

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0117	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Strategic Petroleum Reserve Project SPRO U.S. Department of Energy 900 Commerce Road East US 492 New Orleans LA 70123	CODE 892435	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	CODE 01601
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Fluor Federal Petroleum Operations, LLC Attn: Paul Avery 850 S Clearview Pkwy New Orleans LA 701233401		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE 078490442			9B. DATED (SEE ITEM 11)
FACILITY CODE		x	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-FE0011020
			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 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)

See Schedule

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 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:
X	D. OTHER (Specify type of modification and authority) See Block 14

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.)

Pursuant to the authority of Clauses H.2 Modification Authority, the following are updated:

Reference Section I - The following clause is incorporated by reference: 52.247-64

Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006).

Reference Section J, Attachment D - Small Business Subcontracting Plan: The Small Business Subcontracting Plan for the period October 1, 2021 through September 30, 2022 is hereby incorporated.

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) Justin Daniel Dudenhefer	
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 11/12/2021

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CONTINUATION SHEETREFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-FE0011020/0117PAGE OF
2 2

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)
	Payment: OR for SPRO U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 6017 Oak Ridge TN 37831 Period of Performance: 04/01/2014 to 03/31/2024				

PART 1 – THE SCHEDULE

SECTION I

CONTRACT CLAUSES

PART 1 – THE SCHEDULE

SECTION I

CONTRACT CLAUSES

Table of Contents

Application of FAR and DEAR Clauses is incorporated by reference as explained in FAR 52.252-2. Subsequent changes to FAR and DEAR are not applicable to this contract unless incorporated by Contract Modification. Additional information required by certain clauses is provided below. Note: * Denotes a change from previous modifications.

I.1	FAR 52.252-2	CLAUSES INCORPORATED BY REFERENCE (FEB 1998)	Full Text
I.2	FAR 52.202-1 DEAR 952.202-1	DEFINITIONS (NOV 2013) (AS MODIFIED BY DEAR DEFINITIONS FEB 2011)	Full Text
I.3	FAR 52.203-3	GRATUITIES (APR 1984)	By Reference
I.4	FAR 52.203-5	COVENANT AGAINST CONTINGENT FEES (MAY 2014)	By Reference
I.5	FAR 52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (SEP 2006)	By Reference
I.6	FAR 52.203-7	ANTI-KICKBACK PROCEDURES (MAY 2014)	By Reference
I.7	FAR 52.203-8	CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY (MAY 2014)	By Reference
I.8	FAR 52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (MAY 2014)	By Reference
I.9	FAR 52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (OCT 2010)	By Reference

I.10	FAR 52.203-13	CONTRACTOR CODE OF BUSINESS ETHICS AND CONDUCT (OCT 2015)	By Reference
I.11	FAR 52.203-14	DISPLAY OF HOTLINE POSTERS (JUN 2020)	Full Text*
I.12	FAR 52.204-1	APPROVAL OF CONTRACT (DEC 1989)	Full Text
I.13	FAR 52.204-4	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER (MAY 2011)	By Reference
I.14	FAR 52.204-7	SYSTEM FOR AWARD MANAGEMENT OCT 2016)	By Reference
I.15	FAR 52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)	By Reference
I.16	FAR 52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS (OCT 2016)	By Reference
I.17	FAR 52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (OCT 2015)	By Reference
I.18	FAR 52.209-9	UPDATE OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS (JULY 2013)	By Reference
I.19	FAR 52.211-5	MATERIAL REQUIREMENTS (AUG 2000)	By Reference
I.20	FAR 52.215-8	ORDER OF PRECEDENCE – UNIFORM CONTRACT FORMAT (OCT 1997)	By Reference
I.21	FAR 52.215-17	WAIVER OF FACILITIES CAPITAL COST OF MONEY (OCT 1997)	By Reference
I.22	FAR 52.217-9	OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)	Full Text

I.23	FAR 52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS (NOV 2016)	By Reference
I.24	FAR 52.219-9	SMALL BUSINESS SUBCONTRACTING PLAN (JAN 2017)	By Reference
I.25	FAR 52.219-16	LIQUIDATED DAMAGES- SUBCONTRACTING PLAN (JAN 1999)	By Reference
I.26	RESERVED		
I.27	FAR 52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (FEB 1997)	By Reference
I.28	FAR 52.222-2	PAYMENT OF OVERTIME PREMIUM (JULY 1990)	Full Text
I.29	FAR 52.222-3	CONVICT LABOR (JUNE 2003)	By Reference
I.30	FAR 52.222-4	CONTRACT WORK HOURS AND SAFETY STANDARDS OVERTIME COMPENSATION (MAY 2014)	By Reference
I.31	FAR 52.222-6	CONSTRUCTION WAGE RATE REQUIREMENTS (MAY 2014)	By Reference
I.32	FAR 52.222-7	WITHHOLDING OF FUNDS (MAY 2014)	By Reference
I.33	FAR 52.222-8	PAYROLLS AND BASIC RECORDS (MAY 2014)	By Reference
I.34	FAR 52.222-9	APPRENTICES AND TRAINEES (JULY 2005)	By Reference
I.35	FAR 52.222-10	COMPLIANCE WITH COPELAND ACT REQUIREMENTS (FEB 1988)	By Reference
I.36	FAR 52.222-11	SUBCONTRACTS (LABOR STANDARDS) (MAY 2014)	By Reference
I.37	FAR 52.222-12	CONTRACT TERMINATION- DEBARMENT (MAY 2014)	By Reference
I.38	FAR 52.222-13	COMPLIANCE WITH CONSTRUCTION WAGE RATE REQUIREMENTS AND RELATED REGULATIONS (MAY 2014)	By Reference

I.39	FAR 52.222-14	DISPUTES CONCERNING LABOR STANDARDS (FEB 1988)	By Reference
I.40	FAR 52.222-15	CERTIFICATION OF ELIGIBILITY (MAY 2014)	By Reference
I.41	FAR 52.222-16	APPROVAL OF WAGE RATES (MAY 2014)	By Reference
I.42	FAR 52.222-20	CONTRACTS FOR MATEIRALS, SUPPLIES, ARTICLES, AND EQUIPMENT EXCEEDING \$15,000 (MAY 2014)	By Reference
I.43	FAR 52.222-21	PROHIBITION OF SEGREGATED FACILITIES (APRIL 2015)	By Reference
I.44	FAR 52.222-26	EQUAL OPPORTUNITY (SEP 2016)	By Reference
I.45	FAR 52.222-35	EQUAL OPPORTUNITY FOR VETERANS (OCT 2015)	By Reference
I.46	FAR 52.222-36	EQUAL OPPORTUNITY FOR WORKERS WITH DISABILITIES (JULY 2014)	By Reference
I.47	FAR 52.222-37	EMPLOYMENT REPORTS ON VETERANS (FEB 2016)	By Reference
I.48	FAR 52.222-38	COMPLIANCE WITH VETERANS' EMPLOYMENT REPORTING REQUIREMENTS (FEB 2016)	By Reference
I.49	FAR 52.222-40	NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT (DEC 2010)	By Reference
I.50	FAR 52.222-41	SERVICE CONTRACT LABOR STANDARDS (MAY 2014)	By Reference
I.51	FAR 52.222-50	COMBATING TRAFFICKING IN PERSONS (MARCH 2015)	By Reference
I.52	FAR 52.222-54	EMPLOYMENT ELIGIBILITY VERIFICATION (OCT 2015)	By Reference

I.53	FAR 52.223-2	AFFIRMATIVE PROCUREMENT OF BIOBASED PRODUCTS UNDER SERVICE AND CONSTRUCTION CONTRACTS (SEP 2013)	By Reference
I.54	FAR 52.223-3	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (JAN 1997) ALTERNATE I (JUL 1995)	Full Text*
I.55	FAR 52.223-5	POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION (MAY 2011)	By Reference
I.56	FAR 52.223-10	WASTE REDUCTION PROGRAM (MAY 2011)	By Reference
I.57	FAR 52.223-11	OZONE-DEPLETING SUBSTANCES (JUNE 2016)	By Reference
I.58	FAR 52.223-12	MAINTENANCE, SERVICE, REPAIR, OR DISPOSAL OF REFRIGERATION EQUIPMENT AND AIR CONDITIONERS (JUNE 2016)	By Reference
I.59	FAR 52.223-15	ENERGY EFFICIENCY IN ENERGY CONSUMING PRODUCTS (DEC 2007)	By Reference
I.60	FAR 52.223-16	ACQUISITION OF EPEAT®-REGISTERED PERSONAL COMPUTER PRODUCTS (OCT 2015)	By Reference
I.61	FAR 52.223-17	AFFIRMATIVE PROCUREMENT OF EPA-DESIGNATED ITEMS IN SERVICE AND CONSTRUCTION CONTRACTS (MAY 2008)	By Reference
I.62	FAR 52.223-18	ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (AUG 2011)	By Reference
I.63	FAR 52.223-19	COMPLIANCE WITH ENVIRONMENTAL MANAGEMENT SYSTEMS (MAY 2011)	By Reference
I.64	FAR 52.224-1	PRIVACY ACT NOTIFICATION (APR 1984)	By Reference

I.65	FAR 52.224-2	PRIVACY ACT (APR 1984)	By Reference
I.66	FAR 52.225-1	BUY AMERICAN - SUPPLIES (MAY 2014)	By Reference
I.67	FAR 52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (JUNE 2008)	By Reference
I.68	FAR 52.227-23	RIGHTS TO PROPOSAL DATA (TECHNICAL) (JUN 1987)	Full Text
I.69	FAR 52.230-2	COST ACCOUNTING STANDARDS (OCT 2015)	By Reference
I.70	FAR 52.230-6	ADMINISTRATION OF COST ACCOUNTING STANDARDS (JUNE 2010)	By Reference
I.71	FAR 52.232-17	INTEREST (MAY 2014)	By Reference
I.72	FAR 52.232-23	ASSIGNMENT OF CLAIMS (MAY 2014)	By Reference
I.73	FAR 52.233-1	DISPUTES (MAY 2014) ALTERNATE I (DEC 1991)	By Reference
I.74	FAR 52.233-3	PROTEST AFTER AWARD (AUG 1996) ALTERNATE I (JUN 1985)	By Reference
I.75	FAR 52.233-4	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM (OCT 2004)	By Reference
I.76	FAR 52.234-4	EARNED VALUE MANAGEMENT SYSTEM (NOV 2016)	Full Text
I.77	FAR 52.237-2	PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT, AND VEGETATION (APR 1984)	By Reference
I.78	FAR 52.237-3	CONTINUITY OF SERVICES (JAN 1991)	By Reference
I.79	FAR 52.239-1	PRIVACY OR SECURITY SAFEGUARDS (AUG 1996)	By Reference
I.80	FAR 52.242-13	BANKRUPTCY (JUL 1995)	By Reference

I.81	FAR 52.244-5	COMPETITION IN SUBCONTRACTING (DEC 1996)	By Reference
I.82	FAR 52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS (JUNE 2016)	By Reference
I.83	FAR 52.247-64	PREFERENCE FOR PRIVATELY OWNED U.S.-FLAG COMMERCIAL VESSELS (FEB 2006)	By Reference
I.84	FAR 52.249-6	TERMINATION (COST REIMBURSEMENT) (MAY 2004)	Full Text
I.85	FAR 52.249-14	EXCUSABLE DELAYS (APR 1984)	By Reference
I.86	FAR 52.251-1	GOVERNMENT SUPPLY SOURCES (APR 2012)	By Reference
I.87	FAR 52.251-2	INTERAGENCY FLEET MANAGEMENT SYSTEM VEHICLES AND RELATED SERVICES (JAN 1991)	By Reference
I.88	FAR 52.252-6	AUTHORIZED DEVIATIONS IN CLAUSES (APR 1984)	Full Text*
I.89	FAR 52.253-1	COMPUTER GENERATED FORMS (JAN 1991)	By Reference
I.90	DEAR 952.203-70	WHISTLEBLOWER PROTECTION FOR CONTRACTOR EMPLOYEES (DEC 2000)	By Reference
I.91	DEAR 952.204-2	SECURITY (AUG 2016)	(By Reference)
I.92	DEAR 952.204-70	CLASSIFICATION/ DECLASSIFICATION (SEP 1997)	By Reference
I.93	DEAR 952.204-75	PUBLIC AFFAIRS (DEC 2000)	By Reference
I.94	DEAR 952.204-77	COMPUTER SECURITY (AUG 2006)	By Reference
I.95	DEAR 952.209-72	ORGANIZATIONAL CONFLICTS OF INTEREST (AUG 2009) ALTERNATE I (FEB 2011)	Full Text
I.96	DEAR 952.215-70	KEY PERSONNEL (DEC 2000)	Full Text

