

2. AMENDMENT/MODIFICATION NO. 014  
 3. EFFECTIVE DATE See block 15c.  
 4. REQUISITION/PURCHASE REQ. NO.  
 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 3100  
 U.S. Nuclear Regulatory Commission  
 Div. of Contracts  
 Attn: Adelis M Rodriguez, 301-415-5719  
 Mail Stop T-7-I-2  
 Washington, DC 20555  
 7. ADMINISTERED BY (If other than Item 6) CODE 3100  
 U.S. Nuclear Regulatory Commission  
 Div. of Contracts  
 Mail Stop T-7-I-2  
 Washington, DC 20555

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 ADVANCED ENVIRONMENTAL SOLUTIONS, LLC  
 AES  
 407 W MAIN ST  
 LEXINGTON SC 290722661  
 CODE 077791437 FACILITY CODE  
 9A. AMENDMENT OF SOLICITATION NO. (X)  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-04-03-061  
 10B. DATED (SEE ITEM 13) X 02-24-2003

**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 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.

12. ACCOUNTING AND APPROPRIATION DATA (If required) B&R 760-15-355-223; JC Y6020; BOC 252A; APPN 31X0200.760; FFS RES-C07-217; OBLIGATION \$48,600.00 DUNS: 077791437

**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.  
 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) Bilateral Agreement  
 X

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return <sup>2</sup> copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 The purpose of the modification is to (1) revise the statement of work to include additional work as part of task 6 (2) increase the ceiling of the contract by \$48,600.00 (3) provide incremental funding by the amount of \$48,600.00 (4) extend the period of performance until September 30, 2007.  
 See pages 2-3 for a complete description of the modification.

TOTAL CONTRACT AMOUNT (CEILING): \$1,609,855.00 (CHANGED)  
 TOTAL OBLIGATED AMOUNT: \$1,609,855.00 (CHANGED)  
 PERIOD OF PERFORMANCE: 2/24/2003 - 9/30/2007 (CHANGED)

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 AES  
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) NEHA S. DHIR CONTRACTING OFFICER  
 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) [Signature]  
 15C. DATE SIGNED 8/24/07  
 16B. UNITED STATES OF AMERICA BY [Signature] (Signature of Contracting Officer)  
 16C. DATE SIGNED 8/24/07

The purpose of the modification is to (1) revise the statement of work to include additional work as part of task 6 (2) increase the ceiling of the contract by \$48,600.00 (3) provide incremental funding by the amount of \$48,600.00 (4) extend the period of performance until September 30, 2007.

Accordingly, the contract will be modified as follows:

- 1) Section 3.6 of the statement of work entitled: "Task 6: Technology Transfer", the following requirements are incorporated as part of this modification:

The contractor shall provide a two day training course on August 23-24 2007, on AES's Integrated Ground-Water Monitoring Strategy. The training should be conducted at NRC Headquarters, 11545 Rockville Pike, Rockville, MD 20852. The contractor should preview the presentations with the NRC on August 22, 2007.

The contractor is expected to provide a course similar to the previous two training courses which outlined AES's Integrated Ground-Water Monitoring Strategy with applications to field sites and to modify the previous course to include the input discussions from the Technical Advisory Group on Ground-Water and Performance Monitoring. The training manual is AES's draft final report on their Integrated Ground-Water Monitoring Strategy and applications which have been provided to the NRC staff. The NRC will distribute copies of the training manuals to the attendees.

- 2) Section 7.0 of the statement of work entitled: "Meetings and Travel", the following requirements are incorporated as part of this modification:

Travel is required to NRC headquarters during the dates of the training. The training should be conducted at NRC Headquarters, 11545 Rockville Pike, Rockville, MD 20852. The contractor should preview the presentations with the NRC on August 22, 2007 and conduct the two day training on August 23-24, 2007. The travel cost is fixed priced as part of this modification and the NRC should not be responsible for any cost that exceeds \$6,400.00.

