of the storm proofing intent. Alternative 2 provides the redundant protection feature of hardened interior operator control rooms within the DPS buildings to help maintain operator presence during and after the storm. The first alternative relies on the structural improvements to the DPS themselves to provide for safe haven of the operators and thereby reliable operator presence. Alternative 2 would rely on the increased protection provided by the DPS strengthening and the redundant feature of hardened interior operator control rooms to provide safe haven for the operators.

The second additional storm proofing feature is in the method that individual pumps and other equipment within the DPS are provided protection from exposure to water. The first alternative relies on either the structural features applied to and on the DPS to enhance the water protection provided by these water intrusion protection features or the existing elevation of some equipment to provide protection from the water. Alternative 2 utilizes the redundancy of additional water protection features for select pumps and equipment by surrounding these pumps and equipment with dikes or curbs or raising these pumps and equipment.

Appendix B: Orleans Parish Pump Station Locations



ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF 5

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO.	2. DELIVERY ORDER/ CALL NO.	3. DATE OF ORDER/CALL (YYYYMMMDD)	4. REQ./ PURCH. REQUEST NO.	5 PRIORITY
DACA45-03-D-0032	CZ03	2008 May 22	W42HEM8282452	

6. ISSUED BY	CODE W912P8	7. ADMINISTERED BY (If other than 6)	CODE W912P8	8. DELIVERY FOB
USACE, CONTRACTING DIVISION ATTN: HPO CT - ROOM 184 7400 LEAKE AVE. NEW ORLEANS LA 70118-3651		USACE, CONTRACTING DIVISION ATTN: HPO CT 7400 LEAKE AVE. NEW ORLEANS LA 70118-3651		[X] DESTINATION [ ] OTHER (See Schedule if other)

9. CONTRACTOR	CODE 3JKK1	FACILITY 3JKK1	10. DELIVER TO FOB POINT BY (Date) (YYYYMMMDD)	11. MARK IF BUSINESS IS
NAME AND ADDRESS EARTH TECH, INC. 10 PATEWOOD DR. BLDG V GREENVILLE SC 29615-3517			SEE SCHEDULE 12. DISCOUNT TERMS NET 30	[ ] SMALL [ ] SMALL DISADVANTAGED [ ] WOMEN-OWNED
			13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15	

14. SHIP TO	CODE W912P8	15. PAYMENT WILL BE MADE BY	CODE 964145	
USACE, CONTRACTING DIVISION MARY C DUMAS ATTN: HPO CT - ROOM 104 7400 LEAKE AVE. NEW ORLEANS LA 70118-3651		US ARMY CORPS OF ENGR FINANCE CENTER 5722 INTEGRITY DRIVE MILLINGTON TN 38054-5005		MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.

16. TYPE OF ORDER			
	DELIVERY/ CALL	X	This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.
	PURCHASE		Reference your quote dated Furnish the following on terms specified herein. REF:

ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMMDD)

[X] If this box is marked, supplier must sign Acceptance and return the following number of copies:

17 ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE

See Schedule

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES	20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
	SEE SCHEDULE				

* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.

24. UNITED STATES OF AMERICA
TEL: 504-862-1796
EMAIL: Ricardo.E.Torres@mvk02.usace.army.mil
BY: RICARDO E TORRES
Ricardo E Torres
CONTRACTING / ORDERING OFFICER

25. TOTAL $43,446.00
26. DIFFERENCES

27a. QUANTITY IN COLUMN 20 HAS BEEN
[ ] INSPECTED [ ] RECEIVED [ ] ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED

b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	c. DATE (YYYYMMMDD)	d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	28. SHIP NO.	29. DO VOUCHER NO.	30. INITIALS
	[ ] PARTIAL [ ] FINAL	32. PAID BY	33. AMOUNT VERIFIED CORRECT FOR
f. TELEPHONE NUMBER / g. E-MAIL ADDRESS	31. PAYMENT [ ] COMPLETE [ ] PARTIAL [ ] FINAL		34. CHECK NUMBER
36. I certify this account is correct and proper for payment. a. DATE (YYYYMMMDD) / b. SIGNATURE AND TITLE OF CERTIFYING OFFICER			35. BILL OF LADING NO.

37. RECEIVED AT	38. RECEIVED BY	39. DATE RECEIVED (YYYYMMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO.	42. S/R VOUCHER NO.

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001		43,446	Lump Sum	$1.00	$43,446.00
	HTRW PHASE I ENVIR/CULT INVESTIGATION FFP 395 OSP-01 A3360 ENVIR/CULT PHASE 1 HTRW INVESTIGATION CONTRACT PROJECT NO. 137923 FOB: Destination MILSTRIP: W42HEM81282452 PURCHASE REQUEST NUMBER: W42HEM81282452				
				NET AMT	$43,446.00
	ACRN AA CIN: W42HEM812824520001				$43,446.00
	N/A	N/A	N/A		Government

0001

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	23-JUN-2008	43,446		W912P8

Section G - Contract Administration Data

INVOICE INSTRUCTION
INVOICE SUBMITTAL INSTRUCTIONS
MAIL ORIGINAL COPY OF INVOICES TO:
USACE, Hurricane Protection Office
ATTN: Chief, Program Management/Analysis Branch
7400 Leake Avenue, Room 196
New Orleans, LA 70118-3651

MAIL A COURTESY COPY OF EACH INVOICE TO:
USACE, Hurricane Protection Office
ATTN: Ms Lee Walker/Ms Laura Wilkinson
7400 Leake Avenue, Room 171
New Orleans, LA 70118-3651

ACCOUNTING AND APPROPRIATION DATA

AA: 96X31250000 082412 32303592FK030725 NA 96162
AMOUNT: $43,446.00
CIN W42HEM812824520001: $43,446.00

STATEMENT OF WORK FOR ENVIRONMENTAL SERVICES

HTRW PHASE I ENVIRONMENTAL SITE ASSESSMENT

PUMP STATION STORMPROOFING ACTIVITIES

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Appendix B: Orleans Parish Pump Station Locations