

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 0135	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Idaho Operations Office Idaho Operations U.S. Department of Energy Idaho Operations Idaho Falls ID 89415	CODE 892432	7. ADMINISTERED BY (If other than Item 6) Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue MS 1221 Idaho Falls ID 83415	CODE 00701
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) FLUOR IDAHO, LLC Attn: AMANDA JORDAN 1070 RIVERWALK DRIVE, SUITE 201 IDAHO FALLS ID 83402		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 968795604		FACILITY CODE	9B. DATED (SEE ITEM 11)
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-EM0004083	
			10B. DATED (SEE ITEM 13) 02/04/2016

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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication 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)

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

CHECK ONE 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. Section I.100, FAR 52.243-2, Changes - Cost Reimbursement
	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).
	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 _____ copies to the issuing office.

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

DUNS Number: 968795604

The purpose of this modification is to issue a unilateral change order for the Integrated Waste Treat Unit (IWTU) External Utilities Vulnerabilities work scope. A not-to-exceed (NTE) value is included as described in the continuation pages below.

Payment:

Period of Performance: 06/01/2016 to 05/31/2021

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Aaron Nebeker	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Signature on File (Signature of Contracting Officer)	16C. DATE SIGNED 08/07/2019

Previous edition unusable

The purpose of this modification is to issue a unilateral change order revising Section C.3.2 INTEC Infrastructure to include scope related to the Integrated Waste Treatment Unit (IWTU) External Utilities Vulnerabilities. This revision is being made under the authority of contract clauses B.15 *Advance Understanding – Changes to Cost and Fee* and I.100 52.243-2 *Changes – Cost Reimbursement (Aug 1987) – Alt II and III (Apr 1984)*.

Per Contractor letter (CCN 323756) dated June 11, 2019, an evaluation of the Idaho Nuclear Technology and Engineering Center (INTEC) utilities and services provided to IWTU was performed from April to May 2019 by multiple support personnel from various Idaho Cleanup Project (ICP) facilities and organizations. The purpose of this evaluation was to identify vulnerabilities to essential INTEC-supplied utilities and services to reliably support IWTU continuous operations. Relevant documentation was reviewed, and interviews were conducted with INTEC and IWTU system engineers and other knowledgeable subject-matter experts to assess the current health of identified essential systems.

The systems evaluated by the Contractor included Electrical Power Distribution, Compressed (Plant) Air, Potable Water, Process Water (Raw / Treated / Demineralized), Steam and Condensate, Fire Protection Water, Distributed Control System (DCS), Network Communications / IT, Sodium-bearing Waste (SBW) Feed, PaR manipulator, NWCF POG/Valve Cubicle Cell, NWCF Freight Elevator, NWCF Process off-gas (POG) Filters, and the Utility Tunnel.

The Contractor's evaluation identified multiple deficiencies which could impact IWTU operations. Mitigating actions were identified by the Contractor, along with corresponding ROM cost estimates. In addition, the Contractor requested a not to exceed (NTE) of \$3.3M to expedite the mitigation of the highest risk/longest lead actions including procurement of the wall-mounted manipulator from PaR Systems (PaR), air compressors, fire water pump, feed pump, valve actuators, and filter door mounting/seals.

Effective as of the date of this modification, the Contractor is authorized an NTE amount of \$3.3M in direct costs for the work under this modification, consistent with the other terms and conditions of the contract and until this change order is definitized. The NTE does not include fee or the overhead allocation from CLIN-1. The Contractor shall invoice fully burdened costs.

Once negotiations are finalized, the contract will be revised accordingly as part of the definitized modification. The cost and schedule estimate shall comply with all applicable terms of the contract including but not limited to Section B.15 *Advance Understanding – Changes to Cost and Fee* and Section I.101, 52-243-6 *Change Order Accounting (Apr 1984)*. This NTE is subject to Section B.12 *Obligation and Availability of Funds*.

The issuance of this modification confirms the change order issued by Contracting Officer letter (CLN191673), dated August 1, 2019. The letter is incorporated with this modification.

No other changes to the contract terms and conditions.