I.97	DEAR 952.217-70	ACQUISITION OF REAL PROPERTY (MAR 2011)	By Reference
I.98	DEAR 952.219-70	MENTOR-PROTÉGÉ PROGRAM (MAY 2000)	By Reference
I.99	DEAR 952.226-74	DISPLACED EMPLOYEE HIRING PREFERENCE (JUNE 1997)	By Reference
I.100	DEAR 952.247-70	FOREIGN TRAVEL (JUNE 2010)	By Reference
I.101	DEAR 952.251-70	CONTRACTOR EMPLOYEE TRAVEL DISCOUNTS (AUG 2009)	By Reference
I.102	DEAR 970.5203-1	MANAGEMENT CONTROLS (JUNE 2007)	By Reference
I.103	DEAR 970.5203-2	PERFORMANCE IMPROVEMENT AND COLLABORATION (MAY 2006)	By Reference
I.104	DEAR 970.5203-3	CONTRACTOR'S ORGANIZATION (DEC 2000)	By Reference
I.105	DEAR 970.5204-1	COUNTERINTELLIGENCE (DEC 2010)	By Reference
I.106	DEAR 970.5204-2	LAWS, REGULATIONS, AND DOE DIRECTIVES (DEC 2000)	By Reference
I.107	DEAR 970.5204-3	ACCESS TO AND OWNERSHIP OF RECORDS (OCT 2014) (DEVIATION MAY 2015)	Full Text
I.108	DEAR 970.5208-1	PRINTING (DEC 2000)	By Reference
I.109	DEAR 970.5211-1	WORK AUTHORIZATION (MAY 2007)	By Reference
I.110	DEAR 970.5215-1	TOTAL AVAILABLE FEE: BASE FEE AMOUNT AND PERFORMANCE FEE AMOUNT (DEC 2000), ALTERNATE II (DEC 2000) AND ALTERNATE IV (DEC 2000)	Full Text
I.111	DEAR 970.5215-3	CONDITIONAL PAYMENT OF FEE, PROFIT, AND OTHER INCENTIVES – FACILITY MANAGEMENT CONTRACTS (AUG 2009), ALTERNATE II (AUG 2009)	Full Text

I.112	DEAR 970.5215-4	COST REDUCTION (AUG 2009)	By Reference
I.113	DEAR 970.5222-1	COLLECTIVE BARGAINING AGREEMENTS-MANAGEMENT AND OPERATING CONTRACTS (DEC 2000)	By Reference
I.114	DEAR 970.5222-2	OVERTIME MANAGEMENT (DEC 2000)	By Reference
I.115	DEAR 970.5223-1	INTEGRATION OF ENVIRONMENT, SAFETY AND HEALTH INTO WORK PLANNING AND EXECUTION (DEC 2000)	By Reference
I.116	DEAR 970.5223-4	WORKPLACE SUBSTANCE ABUSE PROGRAMS AT DOE SITES (DEC 2010)	By Reference
I.117	DEAR 970.5223-6	EXECUTIVE ORDER 13423, STRENGTHENING FEDERAL, ENVIRONMENTAL, ENERGY, AND TRANSPORTATION MANAGEMENT (OCT 2010)	By Reference
I.118	DEAR 970.5223-7	SUSTAINABLE ACQUISITION PROGRAM (OCT 2010)	By Reference
I.119	DEAR 970.5226-1	DIVERSITY PLAN (DEC 2000)	By Reference
I.120	DEAR 970.5226-3	COMMUNITY COMMITMENT (DEC 2000)	By Reference
I.121	DEAR 970.5227-1	RIGHTS IN DATA—FACILITIES (DEC 2000)	By Reference
I.122	DEAR 970.5227-4	AUTHORIZATION AND CONSENT (AUG 2002)	By Reference
I.123	DEAR 970.5227-5	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (AUG 2002)	By Reference
I.124	DEAR 970.5227-6	PATENT INDEMNITY SUBCONTRACTS (DEC 2000)	By Reference
I.125	DEAR 970.5227-8	REFUND OF ROYALTIES (AUG 2002)	By Reference

I.126	DEAR 970.5227-11	PATENT RIGHTS - MANAGEMENT AND OPERATING CONTRACTS, FOR PROFIT CONTRACTOR, NON-TECHNOLOGY TRANSFER (DEC 2000)	By Reference
I.127	DEAR 970.5228-1	INSURANCE-LITIGATION AND CLAIMS (JULY 2013)	By Reference
I.128	DEAR 970.5229-1	STATE AND LOCAL TAXES (DEC 2000)	By Reference
I.129	DEAR 970.5231-4	PREEXISTING CONDITIONS (DEC 2000) ALTERNATE II (DEC 2000)	Full Text
I.130	DEAR 970.5232-1	REDUCTION OR SUSPENSION OF ADVANCE, PARTIAL, OR PROGRESS PAYMENTS (DEC 2000)	By Reference
I.131	DEAR 970.5232-2	PAYMENTS AND ADVANCES (DEC 2000) ALTERNATE II (DEC 2000), ALTERNATE III (DEC 2000)	Full Text
I.132	DEAR 970.5232-3	ACCOUNTS, RECORDS, AND INSPECTION (DEC 2010)	By Reference
I.133	DEAR 970.5232-4	OBLIGATION OF FUNDS (DEC 2000)	Full Text
I.134	DEAR 970.5232-5	LIABILITY WITH RESPECT TO COST ACCOUNTING STANDARDS (DEC 2000)	By Reference
I.135	DEAR 970.5232-6	STRATEGIC PARTNERSHIP PROJECTS FUDNING AUTHORIZATION (APRIL 2015)	By Reference
I.136	DEAR 970.5232-7	FINANCIAL MANAGEMENT SYSTEM (DEC 2000)	By Reference
I.137	DEAR 970.5232-8	INTEGRATED ACCOUNTING (DEC 2000)	By Reference
I.138	DEAR 970.5236-1	GOVERNMENT FACILITY SUB-CONTRACT APPROVAL (DEC 2000)	By Reference
I.139	DEAR 970.5242-1	PENALTIES FOR UNALLOWABLE COSTS (AUG 2009)	By Reference

I.140	DEAR 970.5243-1	CHANGES (DEC 2000)	By Reference
I.141	DEAR 970.5244-1	CONTRACTOR PURCHASING SYSTEM (AUG 2016) (DEVIATION)	Full Text
I.142	DEAR 970.5245-1	PROPERTY (AUG 2016)	By Reference
I.143	FAR 52.243-2	CHANGES – COST REIMBURSEMENT (AUG 1987)	By Reference
I.144	FAR 52.203-17	CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS AND REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS (APRIL 2014)	By Reference
I.145	FAR 52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (OCT 2016)	By Reference
I.146	FAR 52.209-10	PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS (NOV 2015)	By Reference
I.147	FAR 52.242-1	NOTICE OF INTENT TO DISALLOW COSTS (APR 1984)	By Reference
I.148	FAR 52.223-13	ACQUISITION OF EPEAT®- REGISTERED IMAGING EQUIPMENT (JUNE 2014)	By Reference
I.149	FAR 52.223-14	ACQUISITION OF EPEAT®- REGISTERED TELEVISIONS (JUNE 2014)	By Reference
I.150	FAR 52.225-9	BUY AMERICAN – CONSTRUCTION MATERIALS (MAY 2014)	By Reference
I.151	FAR 52.222-55	MINIMUM WAGES UNDER EXECUTIVE ORDER 13658 (DEC 2015)	By Reference
I.152	FAR 52.203-19	PROHIBITION ON REQUIRING CERTAIN INTERNAL CONFIDENTIALITY AGREEMENTS – STATEMENTS (JAN 2017)	By Reference

I.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://farsite.hill.af.mil>, <http://www.acquisition.gov/far/>

<http://energy.gov/sites/prod/files/maprod/documents/EDEARMarch142011-OPAM-Policy.pdf>

I.2 FAR 52.202-1 DEFINITIONS (NOV 2013) AS MODIFIED BY DEAR 952.202-1 DEFINITIONS (FEB 2011)

(a) When a solicitation provision or contract clause uses a word or term that is defined in the Federal Acquisition Regulation (FAR), the word or term has the same meaning as the definition in FAR 2.101 in effect at the time the solicitation was issued, unless—

- (1) The solicitation, or amended solicitation, provides a different definition;
- (2) The contracting parties agree to a different definition;
- (3) The part, subpart, or section of the FAR where the provision or clause is prescribed provides a different meaning; or
- (4) The word or term is defined in FAR Part 31, for use in the cost principles and procedures.

(b) When a solicitation provision or contract clause uses a word or term that is defined in the Department of Energy Acquisition Regulation (DEAR) (48 CFR chapter 9), the word or term has the same meaning as the definition in 48 CFR 902.101 or the definition in the part, subpart, or section of 48 CFR chapter 9 where the provision or clause is prescribed in effect at the time the solicitation was issued, unless an exception in (a) applies.

I.11 FAR 52.203-14 DISPLAY OF HOTLINE POSTER(S). (JUN 2020)*

United States, as used in this clause, means the 50 States, the District of Columbia, and outlying areas.

(b) *Display of fraud hotline poster(s)*. Except as provided in paragraph (c)—

(1) During contract performance in the United States, the Contractor shall prominently display in common work areas within business segments performing work under this contract and at contract work sites-

(i) Any agency fraud hotline poster or Department of Homeland Security (DHS) fraud hotline poster identified in paragraph (b)(3) of this clause; and

(ii) Any DHS fraud hotline poster subsequently identified by the Contracting Officer.

(2) Additionally, if the Contractor maintains a company website as a method of providing information to employees, the Contractor shall display an electronic version of the poster(s) at the website.

(3) Any required posters may be obtained as follows:

<i>Poster(s)</i>	<i>Obtain from</i>
<i>Department of Energy Office of Inspector General</i>	Office of Inspector General, Hotline Poster Department of Energy

(Contracting Officer shall insert—

(i) Appropriate agency name(s) and/or title of applicable Department of Homeland Security fraud hotline poster); and

(ii) The website(s) or other contact information for obtaining the poster(s).)

(c) If the Contractor has implemented a business ethics and conduct awareness program, including a reporting mechanism, such as a hotline poster, then the Contractor need not display any agency fraud hotline posters as required in paragraph (b) of this clause, other than any required DHS posters.

(d) *Subcontracts.* The Contractor shall include the substance of this clause, including this paragraph (d), in all subcontracts that exceed the threshold specified in Federal Acquisition Regulation 3.1004(b)(1) on the date of subcontract award, except when the subcontract—

(1) Is for the acquisition of a commercial item; or

(2) Is performed entirely outside the United States.

(End of clause)

I.12 52.204-1 APPROVAL OF CONTRACT (DEC 1989)

This contract is subject to the written approval of the DOE Procurement Executive or designee and shall not be binding until so approved.

I.22 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

- (a) The Government may extend the term of this contract by written notice to the Contractor within 180 days of the expiration of the base contract; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 12 months before the contract expires. The preliminary notice does not commit the Government to an extension.
- (b) If the Government exercises this option, the extended contract shall be considered to include this option clause.
- (c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 10 years.

I.28 52.222-2 PAYMENT FOR OVERTIME PREMIUM (JUL 1990)

- (a) The use of overtime is authorized under this contract if the overtime premium does not exceed [*] or the overtime premium is paid for work –
 - (1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;
 - (2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;
 - (3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or
 - (4) That will result in lower overall costs to the Government.
- (b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall –
 - (1) Identify the work unit; *e.g.*, department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;

- (2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;
- (3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and
- (4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

** Overtime premium established annually by modification.*

I.54 FAR 52.223-3 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA. (FEB 2021) ALTERNATE I (JUL 1995)

Material (If none, insert None) Identification No.

<u>None</u> _____	_____
_____	_____
_____	_____

(a) "Hazardous material," as used in this clause, includes any material defined as hazardous under the latest version of Federal Standard No.313 (including revisions adopted during the term of the contract).

(b) The offeror must list any hazardous material, as defined in paragraph (a) of this clause, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

(c) This list must be updated during performance of the contract whenever the Contractor determines that any other material to be delivered under this contract is hazardous.

(d) The apparently successful offeror agrees to submit, for each item as required prior to award, a Material Safety Data Sheet, meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No.313, for all hazardous material identified in paragraph (b) of this clause. Data shall be submitted in accordance with Federal Standard No.313, whether or not the apparently successful offeror is the actual manufacturer of these items. Failure to submit the Material Safety Data Sheet prior to award may result in the apparently successful offeror being considered nonresponsible and ineligible for award.

(e) If, after award, there is a change in the composition of the item(s) or a revision to Federal Standard No.313, which renders incomplete or inaccurate the data submitted under paragraph (d) of this clause, the Contractor shall promptly notify the Contracting Officer and resubmit the data.

