

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. MD11		3. EFFECTIVE DATE See block 15C.	4. REQUISITION/PURCHASE REQ. NO. RBS-12-352 Dated: 8/1/2012	5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. Nuclear Regulatory Commission Division of Contracts Attn: Claudia G. Melgar, 301-492-3487 Mail Stop TWB-01B10M Washington, DC 20555	CODE 3100	7. ADMINISTERED BY (if other than Item 6) U.S. Nuclear Regulatory Commission Division of Contracts Attn: Claudia G. Melgar Mail Stop: TWB-01B10M Washington, DC 20555		CODE 3100

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) APPLIED PROGRAMMING TECHNOLOGY INC 240 MARKET ST STE 208 BLOOMSBURG PA 178151716	(9)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-04-09-132
	X	10B. DATED (SEE ITEM 13) 09-29-2009
CODE 092982854	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 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: 2012-60-11-6-174 JC: N6779 BOC:252A APPN:31x0200
Obligate Amount: \$85,986.44; FAIMIS:123250 NAICS: 541511
PSC: D308 DUNS: 092982854

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

(9)	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(D).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Bi-lateral 52.243-2 - Changes- Cost Reimbursement

E. IMPORTANT: Contractor is not, is required to sign this document and return ¹ _____ copies to the issuing office.

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

See Continuous Page

Period of Performance: 9/29/2009 - 11/20/2012 (changed)
Amount Obligated: \$1,393,896.10 (changed)
Ceiling Amount: \$1,393,896.10 (changed)
All other terms and conditions under this contract remains unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 8A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) <i>Kenneth R. Jones, President</i>	15B. CONTRACTOR/OFFEROR <i>[Signature]</i> (Signature of person authorized to sign)	15C. DATE SIGNED 9/7/12	15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Matthew J. Bucher Contracting Officer	15B. UNITED STATES OF AMERICA BY <i>[Signature]</i> (Signature of Contracting Officer)	15C. DATE SIGNED 9-7-2012
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NSN 7540-01-102-5070
PREVIOUS EDITION NOT USABLE

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA - FAR (48 CFR) 53.245

SUNSI REVIEW COMPLETE

SEP 11 2012

TEMPLATE - ADM001

ADM002

The purpose of this modification is to:

- (1) Add incremental funding in the amount of \$85,986.44, therefore increasing the obligated amount from \$1,307,909.66 to \$1,393,896.10, of which the sum of \$1,267,178.27 represents the estimated reimbursable cost, and of which \$126,717.83 represents the fixed fee;
- (2) Increase the obligated amount from \$1,307,909.66 to \$1,393,896.10 for continuous support of Task 1, 2, and 3;
- (3) Increase the ceiling amount from \$1,307,909.66 to \$1,393,896.10 for continuous support of Task 1, 2, and 3; thereby Section B Subsection B.3 **CONSIDERATION AND OBLIGATION—COST PLUS FIXED FEE (JUN 1988) ALTERNATE 1 (JUN 1991)** is hereby deleted in its entirety and replace as follows:
 - (a) The total estimated cost to the Government for full performance of this contract is \$1,393,896.10, of which the sum of \$1,267,178.27 represents the estimated reimbursable costs, and of which \$126,717.83 represents the fixed fee.
 - (c) The amount currently obligated by the Government with respect to this contract is \$85,986.44, of which the sum of \$78,169.49 represents the estimated reimbursable costs, and of which \$7,816.95 represents the fixed fee.
 - (d) It is estimated that the amount currently allotted will cover performance through November 20, 2012.
 - (f) The total estimated cost and fixed fee for 2 month under this contract is \$85,986.44, of which the sum of \$78,169.49 represents the estimated reimbursable costs, and of which \$7,816.95 represents the fixed fee.
 - (f) The total estimated cost and fixed fee for 2 month option under this contract is \$83,786.44, of which the sum of \$78,169.49 represents the estimated reimbursable costs, and of which \$7,816.95 represents the fixed fee.
- (4) Extend the period of performance from 9/20/2012 to 11/20/2012; accordingly **F.6 DURATION OF CONTRACT PERIOD (MAR 1987) ALTERNATE 2 (MAR 1987)** is hereby deleted in its entirety and replaced as follows:

This contract shall commence on October 1, 2009 and will expire on November 20, 2012. The term of this contract may be extended at the option of the Government for an additional 2 months.

