

2. AMENDMENT/MODIFICATION NO. 0046	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
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6. ISSUED BY SPRO U.S. Department of Energy SPRO 900 Commerce Road East US 492 New Orleans LA 70123	7. ADMINISTERED BY (If other than Item 6) SPRO U.S. Department of Energy SPRO 900 Commerce Road East US 492 New Orleans LA 70123
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) FLUOR FEDERAL PETROLEUM OPERATIONS, LLC Attn: Paul Avery 850 S. Clearview Parkway New Orleans LA 701233401	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">9A. AMENDMENT OF SOLICITATION NO.</td> <td style="width:50%;"></td> </tr> <tr> <td>9B. DATED (SEE ITEM 11)</td> <td></td> </tr> <tr> <td>10A. MODIFICATION OF CONTRACT/ORDER NO. DE-FE0011020</td> <td></td> </tr> <tr> <td>10B. DATED (SEE ITEM 13)</td> <td>09/18/2013</td> </tr> </table>	9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-FE0011020		10B. DATED (SEE ITEM 13)	09/18/2013
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10B. DATED (SEE ITEM 13)	09/18/2013								

**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 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

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

CHECK ONE	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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: See Block 14 Below.
	D. OTHER (Specify type of modification and authority)

**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.)  
Bilateral modification pursuant to the authority Clauses H.2 Modification Authority, H.13 Technical Direction, H.14 Small Business Subcontracting Plan, H.21 Work Authorization Directives, I.95 DEAR 952.215-70 Key Personnel, I.105 DEAR 970.5204-2 Laws, Regulations, and DOE Directives, I.109 DEAR 970.5215-1 Total Available Fee, and mutual agreement of the parties.

A. Reference Section B, B.5 - Contract Value: The contract value is revised as follows:  
 •The Fiscal Year (FY) 2016 estimated costs are revised to reflect Work Authorization Directive revisions issued through September 2016.  
 •The FY 2017 estimated costs are revised to reflect the Annual Operating Plan (CR Level).  
 •The FY 2017 Available Award Fee is revised to reflect the Negotiated Award Fee.

Continued ...  
 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) Sally L. Leingang
15B. CONTRACTOR/OFFEROR  <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA Signature on File  <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 10/07/2016

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-FE0011020/0046

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NAME OF OFFEROR OR CONTRACTOR  
FLUOR FEDERAL PETROLEUM OPERATIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>As a result, the total contract value is increased by \$17,113,611 from \$741,958,963 to \$759,072,574. (See attached)</p> <p>B. Reference Section G, G.1. (d) Site Level COR addresses: The information is updated to reflect current COR designations. (See attached)</p> <p>C. Reference Section J, Attachment B - Work Authorization Directives (WADs): The FY 2017 WADs are incorporated by reference. (See attached)</p> <p>D. Reference Section J, Attachment D - Small Business Subcontracting Plan: The Small Business Subcontracting Plan for FY 2017 is hereby incorporated. (See attached)</p> <p>E. Reference Section J, Attachment F - List of Applicable DOE/SPRPMO Directives: The Directives List is revised to incorporate the following changes:                      DOE O 151.1D - Comprehensive Emergency Management System (08-11-16) is added; replacing DOE 151.1C (11/02/05).                      DOE O 551.1D Change 2 - Official Foreign Travel (08/09/16) is added; replacing DOE O 551.1D Change 1 (08/13/15).                      SPRPMO O 206.2 - Multifactor Authentication (06/02/16) is added.                      SPRPMO O 413.3A - Crude Oil Quality Program and Test Criteria (08/18/16) is added; replacing SPRPMO O 413.3A (12/22/10) and Change 2 (12/13/12).                      SPRPMO N 413.1A - Project Integrator Roles and Responsibilities (06/01/16) is added. (See attached)</p> <p>F. Reference Section J, Attachment G - Key Personnel: The list of Key Personnel is updated to reflect approved changes. (See attached)</p> <p>Payment:                      OR for SPRO                      U.S. Department of Energy                      Oak Ridge Financial Service Center                      P.O. Box 6017                      Oak Ridge TN 37831</p> <p>FOB: Destination                      Period of Performance: 04/01/2014 to 03/31/2019</p>				