(f) Neither the requirements of this clause nor any act or failure to act by the Government shall relieve the Contractor of any responsibility or liability for the safety of Government, Contractor, or subcontractor personnel or property.

(g) Nothing contained in this clause shall relieve the Contractor from complying with applicable Federal, State, and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material.

(h) The Government's rights in data furnished under this contract with respect to hazardous material are as follows:

(1) To use, duplicate and disclose any data to which this clause is applicable. The purposes of this right are to-

(i) Apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous materials;

(ii) Obtain medical treatment for those affected by the material; and

(iii) Have others use, duplicate, and disclose the data for the Government for these purposes.

(2) To use, duplicate, and disclose data furnished under this clause, in accordance with paragraph (h)(1) of this clause, in precedence over any other clause of this contract providing for rights in data.

(3) The Government is not precluded from using similar or identical data acquired from other sources.

(i) Except as provided in paragraph (i)(2), the Contractor shall prepare and submit a sufficient number of Material Safety Data Sheets (MSDS's), meeting the requirements of 29 CFR1910.1200(g) and the latest version of Federal Standard No.313, for all hazardous materials identified in paragraph (b) of this clause.

(1) For items shipped to consignees, the Contractor shall include a copy of the MSDS's with the packing list or other suitable shipping document which accompanies each shipment. Alternatively, the Contractor is permitted to transmit MSDS's to consignees in advance of receipt of shipments by consignees, if authorized in writing by the Contracting Officer.

(2) For items shipped to consignees identified by mailing address as agency depots, distribution centers or customer supply centers, the Contractor shall provide one copy of the

MSDS's in or on each shipping container. If affixed to the outside of each container, the MSDS's must be placed in a weather resistant envelope.

(End of clause)

I.68 FAR 52.227-23 RIGHTS TO PROPOSAL DATA (TECHNICAL) (JUN 1987)

Except for data in Volumes II and III, it is agreed that as a condition of award of this contract and notwithstanding the conditions of any notice appearing thereon, the Government shall have unlimited rights (as defined in the "Rights in Data—General" clause contained in this contract) in and to the technical data contained in the proposal dated June 28, 2012, upon which this contract is based.

I.76 FAR 52.234-4 EARNED VALUE MANAGEMENT SYSTEM (NOV 2016)

- (a) The Contractor shall use an earned value management system (EVMS) that has been determined by the Cognizant Federal Agency (CFA) to be compliant with the guidelines in Electronic Industries Standard 748 (EIA- 748) (current version at the time of award) to manage this contract. If the Contractor's current EVMS has not been determined compliant at the time of award, see paragraph (b) of this clause. The Contractor shall submit reports in accordance with the requirements of this contract.
- (b) If, at the time of award, the Contractor's EVM System has not been determined by the CFA as complying with EVMS guidelines or the Contractor does not have an existing cost/schedule control system that is compliant with the guidelines in EIA - 748 (current version at time of award), the Contractor shall—
 - (1) Apply the current system to the contract; and
 - (2) Take necessary actions to meet the milestones in the Contractor's EVMS plan approved by the Contracting Officer.
- (c) The Government will conduct an Integrated Baseline Review (IBR). If a pre-award IBR has not been conducted, a post award IBR shall be conducted as early as practicable after contract award.
- (d) The Contracting Officer may require an IBR at—
 - (1) Exercise of significant options; or
 - (2) Incorporation of major modifications.

- (e) Unless a waiver is granted by the CFA, Contractor proposed EVMS changes require approval of the CFA prior to implementation. The CFA will advise the Contractor of the acceptability of such changes within 30 calendar days after receipt of the notice of proposed changes from the Contractor. If the advance approval requirements are waived by the CFA, the Contractor shall disclose EVMS changes to the CFA at least 14 calendar days prior to the effective date of implementation.
- (f) The Contractor shall provide access to all pertinent records and data requested by the Contracting Officer or an authorized representative as necessary to permit Government surveillance to ensure that the EVMS conforms, and continues to conform, with the performance criteria referenced in paragraph (a) of this clause.
- (g) The Contractor shall require the subcontractors specified below to comply with the requirements of this clause: (Insert list of applicable subcontractors.)

As Required.

I.83 FAR 52.249-6 - TERMINATION (COST REIMBURSEMENT) (MAY 2004))

- (a) The Government may terminate performance of work under this contract in whole or, from time to time, in part, if-
 - (1) The Contracting Officer determines that a termination is in the Government's interest; or
 - (2) The Contractor defaults in performing this contract and fails to cure the default within 10 days (unless extended by the Contracting Officer) after receiving a notice specifying the default. "Default" includes failure to make progress in the work so as to endanger performance.
- (b) The Contracting Officer shall terminate by delivering to the Contractor a Notice of Termination specifying whether termination is for default of the Contractor or for convenience of the Government, the extent of termination, and the effective date. If, after termination for default, it is determined that the Contractor was not in default or that the Contractor's failure to perform or to make progress in performance is due to causes beyond the control and without the fault or negligence of the Contractor as set forth in the Excusable Delays clause, the rights and obligations of the parties will be the same as if the termination was for the convenience of the Government.
- (c) After receipt of a Notice of Termination, and except as directed by the Contracting Officer, the Contractor shall immediately proceed with the following obligations, regardless of any delay in determining or adjusting any amounts due under this clause:
 - (1) Stop work as specified in the notice.

- (2) Place no further subcontracts or orders (referred to as subcontracts in this clause), except as necessary to complete the continued portion of the contract.
- (3) Terminate all subcontracts to the extent they relate to the work terminated.
- (4) Assign to the Government, as directed by the Contracting Officer, all right, title, and interest of the Contractor under the subcontracts terminated, in which case the Government shall have the right to settle or to pay any termination settlement proposal arising out of those terminations.
- (5) With approval or ratification to the extent required by the Contracting Officer, settle all outstanding liabilities and termination settlement proposals arising from the termination of subcontracts, the cost of which would be reimbursable in whole or in part, under this contract; approval or ratification will be final for purposes of this clause.
- (6) Transfer title (if not already transferred) and, as directed by the Contracting Officer, deliver to the Government-
 - (i) The fabricated or unfabricated parts, work in process, completed work, supplies, and other material produced or acquired for the work terminated;
 - (ii) The completed or partially completed plans, drawings, information, and other property that, if the contract had been completed, would be required to be furnished to the Government; and
 - (iii) The jigs, dies, fixtures, and other special tools and tooling acquired or manufactured for this contract, the cost of which the Contractor has been or will be reimbursed under this contract.
- (7) Complete performance of the work not terminated.
- (8) Take any action that may be necessary, or that the Contracting Officer may direct, for the protection and preservation of the property related to this contract that is in the possession of the Contractor and in which the Government has or may acquire an interest.
- (9) Use its best efforts to sell, as directed or authorized by the Contracting Officer, any property of the types referred to in paragraph (c)(6) of this clause; provided, however, that the Contractor (i) is not required to extend credit to any purchaser and (ii) may acquire the property under the conditions prescribed by, and at prices approved by, the Contracting Officer. The proceeds of any transfer or disposition will be applied to reduce any

payments to be made by the Government under this contract, credited to the price or cost of the work, or paid in any other manner directed by the Contracting Officer.

- (d) The Contractor shall submit complete termination inventory schedules no later than 120 days from the effective date of termination, unless extended in writing by the Contracting Officer upon written request of the Contractor within this 120-day period.
- (e) After expiration of the plant clearance period as defined in Subpart 49.001 of the Federal Acquisition Regulation, the Contractor may submit to the Contracting Officer a list, certified as to quantity and quality, of termination inventory not previously disposed of, excluding items authorized for disposition by the Contracting Officer. The Contractor may request the Government to remove those items or enter into an agreement for their storage. Within 15 days, the Government will accept the items and remove them or enter into a storage agreement. The Contracting Officer may verify the list upon removal of the items, or if stored, within 45 days from submission of the list, and shall correct the list, as necessary, before final settlement.
- (f) After termination, the Contractor shall submit a final termination settlement proposal to the Contracting Officer in the form and with the certification prescribed by the Contracting Officer. The Contractor shall submit the proposal promptly, but no later than 1 year from the effective date of termination, unless extended in writing by the Contracting Officer upon written request of the Contractor within this 1-year period. However, if the Contracting Officer determines that the facts justify it, a termination settlement proposal may be received and acted on after 1 year or any extension. If the Contractor fails to submit the proposal within the time allowed, the Contracting Officer may determine, on the basis of information available, the amount, if any, due the Contractor because of the termination and shall pay the amount determined.
- (g) Subject to paragraph (f) of this clause, the Contractor and the Contracting Officer may agree on the whole or any part of the amount to be paid (including an allowance for fee) because of the termination. The contract shall be amended, and the Contractor paid the agreed amount.
- (h) If the Contractor and the Contracting Officer fail to agree in whole or in part on the amount of costs and/or fee to be paid because of the termination of work, the Contracting Officer shall determine, on the basis of information available, the amount, if any, due the Contractor, and shall pay that amount, which shall include the following:
 - (1) All costs reimbursable under this contract, not previously paid, for the performance of this contract before the effective date of the termination, and those costs that may continue for a reasonable time with the approval of or

as directed by the Contracting Officer; however, the Contractor shall discontinue those costs as rapidly as practicable.

- (2) The cost of settling and paying termination settlement proposals under terminated subcontracts that are properly chargeable to the terminated portion of the contract if not included in paragraph (h)(1) of this clause.
- (3) The reasonable costs of settlement of the work terminated, including-
 - (i) Accounting, legal, clerical, and other expenses reasonably necessary for the preparation of termination settlement proposals and supporting data;
 - (ii) The termination and settlement of subcontracts (excluding the amounts of such settlements); and
 - (iii) Storage, transportation, and other costs incurred, reasonably necessary for the preservation, protection, or disposition of the termination inventory. If the termination is for default, no amounts for the preparation of the Contractor's termination settlement proposal may be included.
- (4) A portion of the fee payable under the contract, determined as follows:
 - (i) If the contract is terminated for the convenience of the Government, the settlement shall include a percentage of the fee equal to the percentage of completion of work contemplated under the contract, but excluding subcontract effort included in subcontractors' termination proposals, less previous payments for fee.
 - (ii) If the contract is terminated for default, the total fee payable shall be such proportionate part of the fee as the total number of articles (or amount of services) delivered to and accepted by the Government is to the total number of articles (or amount of services) of a like kind required by the contract.
- (5) If the settlement includes only fee, it will be determined under paragraph (h)(4) of this clause.
 - (i) The cost principles and procedures in Part 31 of the Federal Acquisition Regulation in effect on the date of this contract, shall govern all costs claimed, agreed to, or determined under this clause.
- (j) The Contractor shall have the right of appeal, under the Disputes clause, from any determination made by the Contracting Officer under paragraph (f), (h), or (l) of this clause, except that if the Contractor failed to submit the termination settlement

proposal within the time provided in paragraph (f) and failed to request a time extension, there is no right of appeal. If the Contracting Officer has made a determination of the amount due under paragraph (f), (h) or (l) of this clause, the Government shall pay the Contractor-

- (1) The amount determined by the Contracting Officer if there is no right of appeal or if no timely appeal has been taken; or
 - (2) The amount finally determined on an appeal.
- (k) In arriving at the amount due the Contractor under this clause, there shall be deducted-
- (1) All unliquidated advance or other payments to the Contractor, under the terminated portion of this contract;
 - (2) Any claim which the Government has against the Contractor under this contract; and
 - (3) The agreed price for, or the proceeds of sale of materials, supplies, or other things acquired by the Contractor or sold under this clause and not recovered by or credited to the Government.
- (l) The Contractor and Contracting Officer must agree to any equitable adjustment in fee for the continued portion of the contract when there is a partial termination. The Contracting Officer shall amend the contract to reflect the agreement.
- (m) (1) The Government may, under the terms and conditions it prescribes, make partial payments and payments against costs incurred by the Contractor for the terminated portion of the contract, if the Contracting Officer believes the total of these payments will not exceed the amount to which the Contractor will be entitled.
- (2) If the total payments exceed the amount finally determined to be due, the Contractor shall repay the excess to the Government upon demand, together with interest computed at the rate established by the Secretary of the Treasury under 50 U.S.C. App. 1215(b)(2). Interest shall be computed for the period from the date the excess payment is received by the Contractor to the date the excess is repaid. Interest shall not be charged on any excess payment due to a reduction in the Contractor's termination settlement proposal because of retention or other disposition of termination inventory until 10 days after the date of the retention or disposition, or a later date determined by the Contracting Officer because of the circumstances.
- (n) The provisions of this clause relating to fee are inapplicable if this contract does not include a fee.