- (5) Replace Statement of Work under **SECTION DESCRIPTION/SPECIFICATIONS/STATEMENT OF WORK Attachment J.1**

Section J. 1 SCOPE OF WORK

SNAP Application Testing and Distribution

- 1 SNAP plug-ins for analytical codes shall be tested to ensure that they can import and export the respective code input decks without causing changes in the calculated results. The contractor shall complete testing on a per plug-in-release or SNAP core release basis; therefore, when a separate code modules are updated the contractor shall complete the testing. For each analytical code for which SNAP provides a plug-in, the contractor shall maintain and exercise a relevant suite of input decks to assure that the SNAP plug-in is performing input and output operations correctly. The contractor shall at a minimum include in these test suites any decks that are provided by the NRC Contracting Officer Representative. The contractor shall correct errors discovered in the associated SNAP plug-in during testing, as necessary.
- 2 Maintain a multi-platform, SNAP installation package to support code distribution. SNAP is to be distributed from a web-site under strict control of the contractor. Access to the SNAP code shall be coordinated through the NRC project manager.
- 3 Evaluate and correct errors reported by the SNAP user community. The contractor shall have weekly phone discussions with the Contracting Officer Representative to evaluate code "fix and feature" work and help establish priorities and due dates.
- 4 Maintain and extend and the SNAP User's manuals and help files to reflect any code changes. Automate linkage to analysis code documentation. As the analytical codes that SNAP supports are continuously changing and therefore, SNAP features and manuals need to change to reflect this.
- 5 Provide User Support. Implement user supplied requests for improvements as reviewed and approved by NRC.

Task 1 Maintain SNAP Capabilities

The supported analytical codes are still undergoing modifications that may necessitate changes to their input format requirements. The contractor shall upgrade SNAP to fully support these modifications. The contractor shall maintain contact with the analytical code developers so that any changes can be identified and modifications made to the respective SNAP plug-in in a timely fashion. The NRC COR shall be notified (by letter or email) of any planned changes to any plug-in before such changes are actually made. Note that in cases where the analytical code has been updated or changed in a major way, the contractor may need to write an entirely new plug-in for the new version of the analytical code. The contractor shall communicate on weekly phone discussions with the NRC COR to establish development priorities and schedules. If the need for an entirely new plug-in is encountered, then the contractor shall not proceed to make changes to the existing plug-in but instead inform NRC so that other actions may be planned.

Task 2 Provide Technical Support Related to SNAP Maintenance and Development

Provide technical support to NRC related to the SNAP maintenance and development work done under this contract. The work includes making and developing presentations, attending meetings, reviewing technical reports, and providing technical consultation and support as requested by the NRC COR.

DELIVERABLES/SCHEDULES AND/OR MILESTONES

Task	Deliverable	Due
1	MLSR documentation of work done.	MLSR
2	MLSR documentation of work done.	MLSR
3	MLSR documentation of work done.	MLSR

MEETINGS AND TRAVEL

The contractor shall plan on making 2 trips.

Trip 1: Two days for 1 person to travel to the NRC headquarters for coordination meeting in September.

Trip 2: Three - Four days for 1 person to attend the Code Assessment and Maintenance Program (CAMP) meeting in Alexandria, VA in November.

Listed below is a summary of obligations from the date of award through the date of this action:

Total FY 09 Obligations:	\$60,000.00
Total FY09 Obligations:	\$180,000.00
Total FY10 Obligations:	\$250,000.00
Total FY 10 Obligations:	\$93,000.00
Total FY 11 Obligations:	\$60,000.00
Total FY 11 Obligations:	\$80,000.00
Total FY 11 Obligations:	\$180,000.00
Total FY 11 Obligations:	\$142,000.00
Total FY 12 Obligations:	\$109,000.00
Total FY 12 Obligations:	\$153,909.66
Total FY 12 Obligations:	<u>\$85,986.44</u>
Total NRC Obligations:	\$1,393,896.10