- 3) Section F. 7 of the contract entitled: "Deliverables /Reporting Requirements" the following requirements are incorporated as part of this modification to item 6 entitled: "Task 6"

- Power Point Slides with supporting narratives and references to AES's draft final reports' sections, figures and tables. – Due two business days before the training date.
- Two-day training course (as described above).

- 4) Section F. 6 of the contract entitled: "Duration of Contract Period" is revised to read as follows:

"The contract shall commence on February 24, 2003 and will expire in September 30, 2007."

- 5) Section B.3 entitled: "Consideration and Obligation – Cost plus Fixed Fee (JUN 1988) Alternate I (JUN 1991), paragraphs (a), (c) and (d) are revised to read as follows:

(a) The total estimated costs to the government for full performance of this contract is \$1,609,855.00 of which the sum of \$1,511,102.00 represents the estimated reimbursable costs and \$98,753.00 represents the fixed fee.

(c) The amount currently obligated by the government with respect to this contract is \$1,609,855.00 of which the sum of \$1,511,102.00 represents the estimated reimbursable costs and \$98,753.00 represents the fixed fee.

(d) This contract is fully funded.

**All other terms and conditions remain the same.**

A summary of obligations from this contract, from award date through the date of this action is given below:

Total FY 03 obligation amount	\$300,000.00
Total FY 04 obligation amount	\$430,000.00
Total FY 05 obligation amount	\$340,000.00
Total FY 06 obligation amount	\$338,900.00
Total FY 07 obligation amount	<u>\$200,955.00</u>
Cumulative Total of NRC obligations	\$1,609,855.00

This modification obligates FY 07 funds in the amount of \$48,600.00

# **Modification to Task 6 "Technology Transfer"**

## **Contract NRC-04-03-061 (JCN Y6020)**

### **I. Background**

As part of contract NRC-04-03-061, task 6 the contractor was required to provide a training course on Ground Water and Performance Monitoring. The NRC requests an additional training course on AES's Integrated Ground-Water Monitoring Strategy, the course should be similar to previous two training courses which outlined AES's Integrated Ground-Water Monitoring Strategy with applications to field sites, but updated with the current discussions from the Technical Advisory Group on Ground-Water and Performance Monitoring. This course will inform the NRC technical staff of the practical application of the Integrated Ground-Water Monitoring Strategy and potential use at nuclear facilities (e.g., Radiological Environmental Monitoring Program reviews).

### **II. Objective**

To keep current staff up to date and educate new NRC employees on AES's Integrated Ground-Water Monitoring Strategy.

### **III. Scope of Work**

The contractor shall provide an additional training course on AES's Integrated Ground-Water Monitoring Strategy.

### **IV. Requirements**

The contractor shall provide a two day training course during July 2007, (exact date to be determined) on AES's Integrated Ground-Water Monitoring Strategy. The training should be conducted at NRC Headquarters, 11545 Rockville Pike, Rockville, MD 20852.

The contractor is expected to provide a course similar to the previous two training courses which outlined AES's Integrated Ground-Water Monitoring Strategy with applications to field sites and to modify the previous course to include the input discussions from the Technical Advisory Group on Ground-Water and Performance Monitoring. The training manual is AES's draft final report on their Integrated Ground-Water Monitoring Strategy and applications which have been provided to the NRC staff. The NRC will distribute copies of the training manuals to the attendees.

Level of Effort: 400 hours plus travel costs and per diem for the four instructors

### **V. Deliverables**

- a. Power Point Slides with supporting narratives and references to AES's draft final reports' sections, figures and tables. – Due two business days before the training date.
- b. Two-day training course (as described in Section IV. Requirements).

## **VI. Travel**

Travel is required to NRC headquarters during the dates of the training.

## **VII. NRC Furnished Material and Equipment**

The NRC will provide the attendees with the copies of the handouts of the presentation to be provided by AES. AES shall provide the NRC with an electronic copy of the presentation at least two business days before the training to allow enough time for copies and distribution. The NRC also plans to place AES presentation in RES training folders on the RES or NRC Website pages.