I.87 FAR 52.252-6 AUTHORIZED IN CLAUSES (NOV 2020)*

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any Department of Energy Regulation (48 CFR 9) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of clause)

I.94 DEAR 952.209-72 ORGANIZATIONAL CONFLICTS OF INTEREST (AUG 2009)- ALTERNATE I (FEB 2011)

(a) Purpose. The purpose of this clause is to ensure that the Contractor (1) is not biased because of its financial, contractual, organizational, or other interests which relate to the work under this contract, and (2) does not obtain any unfair competitive advantage over other parties by virtue of its performance of this contract.

(b) Scope. The restrictions described herein shall apply to performance or participation by the Contractor and any of its affiliates or their successors in interest (hereinafter collectively referred to as "Contractor") in the activities covered by this clause as a prime Contractor, subcontractor, cosponsor, joint venturer, consultant, or in any similar capacity. For the purpose of this clause, affiliation occurs when a business concern is controlled by or has the power to control another or when a third party has the power to control both.

(1) Use of Contractor's Work Product.

(i) The Contractor shall be ineligible to participate in any capacity in Department contracts, subcontracts, or proposals therefore (solicited and unsolicited) which stem directly from the Contractor's performance of work under this contract for a period of three (3) years after the completion of this contract. Furthermore, unless so directed in writing by the Contracting Officer, the Contractor shall not perform any advisory and assistance services work under this contract on any of its products or services or the products or services of another firm if the Contractor is or has been substantially involved in their development or marketing. Nothing in this subparagraph shall preclude the Contractor from competing for follow-on contracts for advisory and assistance services.

- (ii) If, under this contract, the Contractor prepares a complete or essentially complete statement of work or specifications to be used in competitive acquisitions, the Contractor shall be ineligible to perform or participate in any capacity in any contractual effort which is based on such statement of work or specifications. The Contractor shall not incorporate its products or services in such statement of work or specifications unless so directed in writing by the Contracting Officer, in which case the restriction in this subparagraph shall not apply.
 - (iii) Nothing in this paragraph shall preclude the Contractor from offering or selling its standard and commercial items to the Government.
- (2) Access to and use of information.
- (i) If the Contractor, in the performance of this contract, obtains access to information, such as Department plans, policies, reports, studies, financial plans, internal data protected by the Privacy Act of 1974 (5 U.S.C. 552a), or data which has not been released or otherwise made available to the public, the Contractor agrees that without prior written approval of the Contracting Officer it shall not-
 - (A) Use such information for any private purpose unless the information has been released or otherwise made available to the public;
 - (B) Compete for work for the Department based on such information for a period of six (6) months after either the completion of this contract or until such information is released or otherwise made available to the public, whichever is first;
 - (C) Submit an unsolicited proposal to the Government which is based on such information until one year after such information is released or otherwise made available to the public; and
 - (D) Release such information unless such information has previously been released or otherwise made available to the public by the Department.
 - (ii) In addition, the Contractor agrees that to the extent it receives or is given access to proprietary data, data protected by the Privacy Act of 1974 (5 U.S.C. 552a), or other confidential or privileged technical, business, or financial information under this contract, it shall treat

such information in accordance with any restrictions imposed on such information.

- (iii) The Contractor may use technical data it first produces under this contract for its private purposes consistent with paragraphs (b)(2)(i) (A) and (D) of this clause and the patent, rights in data, and security provisions of this contract.
- (c) Disclosure after award.
- (1) The Contractor agrees that, if changes, including additions, to the facts disclosed by it prior to award of this contract, occur during the performance of this contract, it shall make an immediate and full disclosure of such changes in writing to the Contracting Officer. Such disclosure may include a description of any action which the Contractor has taken or proposes to take to avoid, neutralize, or mitigate any resulting conflict of interest. The Department may, however, terminate the contract for convenience if it deems such termination to be in the best interest of the Government.
 - (2) In the event that the Contractor was aware of facts required to be disclosed or the existence of an actual or potential organizational conflict of interest and did not disclose such facts or such conflict of interest to the Contracting Officer, DOE may terminate this contract for default.
- (d) Remedies. For breach of any of the above restrictions or for nondisclosure or misrepresentation of any facts required to be disclosed concerning this contract, including the existence of an actual or potential organizational conflict of interest at the time of or after award, the Government may terminate the contract for default, disqualify the Contractor from subsequent related contractual efforts, and pursue such other remedies as may be permitted by law or this contract.
- (e) Waiver. Requests for waiver under this clause shall be directed in writing to the Contracting Officer and shall include a full description of the requested waiver and the reasons in support thereof. If it is determined to be in the best interests of the Government, the Contracting Officer may grant such a waiver in writing.
- (f) Subcontracts.
- (1) The Contractor shall include a clause, substantially similar to this clause, including this paragraph (f), in subcontracts expected to exceed the simplified acquisition threshold determined in accordance with 48 CFR part 13 and involving the performance of advisory and assistance services as that term is defined at 48 CFR 2.101. The terms “contract,” “Contractor,” and “Contracting Officer” shall be appropriately modified to preserve the Government’s rights.

- (2) Prior to the award under this contract of any such subcontracts for advisory and assistance services, the Contractor shall obtain from the proposed subcontractor or consultant the disclosure required by 48 CFR 909.507-1, and shall determine in writing whether the interests disclosed present an actual or significant potential for an organizational conflict of interest. Where an actual or significant potential organizational conflict of interest is identified, the Contractor shall take actions to avoid, neutralize, or mitigate the organizational conflict to the satisfaction of the Contractor. If the conflict cannot be avoided or neutralized, the Contractor must obtain the approval of the DOE Contracting Officer prior to entering into the subcontract.

I.95 DEAR 952.215-70 KEY PERSONNEL (DEC 2000)

- (a) The personnel listed below or elsewhere in this contract, Section J, Attachment G are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel, the Contractor must:
 - (1) Notify the Contracting Officer reasonably in advance;
 - (2) Submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract; and
 - (3) Obtain the Contracting Officer's written approval. Notwithstanding the foregoing, if the Contractor deems immediate removal or suspension of any member of its management team is necessary to fulfill its obligation to maintain satisfactory standards of employee competency, conduct, and integrity under the clause at 48 CFR 970.5203-3, Contractor's Organization, the Contractor may remove or suspend such person at once, although the Contractor must notify Contracting Officer prior to or concurrently with such action.
- (b) The list of personnel may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel.

I.106 DEAR 970.5204-3 ACCESS TO AND OWNERSHIP OF RECORDS (OCT 2014) (DEVIATION)

- (a) Government-owned records. Except as provided in paragraph (b) of this clause, all records acquired or generated by the Contractor in its performance of this contract, including records series described within the contract as Privacy Act systems of records shall be the property of the Government and shall be maintained in accordance with 36 Code of Federal Regulations (CFR), Chapter XII, -- Subchapter B, "Records Management." The contractor shall ensure records classified as

Privacy Act system of records are maintained in accordance with FAR 52.224-2 "Privacy Act."

- (b) Contractor-owned records. The following records are considered the property of the Contractor and are not within the scope of paragraph (a) of this clause.
- (1) Employment-related records (such as worker's compensation files; employee relations records, records on salary and employee benefits; drug testing records, labor negotiation records; records on ethics, employee concerns; records generated during the course of responding to allegations of research misconduct; records generated during other employee related investigations conducted under an expectation of confidentiality; employee assistance program records; and personnel and medical/health-related records and similar files), and non-employee patient medical/health-related records, except those records described by the contract as being operated and maintained by the Contractor in Privacy Act systems of records.
 - (2) Confidential contractor financial information, internal corporate governance records and correspondence between the Contractor and other segments of the Contractor located away from the DOE facility (i.e., the Contractor's corporate headquarters);
 - (3) Records relating to any procurement action by the Contractor, except for records that under 48 CFR 970.5232-3 are described as the property of the Government; and
 - (4) Legal records, including legal opinions, litigation files, and documents covered by the attorney-client and attorney work product privileges; and
 - (5) The following categories of records maintained pursuant to the technology transfer clause of this contract:
 - (i) Executed license agreements, including exhibits or appendices containing information on royalties, royalty rates, other financial information, or commercialization plans, and all related documents, notes and correspondence.
 - (ii) The Contractor's protected Cooperative Research and Development Agreement (CRADA) information and appendices to a CRADA that contain licensing terms and conditions, or royalty or royalty rate information.
 - (iii) Patent, copyright, mask work, and trademark application files and related contractor invention disclosures, documents and correspondence, where the Contractor has elected rights or has

permission to assert rights and has not relinquished such rights or turned such rights over to the Government.

- (c) Contract completion or termination. Upon contract completion or termination, the Contractor shall ensure final disposition of all Government-owned records to a Federal Record Center, the National Archives and Records Administration, to a successor contractor, its designee, or other destinations, as directed by the Contracting Officer.
- (d) Inspection, copying, and audit of records. All records acquired or generated by the Contractor under this contract in the possession of the Contractor, including those described at paragraph (b) of this clause, shall be subject to inspection, copying, and audit by the Government or its designees at all reasonable times, and the Contractor shall afford the Government or its designees reasonable facilities for such inspection, copying, and audit; provided, however, that upon request by the Contracting Officer, the Contractor shall deliver such records to a location specified by the Contracting Officer for inspection, copying, and audit. The Government or its designees shall use such records in accordance with applicable federal laws (including the Privacy Act), as appropriate.
- (e) Applicability. This clause applies to all records created, received and maintained by the Contractor without regard to the date or origination of such records including all records acquired from a predecessor contractor.
- (f) Records maintenance and retention. Contractor shall create, maintain, safeguard, and disposition records in accordance with 36 Code of Federal Regulations (CFR), Chapter XII, -- Subchapter B, "Records Management" and the National Archives and Records Administration (NARA)-approved Records Disposition Schedules. Records retention standards are applicable for all classes of records, whether or not the records are owned by the Government or the Contractor. The Government may waive application of the NARA-approved Records Disposition Schedules, if, upon termination or completion of the contract, the Government exercises its right under paragraph (c) of this clause to obtain copies of records described in paragraph (b) and delivery of records in paragraph (a) of this clause.
- (g) Subcontracts.
 - (1) The Contractor shall include the requirements of this clause in all subcontracts that contain the *Radiation Protection and Nuclear Criticality* clause at 952.223-72, or whenever an on-site subcontract scope of work (i) could result in potential exposure to: A) radioactive materials; B) beryllium; or C) asbestos or (ii) involves a risk associated with chronic or acute exposure to toxic chemicals or substances or other hazardous materials that can cause adverse health impacts, in accordance with 10 CFR part 851. In determining its flow-down responsibilities, the Contractor shall include the requirements of this clause in all on-site subcontracts where the scope of work is performed in: (A)

Radiological Areas and/or Radioactive Materials Areas (as defined at 10 CFR 835.2); (B) areas where beryllium concentrations exceed or can reasonably be expected to exceed action levels specified in 10 CFR 850; (C) an Asbestos Regulated area (as defined at 29 CFR 1926.1101 or 29 CFR 1910.1001); or (D) a workplace where hazard prevention and abatement processes are implemented in compliance with 10 CFR 851.21 to specifically control potential exposure to toxic chemicals or substances or other hazardous materials that can cause long term health impacts.

- (2) The Contractor may elect to take on the obligations of the provisions of this clause in lieu of the subcontractor, and maintain records that would otherwise be maintained by the subcontractor.

I.109 DEAR 970.5215-1 TOTAL AVAILABLE FEE: BASE FEE AMOUNT AND PERFORMANCE FEE AMOUNT (DEC 2000), ALTERNATE II (DEC 2000), ALTERNATE IV (DEC 2000)

- (a) Total available fee. Total available fee, consisting of a base fee amount (which may be zero) and a performance fee amount (consisting of an incentive fee component for objective performance requirements, an award fee component for subjective performance requirements, or both) determined in accordance with the provisions of this clause, is available for payment in accordance with the clause of this contract entitled, "Payments and advances."
- (b) Fee Negotiations. Prior to the beginning of each fiscal year under this contract, or other appropriate period as mutually agreed upon and, if exceeding one year, approved by the Senior Procurement Executive, or designee, the Contracting Officer and Contractor shall enter into negotiation of the requirements for the year or appropriate period, including the evaluation areas and individual requirements subject to incentives, the total available fee, and the allocation of fee. The Contracting Officer shall modify this contract at the conclusion of each negotiation to reflect the negotiated requirements, evaluation areas and individual requirements subject to incentives, the total available fee, and the allocation of fee. In the event the parties fail to agree on the requirements, the evaluation areas and individual requirements subject to incentives, the total available fee, or the allocation of fee, a unilateral determination will be made by the Contracting Officer. The total available fee amount shall be allocated to a twelve month cycle composed of one or more evaluation periods, or such longer period as may be mutually agreed to between the parties and approved by the Senior Procurement Executive, or designee.
- (c) Determination of Total Available Fee Amount Earned.
 - (1) The Government shall, at the conclusion of each specified evaluation period, evaluate the Contractor's performance of all requirements, including performance based incentives completed during the period, and determine

the total available fee amount earned. At the Contracting Officer's discretion, evaluation of incentivized performance may occur at the scheduled completion of specific incentivized requirements.

