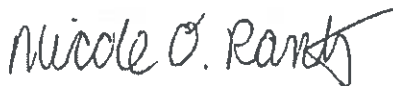



EXCEPTION TO SF 30, APPROVED BY NARS 5/79			
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 3
2. AMENDMENT/MODIFICATION NO. 1003	3. EFFECTIVE DATE See Block 16c.	4. REQUISITION/PURCHASE REQ NO.	5. PROJECT NO. (if applicable)
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6)	
U.S. Department of Energy Chicago Service Center 9800 South Cass Avenue Argonne, Illinois 60439		U.S. Department of Energy Berkeley Site Office 1 Cyclotron Road, MS 90-1023 Berkeley, CA 94720	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)		()	9A. AMENDMENT OF SOLICITATION NO.
The Regents of the University of California Attn: Andrew Boulter 1111 Franklin Street, 11- Floor Oakland, CA 94607-5206			
			9B DATED (SEE ITEM 11)
		(X)	10A MODIFICATION OF CONTRACT/ORDER NO. DE-AC02-05CH11231 / A000
CODE 003985512		FACILITY CODE	10B DATED (SEE ITEM 13) April 19, 2005
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 25, 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 ACKNOWLEDGEMENT 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) N/A 001			
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.			
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN 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 data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).			
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 43.103(a)(3)			
D. OTHER (Specify type of modification and authority)			
E. IMPORTANT: Contractor ___ is not, <u>X</u> is required to sign this document and return <u>2</u> copies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)			
See Page 2			
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) Nicole O. Rantz, Associate Director Business and Contract Management		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Maria C. Robles Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 7/14/17	16B. UNITED STATES OF AMERICA By  (Signature of Contracting Officer)	16C. DATE SIGNED 7/19/17

Approved as to legal form:  Date: July 11, 2017
Barton Lounsbury, University Counsel, Office of the General Counsel

Block 14 "DESCRIPTION OF AMENDMENT/MODIFICATION," continued.

The purpose of this modification is to delete Clause H.38 entitled Disposal of Real Property and Replace it with a new H.38, entitled Real Property Asset Management as follows:

A. Delete:

H.38 - DISPOSAL OF REAL PROPERTY

Disposal of any permanent or temporary interest in real property shall require the prior approval of the Contracting Officer.

Replace with:

H. 38 REAL PROPERTY ASSET MANAGEMENT

- A. The Contractor shall comply with Departmental requirements and guidance involving the acquisition, management, maintenance, disposition, or disposal of real property assets to ensure that real property assets are available, utilized, and in a suitable condition to accomplish DOE's missions in a safe, secure, sustainable, and cost-effective manner. Contractors shall meet these functional requirements through tailoring of their business processes and management practices, and use of standard industry practices and standards as applicable. The Contractor shall flow down these requirements to subcontracts at any tier to the extent necessary to ensure the Contractor's compliance with the requirements.
- B. The Contractor shall:
1. Submit all real estate actions to acquire, utilize, and dispose of real property assets to DOE for review and approval and maintain complete and current real estate records.
 2. Perform physical condition and functional utilization assessments on each real property asset at least once every five-year period or at another risk-based interval as approved by SC-1 based on industry leading practices, voluntary consensus standards, and customary commercial practices.
 3. Establish a maintenance management program including: a computerized maintenance management system (CMMS); a condition assessment system; a master equipment list; maintenance service levels; a method to determine for each asset

the minimum acceptable level of condition; methods for categorizing deficiencies as either deferred maintenance and repair (DM) or repair needs; management of the DM backlog; a method to prioritize maintenance work; and a mechanism to track direct and indirect funded expenditures for maintenance, repair, and renovation at the asset level.

4. Maintain Facilities Information Management System (FIMS) data and records for all lands, buildings, trailers, and other structures and facilities. FIMS data must be current and verified annually.

- B. Appendix I, entitled "DOE Directives/List B" is updated to reflect changes and updates.

DOE Order	Title	Change & Explanation
DOE O 142.3A Chg 1 (MinChg)	Unclassified Foreign Visits and Assignments Program	This Order is updated in the contract from DOE O 142.3A to 142.3A Chg 1 (MinChg)
DOE O 200.1A Chg 1 (MinChg)	Information Technology Management	This Order is updated in the contract from DOE O 200.1A to 200.1A Chg 1 (MinChg)
DOE O 232.2A	Occurrence Reporting and Processing of Operations Information	This Order is updated in the contract from DOE O 232.2 to 232.2A
DOE O 415.1 Chg 2 (MinChg)	Information Technology Project Management	This Order is updated in the contract from DOE O 415.1 Admin Chg 1 to 415.1 Chg 2 (MinChg)
DOE O 430.1B	Real Property Asset Management	This Order is deleted from the contract; replaced by a new H.38 Clause entitled <i>Real Property Asset Management</i>
DOE O 470.3C	Design Basis Threat (DBT) Order	This Order is added to the contract per S-4 Memo dated 1-18-2017 regarding DBT Implementation
DOE O 470.4B Chg 2 (MinChg)	Safeguards and Security Program	This Order is updated in the contract from DOE O 470.4B Admin Chg 1 to 470.4B Chg 2 (MinChg)
DOE O 483.1B	DOE Cooperative Research and Development Agreements	This Order is updated in the contract from DOE O 483.1A to 483.1B
DOE P 485.1	Foreign Engagements with DOE National Laboratories	This Policy is added to the contract per SC Policy Guidance 2017-2

- C. Appendix O, entitled Key Personnel is updated to remove the Assurance Manager.
- D. All other terms and conditions remained unchanged