

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1 CONTRACT ID CODE
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2 AMENDMENT/MODIFICATION NO 1	3 EFFECTIVE DATE APR 14 2003	4 REQUISITION/PURCHASE REQ NO RES-03-061 dtd 3/21	5 PROJECT NO (If applicable)
6 ISSUED BY U.S. Nuclear Regulatory Commission Div of Contracts and Property Mgmt Two White Flint North - MS T-7-I-2 Contract Management Center 2 Washington, DC 20555	CODE	7 ADMINISTERED BY (If other than Item 6) U S. Nuclear Regulatory Commission Div of Contracts and Property Mgmt Two White Flint North - MS T-7-I-2 Contract Management Center 2 Washington, DC 20555	CODE

8 NAME AND ADDRESS OF CONTRACTOR (No. , street, county, State and ZIP Code) Advanced Environmental Solutions 899 Sycamore Drive ATTN: Van Price Aiken SC 29803	CODE	FACILITY CODE	(X) 9A AMENDMENT OF SOLICITATION NO RS-RES-02-051
			9B DATED (SEE ITEM 11)
			10A MODIFICATION OF CONTRACT/ORDER NO NRC-04-03-061
			10B DATED (SEE ITEM 13) 02-10-2003

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 of each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified

12 ACCOUNTING AND APPROPRIATION DATA (If required)
APPN No. 31X0200.360 B&R No.: 36015304223 Job Code: Y6020
BOC: 252A RES ID#: RES-C03-037 Obligated Amt.: \$200,000

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

(X)	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 Changes Clause 52.243-2
	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 2 copies to the issuing office

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

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) Van Price Co-Owner	16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Stephen Pool Contracting Officer
15B CONTRACTOR/OFFEROR <i>Van Price</i> (Signature of person authorized to sign)	15C DATE SIGNED 4-15-03
16B UNITED STATES OF AMERICA BY <i>Stephen Pool</i> (Signature of Contracting Officer)	16C DATE SIGNED 4/15/03

TEMPLATE - ADM001

STANDARD FORM 10 (REV 10-83)
ADM002

The purpose of this modification is to: (1) provide incremental funding in the amount of \$200,000 hereby increasing the obligated amount from \$100,000 to \$300,000, and (2) establish specific deliverable dates in accordance with the kick-off meeting held on March 20, 2003. Accordingly, the contract is hereby modified as follows:

- 1 Under Section B.3, Consideration and Obligation—Cost Plus Fixed Fee, paragraph (c) and (d) are revised as follows:
 - “(c) The amount currently obligated by the Government with respect to this contract is \$300,000, of which the sum of \$279,900 represents the estimated reimbursable costs, and \$20,100 represents the fixed fee.
 - (d) It is estimated that the amount currently allotted will cover performance through October 15, 2003.”
2. Section F.7, Deliverables/Reporting Requirements, is hereby revised as described in the attached.

All other terms and conditions of the subject contract remain unchanged

A summary of obligations, from the award date through the date of this modification, are provided below:

FY 03 Obligations: \$300,000

Cumulative: \$300,000

This modification obligates FY 03 funds in the amount of \$200,000

F.7 DELIVERABLE/REPORTING REQUIREMENTS (Research formally began on February 24, 2003)

	<u>FY'03</u>				<u>FY'04</u>				<u>FY'05</u>				<u>FY06</u>			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<u>TASK 1 Review Ground-Water Monitoring Strategies</u> (March 2003) I* ¹ C* (May 30, 2003)																
<u>Deliverables</u>																
Letter Report				X												
<u>TASK 2 Develop Integrated Monitoring Strategy</u> (June 2003) I X X X C (August 27, 2004)																
<u>Deliverables</u>																
Initial Integrated Strategy								X								
Revised Integrated Strategy															X	
<u>TASK 3 Develop Test Plan</u> (August 2004) I X C (April 29, 2005)																
<u>Deliverables</u>																
Preliminary Outline of Test Plan								X								
Detailed Test Plan															X	
Final Test Plan															X	
<u>TASK 4 Test Strategy by Application to Monitoring Datasets</u> (May 2005) I X X X C (March 24, 2006)																
<u>Deliverables</u>																
Draft Data Report															X	
Final Strategy (consolidated with final report)															X	
<u>TASK 5 Documentation of Strategy and its Application</u> (May 2005)I X X X C (March 24, 2006)																
<u>Deliverables</u>																
Letter Report on External Peer Review of Strategy Report															X	

* the symbols used are: I for initiation of the task; C for task completion; and X for task activity and designation of task deliverable milestones.

Technical Report of Final Strategy and Data Analysis X (March 24, 2006)

TASK 6 Technology Transfer

(March 2005) | X X X C (May 24, 2006)

Deliverables

Technology Transfer Workshop X (May 9, 2005)

Technology Transfer Seminar X (February 24, 2006)

Technical Report of Final Strategy and Data Analysis X (March 24, 2006)

All reports required under this contract shall be provided in WordPerfect 8.0 format. The content of each report is broadly described in each task description with the details on the technical level and completeness to be jointly agreed upon by the NRC Project Officer and the Principal Investigator. The reports shall be self-contained, and shall be suitable for publication as a NUREG/CR report. The reports shall include an Executive Summary that summarizes the research results with regard to the project objectives as defined in this Statement of Work.

Presentations of accomplished research results at professional meetings and publication of this technical work in peer-reviewed professional journals are expected. A copy of all written and oral presentations including technical papers and abstracts to be submitted for publication in technical journals, related to or funded by this project, shall be transmitted to the NRC Project Officer prior to presentation or submittal for publication. The contractor shall abide by the following reporting requirements described in NRCAR 2052.235-70 Publication of Research Results (Section G).