- (2) The DOE Operations/Field Office Manager, or designee, will be the Deputy Assistant Secretary for Petroleum Reserves. The Contractor agrees that the determination as to the total available fee earned is a unilateral determination made by the DOE Operations/Field Office Manager, or designee.
 - (3) The evaluation of Contractor performance shall be in accordance with the Performance Evaluation and Measurement Plan(s) described in subparagraph (d) of this clause unless otherwise set forth in the contract. The Contractor shall be promptly advised in writing of the fee determination, and the basis of the fee determination. In the event that the Contractor's performance is considered to be less than the level of performance set forth in the Statement of Work, as amended to include the current Work Authorization Directive or similar document, for any contract requirement, it will be considered by the DOE Operations/Field Office Manager, or designee, who may at his/her discretion adjust the fee determination to reflect such performance. Any such adjustment shall be in accordance with the clause entitled, "Conditional Payment of Fee, Profit, and Other Incentives-Facility Management Contracts" if contained in the contract.
 - (4) Award fee not earned during the evaluation period shall not be allocated to future evaluation periods.
- (d) Performance Evaluation and Measurement Plan(s). To the extent not set forth elsewhere in the contract:
- (1) The Government shall establish a Performance Evaluation and Measurement Plan(s) upon which the determination of the total available fee amount earned shall be based. The Performance Evaluation and Measurement Plan(s) will address all of the requirements of contract performance specified in the contract directly or by reference. A copy of the Performance Evaluation and Measurement Plan(s) shall be provided to the Contractor-
 - (i) Prior to the start of an evaluation period if the requirements, evaluation areas, specific incentives, amount of fee, and allocation of fee to such evaluation areas and specific incentives have been mutually agreed to by the parties; or
 - (ii) Not later than thirty days prior to the scheduled start date of the evaluation period, if the requirements, evaluation areas, specific

incentives, amount of fee, and allocation of fee to such evaluation areas and specific incentives have been unilaterally established by the Contracting Officer.

- (2) The Performance Evaluation and Measurement Plan(s) will set forth the criteria upon which the Contractor will be evaluated relating to any technical, schedule, management, and/or cost objectives selected for evaluation. Such criteria should be objective, but may also include subjective criteria. The Plan(s) shall also set forth the method by which the total available fee amount will be allocated and the amount earned determined.
- (3) The Performance Evaluation and Measurement Plan(s) may, consistent with the contract statement of work, be revised during the period of performance. The Contracting Officer shall notify the contractor-
 - (i) Of such unilateral changes at least ninety calendar days prior to the end of the affected evaluation period and at least thirty calendar days prior to the effective date of the change;
 - (ii) Of such bilateral changes at least sixty calendar days prior to the end of the affected evaluation period; or
 - (iii) If such change, whether unilateral or bilateral, is urgent and high priority, at least thirty calendar days prior to the end of the evaluation period.
- (e) Schedule for total available fee amount earned determinations. The DOE Operations/Field Office Manager, or designee, shall issue the final total available fee amount earned determination in accordance with: the schedule set forth in the Performance Evaluation and Measurement Plan(s); or as otherwise set forth in this contract. However, a determination must be made within sixty calendar days after the receipt by the Contracting Officer of the Contractor's self-assessment, if one is required or permitted by paragraph (f) of this clause, or seventy calendar days after the end of the evaluation period, whichever is later, or a longer period if the Contractor and Contracting Officer agree. If the Contracting Officer evaluates the Contractor's performance of specific requirements on their completion, the payment of any earned fee amount must be made within seventy calendar days (or such other time period as mutually agreed to between the Contracting Officer and the Contractor) after such completion. If the determination is delayed beyond that date, the Contractor shall be entitled to interest on the determined total available fee amount earned at the rate established by the Secretary of the Treasury under section 12 of the Contract Disputes Act of 1978 (41 U.S.C. 611) that is in effect on the payment date. This rate is referred to as the "Renegotiation Board Interest Rate," and is published in the Federal Register semiannually on or about January 1 and July 1. The interest on any late total available fee amount earned determination

will accrue daily and be compounded in 30-day increments inclusive from the first day after the schedule determination date through the actual date the determination is issued. That is, interest accrued at the end of any 30-day period will be added to the determined amount of fee earned and be subject to interest if not paid in the succeeding 30-day period.

- (f) Contractor self-assessment. Following each evaluation period, the Contractor may submit a self-assessment, provided such assessment is submitted within five (5) work days after the end of the period. This self-assessment shall address both the strengths and weaknesses of the Contractor's performance during the evaluation period. Where deficiencies in performance are noted, the Contractor shall describe the actions planned or taken to correct such deficiencies and avoid their recurrence. The DOE Operations/Field Office Manager, or designee, will review the Contractor's self-assessment, if submitted, as part of its independent evaluation of the Contractor's management during the period. A self-assessment, in and of itself may not be the only basis for the award fee determination.

I.110 DEAR 970.5215-3 - CONDITIONAL PAYMENT OF FEE, PROFIT, AND OTHER INCENTIVES — FACILITY MANAGEMENT CONTRACTS (AUG 2009) ALTERNATE II (AUG 2009)

- (a) General.
 - (1) The payment of earned fee, fixed fee, profit, or share of cost savings under this contract is dependent upon –
 - (i) The Contractor's or Contractor employees' compliance with the terms and conditions of this contract relating to environment, safety and health (ES&H), which includes worker safety and health (WS&H), including performance under an approved Integrated Safety Management System (ISMS); and
 - (ii) The Contractor's or Contractor employees' compliance with the terms and conditions of this contract relating to the safeguarding of Restricted Data and other classified information.
 - (2) The ES&H performance requirements of this contract are set forth in its ES&H terms and conditions, including the DOE approved Contractor ISMS or similar document. Financial incentives for timely mission accomplishment or cost effectiveness shall never compromise or impede full and effective implementation of the ISMS and full ES&H compliance.
 - (3) The performance requirements of this contract relating to the safeguarding of Restricted Data and other classified information are set forth in the clauses of this contract entitled, "Security" and "Laws, Regulations, and DOE Directives," as well as in other terms and conditions.

- (4) If the Contractor does not meet the performance requirements of this contract relating to ES&H or to the safeguarding of Restricted Data and other classified information during any performance evaluation period established under the contract pursuant to the clause of this contract entitled, "Total Available Fee: Base Fee Amount and Performance Fee Amount," otherwise earned fee, fixed fee, profit or share of cost savings may be unilaterally reduced by the Contracting Officer.
- (b) Reduction Amount.
- (1) The amount of earned fee, fixed fee, profit, or share of cost savings that may be unilaterally reduced will be determined by the severity of the performance failure pursuant to the degrees specified in paragraphs (c) and (d) of this clause.
 - (2) If a reduction of earned fee, fixed fee, profit, or share of cost savings is warranted, unless mitigating factors apply, such reduction shall not be less than 26% nor greater than 100% of the amount of earned fee, fixed fee, profit, or the Contractor's share of cost savings for a first degree performance failure, not less than 11% nor greater than 25% for a second degree performance failure, and up to 10% for a third degree performance failure.
 - (3) In determining the amount of the reduction and the applicability of mitigating factors, the Contracting Officer must consider the Contractor's overall performance in meeting the ES&H or security requirements of the contract. Such consideration must include performance against any site specific performance criteria/requirements that provide additional definition, guidance for the amount of reduction, or guidance for the applicability of mitigating factors. In all cases, the Contracting Officer must consider mitigating factors that may warrant a reduction below the applicable range (see 48 CFR 970.1504-1-2). The mitigating factors include, but are not limited to, the following ((v), (vi), (vii) and (viii) apply to ES&H only).
 - (i) Degree of control the Contractor had over the event or incident.
 - (ii) Efforts the Contractor had made to anticipate and mitigate the possibility of the event in advance.
 - (iii) Contractor self-identification and response to the event to mitigate impacts and recurrence.
 - (iv) General status (trend and absolute performance) of: ES&H and compliance in related areas; or of safeguarding Restricted Data and other classified information and compliance in related areas.

- (v) Contractor demonstration to the Contracting Officer's satisfaction that the principles of industrial ES&H standards are routinely practiced (e.g., Voluntary Protection Program, ISO 14000).
 - (vi) Event caused by "Good Samaritan" act by the Contractor (e.g., offsite emergency response).
 - (vii) Contractor demonstration that a performance measurement system is routinely used to improve and maintain ES&H performance (including effective resource allocation) and to support DOE corporate decision-making (e.g., policy, ES&H programs).
 - (viii) Contractor demonstration that an Operating Experience and Feedback Program is functioning that demonstrably affects continuous improvement in ES&H by use of lessons-learned and best practices inter- and intra-DOE sites.
- (4)
- (i) The amount of fee, fixed fee, profit, or share of cost savings that is otherwise earned by a Contractor during an evaluation period may be reduced in accordance with this clause if it is determined that a performance failure warranting a reduction under this clause occurs within the evaluation period.
 - (ii) The amount of reduction under this clause, in combination with any reduction made under any other clause in the contract, shall not exceed the amount of fee, fixed fee, profit, or the Contractor's share of cost savings that is otherwise earned during the evaluation period.
 - (iii) For the purposes of this clause, earned fee, fixed fee, profit, or share of cost savings for the evaluation period shall mean the amount determined by the Contracting Officer or Fee Determination Official as otherwise payable based on the Contractor's performance during the evaluation period. Where the contract provides for financial incentives that extend beyond a single evaluation period, this amount shall also include: any provisional amounts determined otherwise payable in the evaluation period; and, if provisional payments are not provided for, the allocable amount of any incentive determined otherwise payable at the conclusion of a subsequent evaluation period. The allocable amount shall be the total amount of the earned incentive divided by the number of evaluation periods over which it was earned.
 - (iv) The Government will effect the reduction as soon as practicable after the end of the evaluation period in which the performance failure occurs. If the Government is not aware of the failure, it will effect

the reduction as soon as practical after becoming aware. For any portion of the reduction requiring an allocation the Government will effect the reduction at the end of the evaluation period in which it determines the total amount earned under the incentive. If at any time a reduction causes the sum of the payments the Contractor has received for fee, fixed fee, profit, or share of cost savings to exceed the sum of fee, fixed fee, profit, or share of cost savings the Contractor has earned (provisionally or otherwise), the Contractor shall immediately return the excess to the Government. (What the Contractor “has earned” reflects any reduction made under this or any other clause of the contract.)

- (v) At the end of the contract –
 - (A) The Government will pay the Contractor the amount by which the sum of fee, fixed fee, profit, or share of cost savings the Contractor has earned exceeds the sum of the payments the Contractor has received; or
 - (B) The Contractor shall return to the Government the amount by which the sum of the payments the Contractor has received exceeds the sum of fee, fixed fee, profit, or share of cost savings the Contractor has earned. (What the Contractor “has earned” reflects any reduction made under this or any other clause of the contract.)
- (c) Environment, Safety and Health (ES&H). Performance failures occur if the Contractor does not comply with the contract’s ES&H terms and conditions, including the DOE approved Contractor ISMS. The degrees of performance failure under which reductions of earned or fixed fee, profit, or share of cost savings will be determined are:
 - (1) First Degree: Performance failures that are most adverse to ES&H. Failure to develop and obtain required DOE approval of an ISMS is considered first degree. The Government will perform necessary review of the ISMS in a timely manner and will not unreasonably withhold approval of the Contractor’s ISMS. The following performance failures or performance failures of similar import will be considered first degree.
 - (i) Type A accident (defined in DOE Order 225.1A).
 - (ii) Two Second Degree performance failures during an evaluation period.
 - (2) Second Degree: Performance failures that are significantly adverse to ES&H. They include failures to comply with an approved ISMS that result

in an actual injury, exposure, or exceedence that occurred or nearly occurred but had minor practical long-term health consequences. They also include breakdowns of the Safety Management System. The following performance failures or performance failures of similar import will be considered second degree:

- (i) Type B accident (defined in DOE Order 225.1A).
- (ii) Non-compliance with an approved ISMS that results in a near miss of a Type A or B accident. A near miss is a situation in which an inappropriate action occurs, or a necessary action is omitted, but does not result in an adverse effect.
- (iii) Failure to mitigate or notify DOE of an imminent danger situation after discovery, where such notification is a requirement of the contract.

(3) Third Degree: Performance failures that reflect a lack of focus on improving ES&H. They include failures to comply with an approved ISMS that result in potential breakdown of the System. The following performance failures or performance failures of similar import will be considered third degree:

- (i) Failure to implement effective corrective actions to address deficiencies/non-compliances documented through: external (e.g., Federal) oversight and/or reported per DOE Order 231.1-2 requirements; or internal oversight of DOE Order 440.1A requirements.
- (ii) Multiple similar non-compliances identified by external (e.g., Federal) oversight that in aggregate indicate a significant programmatic breakdown.
- (iii) Non-compliances that either have, or may have, significant negative impacts to the worker, the public, or the environment or that indicate a significant programmatic breakdown.
- (iv) Failure to notify DOE upon discovery of events or conditions where notification is required by the terms and conditions of the contract.

(d) Safeguarding Restricted Data and Other Classified Information. Performance failures occur if the Contractor does not comply with the terms and conditions of this contract relating to the safeguarding of Restricted Data and other classified information. The degrees of performance failure under which reductions of fee, profit, or share of cost savings will be determined are as follows:

- (1) First Degree: Performance failures that have been determined, in accordance with applicable law, DOE regulation, or directive, to have resulted in, or that can reasonably be expected to result in, exceptionally grave damage to the national security. The following are examples of performance failures or performance failures of similar import that will be considered first degree:
 - (i) Non-compliance with applicable laws, regulations, and DOE directives actually resulting in, or creating a risk of, loss, compromise, or unauthorized disclosure of Top Secret Restricted Data or other information classified as Top Secret, any classification level of information in a Special Access Program (SAP), information identified as sensitive compartmented information (SCI), or high risk nuclear weapons-related data.
 - (ii) Contractor actions that result in a breakdown of the safeguards and security management system that can reasonably be expected to result in the loss, compromise, or unauthorized disclosure of Top Secret Restricted Data, or other information classified as Top Secret, any classification level of information in a SAP, information identified as SCI, or high risk nuclear weapons-related data.
 - (iii) Failure to promptly report the loss, compromise, or unauthorized disclosure of Top Secret Restricted Data, or other information classified as Top Secret, any classification level of information in a SAP, information identified as SCI, or high risk nuclear weapons-related data.
 - (iv) Failure to timely implement corrective actions stemming from the loss, compromise, or unauthorized disclosure of Top Secret Restricted Data or other information classified as Top Secret, any classification level of information in a SAP, information identified as SCI, or high risk nuclear weapons-related data.
- (2) Second Degree: Performance failures that have been determined, in accordance with applicable law, DOE regulation, or directive, to have actually resulted in, or that can reasonably be expected to result in, serious damage to the national security. The following are examples of performance failures or performance failures of similar import that will be considered second degree:
 - (i) Non-compliance with applicable laws, regulations, and DOE directives actually resulting in, or creating risk of, loss, compromise, or unauthorized disclosure of Secret Restricted Data or other information classified as Secret.

- (ii) Contractor actions that result in a breakdown of the safeguards and security management system that can reasonably be expected to result in the loss, compromise, or unauthorized disclosure of Secret Restricted Data, or other information classified as Secret.
 - (iii) Failure to promptly report the loss, compromise, or unauthorized disclosure of Restricted Data or other classified information regardless of classification (except for information covered by paragraph (d)(1)(iii) of this clause).
 - (iv) Failure to timely implement corrective actions stemming from the loss, compromise, or unauthorized disclosure of Secret Restricted Data or other classified information classified as Secret.
- (3) Third Degree: Performance failures that have been determined, in accordance with applicable law, regulation, or DOE directive, to have actually resulted in, or that can reasonably be expected to result in, undue risk to the common defense and security. In addition, this category includes performance failures that result from a lack of Contractor management and/or employee attention to the proper safeguarding of Restricted Data and other classified information. These performance failures may be indicators of future, more severe performance failures and/or conditions, and if identified and corrected early would prevent serious incidents. The following are examples of performance failures or performance failures of similar import that will be considered third degree:
- (i) Non-compliance with applicable laws, regulations, and DOE directives actually resulting in, or creating risk of, loss, compromise, or unauthorized disclosure of Restricted Data or other information classified as Confidential.
 - (ii) Failure to promptly report alleged or suspected violations of laws, regulations, or directives pertaining to the safeguarding of Restricted Data or other classified information.
 - (iii) Failure to identify or timely execute corrective actions to mitigate or eliminate identified vulnerabilities and reduce residual risk relating to the protection of Restricted Data or other classified information in accordance with the Contractor's Safeguards and Security Plan or other security plan, as applicable.
 - (iv) Contractor actions that result in performance failures which unto themselves pose minor risk, but when viewed in the aggregate indicate degradation in the integrity of the Contractor's safeguards and security management system relating to the protection of Restricted Data and other classified information.

- (e) Minimum requirements for specified level of performance.
 - (1) At a minimum the Contractor must perform the following:
 - (i) The requirements with specific incentives which do not require the achievement of cost efficiencies in order to be performed at the level of performance set forth in the Statement of Work, Work Authorization Directive, or similar document unless an otherwise minimum level of performance has been established in the specific incentive;
 - (ii) All of the performance requirements directly related to requirements specifically incentivized which do not require the achievement of cost efficiencies in order to be performed at a level of performance such that the overall performance of these related requirements is at an acceptable level; and
 - (iii) All other requirements at a level of performance such that the total performance of the contract is not jeopardized.
 - (2) The evaluation of the Contractor's achievement of the level of performance shall be unilaterally determined by the Government. To the extent that the Contractor fails to achieve the minimum performance levels specified in the Statement of Work, Work Authorization Directive, or similar document, during the performance evaluation period, the DOE Operations/Field Office Manager, or designee, may reduce any otherwise earned fee, fixed fee, profit, or shared net savings for the performance evaluation period. Such reduction shall not result in the total of earned fee, fixed fee, profit, or shared net savings being less than 25% of the total available fee amount. Such 25% shall include base fee, if any.
- (f) Minimum requirements for cost performance.
 - (1) Requirements incentivized by other than cost incentives must be performed within their specified cost constraint and must not adversely impact the costs of performing unrelated activities.
 - (2) The performance of requirements with a specific cost incentive must not adversely impact the costs of performing unrelated requirements.
 - (3) The Contractor's performance within the stipulated cost performance levels for the performance evaluation period shall be determined by the Government. To the extent the Contractor fails to achieve the stipulated cost performance levels, the DOE Operations/Field Office Manager, or designee, may reduce in whole or in part any otherwise earned fee, fixed

fee, profit, or shared net savings for the performance evaluation period. Such reduction shall not result in the total of earned fee, fixed fee, profit, or shared net savings being less than 25% of the total available fee amount. Such 25% shall include base fee, if any.

I.128 DEAR 970.5231-4 PREEXISTING CONDITIONS (DEC 2000) -- ALTERNATE II (DEC 2000)

- (a) The Department of Energy agrees to reimburse the Contractor, and the Contractor shall not be held responsible, for any liability (including without limitation, a claim involving strict or absolute liability and any civil fine or penalty), expense, or remediation cost, but limited to those of a civil nature, which may be incurred by, imposed on, or asserted against the Contractor arising out of any condition, act, or failure to act which occurred before the Contractor assumed responsibility on April 1, 2014. To the extent the acts or omissions of the Contractor cause or add to any liability, expense or remediation cost resulting from conditions in existence prior to April 1, 2014, the Contractor shall be responsible in accordance with the terms and conditions of this contract.
- (b) The obligations of the Department of Energy under this clause are subject to the availability of appropriated funds.
- (c) The Contractor has the duty to inspect the facilities and sites and timely identify to the Contracting Officer those conditions which it believes could give rise to a liability, obligation, loss, damage, penalty, fine, claim, action, suit, cost, expense, or disbursement or areas of actual or potential noncompliance with the terms and conditions of this contract or applicable law or regulation. The Contractor has the responsibility to take corrective action, as directed by the Contracting Officer and as required elsewhere in this contract.

I.130 DEAR 970.5232-2 PAYMENTS AND ADVANCES (DEC 2000) -- ALTERNATE II (DEC 2000), ALTERNATE III (DEC 2000)

- (a) Payment of Total Available fee: Base Fee and Performance Fee. The base fee amount, if any, is payable in equal monthly installments. Total available fee amount earned is payable following the Government's Determination of Total Available Fee Amount Earned in accordance with the clause of this contract entitled "Total Available Fee: Base Fee Amount and Performance Fee Amount." Base fee amount and total available fee amount earned payments shall be made by direct payment or withdrawn from funds advanced or available under this contract, as determined by the Contracting Officer. The Contracting Officer may offset against any such fee payment the amounts owed to the Government by the Contractor, including any amounts owed for disallowed costs under this contract. No base fee amount or total available fee amount earned payment may be withdrawn against the payments cleared financing arrangement without the prior written approval of the Contracting Officer.

- (b) **Payments on Account of Allowable Costs.** The Contracting Officer and the Contractor shall agree as to the extent to which payment for allowable costs or payments for other items specifically approved in writing by the Contracting Officer (for example, negotiated fixed amounts) shall be made from advances of Government funds. When pension contributions are paid by the Contractor to the retirement fund less frequently than quarterly, accrued costs therefore shall be excluded from costs for payment purposes until such costs are paid. If pension contributions are paid on a quarterly or more frequent basis, accrual therefore may be included in costs for payment purposes, provided that they are paid to the fund within 30 days after the close of the period covered. If payments are not made to the fund within such 30-day period, pension contribution costs shall be excluded from cost for payment purposes until payment has been made.
- (c) **Special financial institution account-use.** All advances of Government funds shall be withdrawn pursuant to a payments cleared financing arrangement prescribed by DOE in favor of the financial institution or, at the option of the Government, shall be made by direct payment or other payment mechanism to the Contractor, and shall be deposited only in the special financial institution account referred to in the Special Financial Institution Account Agreement, which is incorporated into this contract as Appendix-. No part of the funds in the special financial institution account shall be commingled with any funds of the Contractor or used for a purpose other than that of making payments for costs allowable and, if applicable, fees earned under this contract, negotiated fixed amounts, or payments for other items specifically approved in writing by the Contracting Officer. If the Contracting Officer determines that the balance of such special financial institution account exceeds the Contractor's current needs, the Contractor shall promptly make such disposition of the excess as the Contracting Officer may direct.
- (d) **Title to funds advanced.** Title to the unexpended balance of any funds advanced and of any special financial institution account established pursuant to this clause shall remain in the Government and be superior to any claim or lien of the financial institution of deposit or others. It is understood that an advance to the Contractor hereunder is not a loan to the Contractor, and will not require the payment of interest by the Contractor, and that the Contractor acquires no right, title or interest in or to such advance other than the right to make expenditures therefrom, as provided in this clause.
- (e) **Financial settlement.** The Government shall promptly pay to the Contractor the unpaid balance of allowable costs (or other items specifically approved in writing by the Contracting Officer) and fee upon termination of the work, expiration of the term of the contract, or completion of the work and its acceptance by the Government after-
 - (1) Compliance by the Contractor with DOE's patent clearance requirements;
and

- (2) The furnishing by the Contractor of-
- (i) An assignment of the Contractor's rights to any refunds, rebates, allowances, accounts receivable, collections accruing to the Contractor in connection with the work under this contract, or other credits applicable to allowable costs under the contract;
 - (ii) A closing financial statement;
 - (iii) The accounting for Government-owned property required by the clause entitled "Property"; and
 - (iv) A release discharging the Government, its officers, agents, and employees from all liabilities, obligations, and claims arising out of or under this contract subject only to the following exceptions-
 - (A) Specified claims in stated amounts or in estimated amounts where the amounts are not susceptible to exact statement by the Contractor;
 - (B) Claims, together with reasonable expenses incidental thereto, based upon liabilities of the Contractor to third parties arising out of the performance of this contract; provided that such claims are not known to the Contractor on the date of the execution of the release; and provided further that the Contractor gives notice of such claims in writing to the Contracting Officer promptly, but not more than one (1) year after the Contractor's right of action first accrues. In addition, the Contractor shall provide prompt notice to the Contracting Officer of all potential claims under this clause, whether in litigation or not (see also Contract Clause, 48 CFR 970.5228-1, "Insurance-Litigation and Claims");
 - (C) Claims for reimbursement of costs (other than expenses of the Contractor by reason of any indemnification of the Government against patent liability), including reasonable expenses incidental thereto, incurred by the Contractor under the provisions of this contract relating to patents; and
 - (D) Claims recognizable under the clause entitled, Nuclear Hazards Indemnity Agreement.
- (3) In arriving at the amount due the Contractor under this clause, there shall be deducted-

- (i) Any claim which the Government may have against the Contractor in connection with this contract; and
 - (ii) Deductions due under the terms of this contract and not otherwise recovered by or credited to the Government. The unliquidated balance of the special financial institution account may be applied to the amount due and any balance shall be returned to the Government forthwith.
- (f) Claims. Claims for credit against funds advanced for payment shall be accompanied by such supporting documents and justification as the Contracting Officer shall prescribe.
- (g) Discounts. The Contractor shall take and afford the Government the advantage of all known and available cash and trade discounts, rebates, allowances, credits, salvage, and commissions unless the Contracting Officer finds that action is not in the best interest of the Government.
- (h) Collections. All collections accruing to the Contractor in connection with the work under this contract, except for the Contractor's fee and royalties or other income accruing to the Contractor from technology transfer activities in accordance with this contract, shall be Government property and shall be processed and accounted for in accordance with applicable requirements imposed by the Contracting Officer pursuant to the Laws, regulations, and DOE directives clause of this contract and, to the extent consistent with those requirements, shall be deposited in the special financial institution account or otherwise made available for payment of allowable costs under this contract, unless otherwise directed by the Contracting Officer.
- (i) Direct payment of charges. The Government reserves the right, upon ten days written notice from the Contracting Officer to the Contractor, to pay directly to the persons concerned, all amounts due which otherwise would be allowable under this contract. Any payment so made shall discharge the Government of all liability to the Contractor therefore.
- (j) Determining allowable costs. The Contracting Officer shall determine allowable costs in accordance with the Federal Acquisition Regulation subpart 31.2 and the Department of Energy Acquisition Regulation subpart 48 CFR 970.31 in effect on the date of this contract and other provisions of this contract.
- (k) Review and approval of costs incurred. The Contractor shall prepare and submit annually as of September 30, a "Statement of Costs Incurred and Claimed" (Cost Statement) for the total of net expenditures accrued (i.e., net costs incurred) for the period covered by the Cost Statement. The Contractor shall certify the Cost Statement subject to the penalty provisions for unallowable costs as stated in sections 306(b) and (i) of the Federal Property and Administrative Services Act of 1949 (41 U.S.C. 256), as amended. DOE, after audit and appropriate adjustment,

will approve such Cost Statement. This approval by DOE will constitute an acknowledgment by DOE that the net costs incurred are allowable under the contract and that they have been recorded in the accounts maintained by the Contractor in accordance with DOE accounting policies, but will not relieve the Contractor of responsibility for DOE's assets in its care, for appropriate subsequent adjustments, or for errors later becoming known to DOE.

I.132 DEAR 970.5232-4 OBLIGATION OF FUNDS (DEC 2000)

- (a) Obligation of funds. The amount presently obligated by the Government with respect to this contract is dollars set forth in Section B. Such amount may be increased unilaterally by DOE by written notice to the Contractor and may be increased or decreased by written agreement of the parties (whether or not by formal modification of this contract). Estimated collections from others for work and services to be performed under this contract are not included in the amount presently obligated. Such collections, to the extent actually received by the Contractor, shall be processed and accounted for in accordance with applicable requirements imposed by the Contracting Officer pursuant to the Laws, regulations, and DOE directives clause of this contract. Nothing in this paragraph is to be construed as authorizing the Contractor to exceed limitations stated in financial plans established by DOE and furnished to the Contractor from time to time under this contract.
- (b) Limitation on payment by the Government. Except as otherwise provided in this contract and except for costs which may be incurred by the Contractor pursuant to the Termination clause of this contract or costs of claims allowable under the contract occurring after completion or termination and not released by the Contractor at the time of financial settlement of the contract in accordance with the clause entitled "Payments and Advances," payment by the Government under this contract on account of allowable costs shall not, in the aggregate, exceed the amount obligated with respect to this contract, less the Contractor's fee and any negotiated fixed amount. Unless expressly negated in this contract, payment on account of those costs excepted in the preceding sentence which are in excess of the amount obligated with respect to this contract shall be subject to the availability of:
 - (1) Collections accruing to the Contractor in connection with the work under this contract and processed and accounted for in accordance with applicable requirements imposed by the Contracting Officer pursuant to the Laws, regulations, and DOE directives clause of this contract; and
 - (2) Other funds which DOE may legally use for such purpose, provided DOE will use its best efforts to obtain the appropriation of funds for this purpose if not otherwise available.
- (c) Notices-Contractor excused from further performance. The Contractor shall notify DOE in writing whenever the unexpended balance of available funds (including

collections available under paragraph (a) of this clause), plus the Contractor's best estimate of collections to be received and available during the 90 day period hereinafter specified, is in the Contractor's best judgment sufficient to continue contract operations at the programmed rate for only 90 days and to cover the Contractor's unpaid fee and any negotiated fixed amounts, and outstanding encumbrances and liabilities on account of costs allowable under the contract at the end of such period. Whenever the unexpended balance of available funds (including collections available under paragraph (a) of this clause), less the amount of the Contractor's fee then earned but not paid and any negotiated fixed amounts, is in the Contractor's best judgment sufficient only to liquidate outstanding encumbrances and liabilities on account of costs allowable under this contract, the Contractor shall immediately notify DOE and shall make no further encumbrances or expenditures (except to liquidate existing encumbrances and liabilities), and, unless the parties otherwise agree, the Contractor shall be excused from further performance (except such performance as may become necessary in connection with termination by the Government) and the performance of all work hereunder will be deemed to have been terminated for the convenience of the Government in accordance with the provisions of the Termination clause of this contract.

- (d) Financial plans; cost and encumbrance limitations. In addition to the limitations provided for elsewhere in this contract, DOE may, through financial plans, such as Approved Funding Programs, or other directives issued to the Contractor, establish controls on the costs to be incurred and encumbrances to be made in the performance of the contract work. Such plans and directives may be amended or supplemented from time to time by DOE. The contractor agrees-
- (1) To comply with the specific limitations (ceilings) on costs and encumbrances set forth in such plans and directives;
 - (2) To comply with other requirements of such plans and directives; and
 - (3) To notify DOE promptly, in writing, whenever it has reason to believe that any limitation on costs and encumbrances will be exceeded or substantially underrun.
- (e) Government's right to terminate not affected. The giving of any notice under this clause shall not be construed to waive or impair any right of the Government to terminate the contract under the provisions of the Termination clause of this contract.

**I. 144 DEAR 970.5244-1 CONTRACTOR PURCHASING SYSTEM (AUG 2016)
DEVIATION (DOE POLICY FLASHES 2013-64 AND 2015-17)**

- (a) *General.* The Contractor shall develop, implement, and maintain formal policies, practices, and procedures to be used in the award of subcontracts consistent with this clause and 48 CFR subpart 970.44. The Contractor's purchasing system and methods shall be fully documented, consistently applied, and acceptable to the

Department of Energy (DOE) in accordance with 48 CFR 970.4401-1. The Contractor shall maintain file documentation which is appropriate to the value of the purchase and is adequate to establish the propriety of the transaction and the price paid. The Contractor's purchasing performance will be evaluated against such performance criteria and measures as may be set forth elsewhere in this contract. DOE reserves the right at any time to require that the Contractor submit for approval any or all purchases under this contract. The Contractor shall not purchase any item or service, the purchase of which is expressly prohibited by the written direction of DOE, and shall use such special and directed sources as may be expressly required by the DOE Contracting Officer. DOE will conduct periodic appraisals of the Contractor's management of all facets of the purchasing function, including the Contractor's compliance with its approved system and methods. Such appraisals will be performed through the conduct of Contractor Purchasing System Reviews in accordance with 48 CFR subpart 44.3, or, when approved by the Contracting Officer, through the Contractor's participation in the conduct of the Balanced Scorecard performance measurement and performance management system. The Contractor's approved purchasing system and methods shall include the requirements set forth in paragraphs (b) through (y) of this clause.

- (b) *Acquisition of utility services.* Utility services shall be acquired in accordance with the requirements of 48 CFR subpart 970.41.
- (c) *Acquisition of real property.* Real property shall be acquired in accordance with 48 CFR subpart 917.74.
- (d) *Advance notice of proposed subcontract awards.* Advance notice shall be provided in accordance with 48 CFR 970.4401-3.
- (e) *Audit of subcontractors.*
 - (1) The Contractor shall provide for-
 - (i) Periodic post-award audit of cost-reimbursement subcontractors at all tiers; and
 - (ii) Audits, where necessary, to provide a valid basis for pre-award or cost or price analysis.
 - (2) Responsibility for determining the costs allowable under each cost-reimbursement subcontract remains with the contractor or next higher-tier subcontractor. The Contractor shall provide, in appropriate cases, for the timely involvement of the Contractor and the DOE Contracting Officer in resolution of subcontract cost allowability.
 - (3) Where audits of subcontractors at any tier are required, arrangements may be made to have the cognizant Federal agency perform the audit of the subcontract. These arrangements shall be made administratively between DOE and the other agency involved and shall provide for the cognizant agency to audit in an appropriate manner in light of the magnitude and nature

of the subcontract. In no case, however, shall these arrangements preclude determination by the DOE Contracting Officer of the allowability or unallowability of subcontractor costs claimed for reimbursement by the Contractor.

- (4) Allowable costs for cost reimbursable subcontracts are to be determined in accordance with the cost principles of 48 CFR Part 31, appropriate for the type of organization to which the subcontract is to be awarded, as supplemented by 48 CFR part 931. Allowable costs in the purchase or transfer from contractor-affiliated sources shall be determined in accordance with 48 CFR 970.4402-3 and 48 CFR 31.205-26(e).
- (f) *Bonds and insurance.*
- (1) The Contractor shall require performance bonds in penal amounts as set forth in 48 CFR 28.102-2(a) for all fixed-priced and unit-priced construction subcontracts in excess of \$150,000. The Contractor shall consider the use of performance bonds in fixed-price non-construction subcontracts, where appropriate.
 - (2) For fixed-price, unit-priced and cost reimbursement construction subcontracts in excess of \$150,000, a payment bond shall be obtained on Standard Form 25A modified to name the Contractor as well as the United States of America as obligees. The penal amounts shall be determined in accordance with 48 CFR 28.102-2(b).
 - (3) For fixed-price, unit-priced and cost-reimbursement construction subcontracts greater than \$25,000, but not greater than \$100,000, the Contractor shall select two or more of the payment protections at 48 CFR 28.102-1(b), giving particular consideration to the inclusion of an irrevocable letter of credit as one of the selected alternatives.
 - (4) A subcontractor may have more than one acceptable surety in both construction and other subcontracts, provided that in no case will the liability of any one surety exceed the maximum penal sum for which it is qualified for any one obligation. For subcontracts other than construction, a co-surety (two or more sureties together) may reinsure amounts in excess of their individual capacity, with each surety having the required underwriting capacity that appears on the list of acceptable corporate sureties.
- (g) *Buy American.* The Contractor shall comply with the provisions of the Buy American Act as reflected in 48 CFR 52.225-1 and 48 CFR 52.225-9. The Contractor shall forward determinations of non-availability of individual items to the DOE Contracting Officer for approval. Items in excess of \$500,000 require the prior concurrence of the Head of Contracting Activity. If, however, the Contractor has an approved purchasing system, the Head of the Contracting Activity may authorize the Contractor to make determinations of non-availability for individual items valued at \$500,000 or less.

- (h) *Construction and architect-engineer subcontracts.*
- (1) *Independent Estimates.* A detailed, independent estimate of costs shall be prepared for all construction work to be subcontracted.
 - (2) *Specifications.* Specifications for construction shall be prepared in accordance with the DOE publication entitled "General Design Criteria Manual."
 - (3) *Prevention of conflict of interest.*
 - (i) The Contractor shall not award a subcontract for construction to the architect-engineer firm or an affiliate that prepared the design. This prohibition does not preclude the award of a "turnkey" subcontract so long as the subcontractor assumes all liability for defects in design and construction and consequential damages.
 - (ii) The Contractor shall not award both a cost-reimbursement subcontract and a fixed-price subcontract for construction or architect-engineer services or any combination thereof to the same firm where those subcontracts will be performed at the same site.
 - (iii) The Contractor shall not employ the construction subcontractor or an affiliate to inspect the firm's work. The contractor shall assure that the working relationships of the construction subcontractor and the subcontractor inspecting its work and the authority of the inspector are clearly defined.
- (i) *Contractor-affiliated sources.* Equipment, materials, supplies, or services from a contractor-affiliated source shall be purchased or transferred in accordance with 48 CFR 970.4402-3.
- (j) *Contractor-subcontractor relationship.* The obligations of the Contractor under paragraph (a) of this clause, including the development of the purchasing system and methods, and purchases made pursuant thereto, shall not relieve the Contractor of any obligation under this contract (including, among other things, the obligation to properly supervise, administer, and coordinate the work of subcontractors). Subcontracts shall be in the name of the Contractor, and shall not bind or purport to bind the Government.
- (k) *Government Property.* The Contractor shall establish and maintain a property management system that complies with criteria in 48 CFR 970.5245-1, Property, and 48 CFR 52.245-1, Government Property.
- (l) *Indemnification.* Except for Price-Anderson Nuclear Hazards Indemnity, no subcontractor may be indemnified except with the prior approval of the Senior Procurement Executive.
- (m) *Leasing of motor vehicles.* Contractors shall comply with 48 CFR subpart 8.11 and 48 CFR subpart 908.11.

- (n) (Reserved)
- (o) *Management, acquisition and use of information resources.* Requirements for automatic data processing resources and telecommunications facilities, services, and equipment, shall be reviewed and approved in accordance with applicable DOE Orders and regulations regarding information resources.
- (p) *Priorities, allocations and allotments.* Priorities, allocations and allotments shall be extended to appropriate subcontracts in accordance with the clause or clauses of this contract dealing with priorities and allocations.
- (q) *Purchase of special items.* Purchase of the following items shall be in accordance with the following provisions of 48 CFR subpart 8.5, 48 CFR subpart 908.71, Federal Management Regulation 41 CFR part 102, and the Federal Property Management Regulation 41 CFR chapter 101:
 - (1) Motor vehicles-48 CFR 908.7101
 - (2) Aircraft-48 CFR 908.7102
 - (3) Security Cabinets-48 CFR 908.7106
 - (4) Alcohol-48 CFR 908.7107
 - (5) Helium-48 CFR subpart 8.5
 - (6) Fuels and packaged petroleum products-48 CFR 908.7109
 - (7) Coal-48 CFR 908.7110
 - (8) Arms and Ammunition-48 CFR 908.7111
 - (9) Heavy Water-48 CFR 908.7121(a)
 - (10) Precious Metals-48 CFR 908.7121(b)
 - (11) Lithium-48 CFR 908.7121(c)
 - (12) Products and services of the blind and severely handicapped-41 CFR 101-26.701
 - (13) Products made in Federal penal and correctional institutions-41 CFR 101-26.702.
- (r) *Purchase versus lease determinations.* Contractors shall determine whether required equipment and property should be purchased or leased, and establish appropriate thresholds for application of lease versus purchase determinations. Such determinations shall be made-
 - (1) At time of original acquisition;
 - (2) When lease renewals are being considered; and
 - (3) At other times as circumstances warrant.

- (s) *Quality assurance.* Contractors shall provide no less protection for the Government in its subcontracts than is provided in the prime contract.
- (t) *Setoff of assigned subcontractor proceeds.* Where a subcontractor has been permitted to assign payments to a financial institution, the assignment shall treat any right of setoff in accordance with 48 CFR 932.803.
- (u) *Strategic and critical materials.* The Contractor may use strategic and critical materials in the National Defense Stockpile.
- (v) *Termination.* When subcontracts are terminated as a result of the termination of all or a portion of this contract, the Contractor shall settle with subcontractors in conformity with the policies and principles relating to settlement of prime contracts in 48 CFR subparts 49.1, 49.2 and 49.3. When subcontracts are terminated for reasons other than termination of this contract, the Contractor shall settle such subcontracts in general conformity with the policies and principles in 48 CFR subparts 49.1, 49.2, 49.3 and 49.4. Each such termination shall be documented and consistent with the terms of this contract. Terminations which require approval by the Government shall be supported by accounting data and other information as may be directed by the Contracting Officer.
- (w) *Unclassified controlled nuclear information.* Subcontracts involving unclassified uncontrolled nuclear information shall be treated in accordance with 10 CFR part 1017.
- (x) *Subcontract flowdown requirements.* In addition to terms and conditions that are included in the prime contract which direct application of such terms and conditions in appropriate subcontracts, the Contractor shall include the following clauses in subcontracts, as applicable:
 - (1) Davis-Bacon clauses prescribed in 48 CFR 22.407.
 - (2) Foreign Travel clause prescribed in 48 CFR 952.247-70.
 - (3) Counterintelligence clause prescribed in 48 CFR 970.0404-4(a).
 - (4) Service Contract Act clauses prescribed in 48 CFR 22.1006.
 - (5) State and local taxes clause prescribed in 48 CFR 970.2904-1.
 - (6) Cost or pricing data clauses prescribed in 48 CFR 970.1504-3-1(b).
 - (7) Nondisplacement of Qualified Workers clause prescribed in 48 CFR 22.1207.
 - (8) Service Contract Reporting clause prescribed in 48 CFR 4.1705.
 - (9) Minimum Wages Under Executive Order 13658 clause prescribed in 48 CFR 22.1906.
- (y) *Legal services.* Contractor purchases of litigation and other legal services are subject to the requirements in 10 CFR part 719 and the requirements of this clause.

SECTION J
ATTACHMENT D

SMALL BUSINESS SUBCONTRACTING PLAN

Contractor: Fluor Federal Petroleum Operations, LLC
Address: 850 S Clearview Pkwy, New Orleans LA 70123
Contract Number: DE-FE0011020
Item/Service: Management and Operation of the SPR and Associated Activities

Amount of Contract for Fiscal Year 2022: Estimated \$384,700,198

Period of Contract Performance: Fiscal year 2022

Type of Plan (Check One)

Individual Plan (All elements developed specifically for this Contract and applicable for the full term of this Contract.)

Master Plan (Goals developed for this Contract; all other elements standard; must be renewed every three years.) (See FAR 52.219-9(f)(1) -(3)).

Commercial Plan (Contractor sells large quantities of off-the-shelf commercial items to many Government agencies. Plans/goals are negotiated by a lead agency on a company-wide basis rather than for individual Contracts. Plan effective only during the year for which it is approved. The Contractor must provide a copy of the lead agency approval). (See FAR 19.704(d) and 52.219-9(g)).

I. Goals

This submittal shall include goals for Small Business concerns (SB), Veteran-owned SB concerns (VOSB), Service-disabled Veteran-owned SB concerns (SDVOSB), SBHone SB concerns (SBH), Small Disadvantaged Business concerns (SDB), and Women-owned SB concerns (WOSB), collectively referred to as SB concerns.

The proposed goals are based upon the estimated budget and commercial purchases, including those for Large Business concerns (LB), which will be derived from the current fiscal year budget and include mandated guidance from the Department of Energy (DOE). Goals may be changed within the first six months of each fiscal year by agreement between the Contracting Officer (CO) and the Contractor if there is a cancellation or an addition of program or project funding. Goals for the use of SB, VOSB, SDVOSB, SBH, SDB, and WOSB subcontractors shall be submitted as follows unless otherwise required by the CO.

The goals are expressed in both dollars and percentages for LB, SB, VOSB, SDVOSB, SBH, SDB, and WOSB. It is the intent of Fluor Federal Petroleum Operations (FFPO) to commit at least 50% (DOE mandated goal) of the subcontracted dollars to SBs and to meet, if not exceed, the DOE's annual subcontracting goals.

A. The following percentage goals (expressed in terms of a percentage of total planned subcontracting dollars) are applicable to the Contract Period Fiscal Year 2021.



1. The total estimated dollar value of all planned subcontracting (to all types of business concerns) under this Contract is \$362,180,996.00 (100%).
 - a. LB Concerns. Total estimated dollar value and percent of planned subcontracting with LBs (all business concerns classified as “other than small”) (% of 1. above): \$181,090,498.00 and 50%.
 - b. SB Concerns. Total estimated dollar value and percent of planned subcontracting with SBs (include SB, VOSB, SDVOSB, SBH, SDB, and WOSB concerns) (% of 1. above): \$181,090,498.00 and 50%.
 - c. VOSB Concerns. Total estimated dollar value and percent of planned subcontracting with VOSB (% of 1. above): \$10,865,429.88 and 3%. This amount is included in the amount shown under A.1.b, above, as a subset.
 - c. SDVOSB Concerns. Total estimated dollar value and percent of planned subcontracting with SDVOSBs (% of 1. above): \$10,865,429.88 and 3%. This amount is included in the amount shown under A.1.b, above, as a subset.

This amount is included in the amount shown under A.1.b, above, as a subset.
 - d. SBH Concerns. Total estimated dollar value and percent of planned subcontracting with SBHs (% of 1. above): \$10,865,429.88 and 3%. This amount is included in the amount shown under A.1.b, above, as a subset.
 - e. SDB Concerns. Total estimated dollar value and percent of planned subcontracting with SDBs (% of 1. above): \$18,109,049.80 and 5%. This amount is included in the amount shown under A.1.b, above, as a subset.
 - f. WOSB Concerns. Total estimated dollar value and percent of planned subcontracting with small women-owned businesses (% of 1. above): \$18,109,049.80 and 5%. This amount is included in the amount shown under A.1.b, above, as a subset.

B. A description of all the types of products and/or services that will be acquired under this Contract is necessary to determine how the subcontracted dollars are to be spent.

1. The following principal products and/or services will be subcontracted under this Contract, and the types of businesses supplying them are as follows.

Subcontracted Product/Service	Business Size (Other, SB), VOSB, SDVOSB, SDB, SBH, SDB, WOSB	Planned Subcontractor (If known)
C.2.1 OPERATIONS		
Equipment Rental	Other, SB, SDB	Multiple
Surveying	SB, SDB, VOSB, SDVOSB	John T. Jakubik & Assoc., C.H.Fenstermaker Group and others
Non-destructive Testing	Other, SB, WOSB, VOSB	Multiple
Downhole Tools/Fishing	Other, SB	Multiple
Fuel Oil	SB, SDB, WOSB, SBH, Other	Multiple
Aviation	Other, SB, VOSB	Multiple



Subcontracted Product/Service	Business Size (Other, SB), VOSB, SDVOSB, SDB, SBH, SDB, WOSB	Planned Subcontractor (if known)
CAVERN INTEGRITY AND WORKOVERS		
Cavern Integrity	Other, SB	Multiple
PETROLEUM ACQ & TRANSPORTATION		
Oil Sampling & Analysis	Other, SB, VOSB	Multiple
MAINTENANCE		
Inspection & Testing	Other, SB, WOSB, VOSB, SDVOSB	Multiple
Electrical Repairs	SB, VOSB	Multiple
Mechanical Repair	Other, SB, VOSB	Multiple
Welding	SB, SDB, WOSB, SBH, VOSB, SDVOSB	Multiple
Gas Services	SB, WOSB, VOSB	Multiple
Tank Cleaning	SB, SDB, WOSB	Multiple
Janitorial	SB, WOSB, SDB, VOSB, SD-VOSB	Multiple
MAJOR MAINTENANCE		
Light Construction	SB, SDB, WOSB, SBH, VOSB, SDVOSB	Multiple
ENVIRONMENTAL		
Environmental Inspections	SB, WOSB, SDB, SBH, VOSB, SDVOSB	Multiple
SECURITY		
Security Services & Support	Other, SB, SDB, WOSB	Multiple
ENGINEERING		
Material Consulting	SB, VOSB, SDB, WOSB, SBH, VOSB	Multiple
Engineering Services	SB, SDB, WOSB, SBH, VOSB	Multiple
PROCUREMENT/CONTRACTS		
Materials & Supplies	SB, SDB, WOSB, SBH, VOSB, SDVOSB	Multiple

2. Fluor Federal Petroleum Operations (FFPO) developed the proposed subcontracting goals for SB, SDB, WOSB, SBH, VOSB, and SDVOSB concerns through detailed planning and by including DOE small business subcontracting guidance.
3. Indirect costs have not been included in the dollar and percentage subcontracting goals stated above.
4. **Mentor-Protégé Program**

Mentoring is an important component of the Fluor Federal Petroleum Operations’ SB/SDB philosophy. Fluor’s history with Mentor Protégé agreements dates to 1994 when Fluor Fernald was the first DOE prime contractor to graduate three Protégés from the program.



Fluor Federal Petroleum Operations currently has a Mentor-Protégé agreement with DBD, Inc.

5. Set-Aside Programs

SB set-asides will be implemented in accordance with the terms and conditions of the prime contract dealing with the utilization of subcontractors for work that presents subcontracting opportunities. These set-asides will be considered when it is determined that such firms, consistent with efficient performance of the prime contract, have the capabilities and proven past performance to perform the work at fair and reasonable pricing. In particular, FFPO will utilize the following set-aside programs to facilitate attainment of the Diversity Subcontracting Goals and initiatives enumerated in this plan:

- A) Mandatory Small Purchase Set-Asides – When consistent with efficient contract execution, purchases made by FFPO of \$250,000 or less, and awarded through small purchase procedures, may be set-aside for SB’s, SDBs, WOSBs, SBH’s, or SDVOSB, and/or VOSBs where there is a reasonable expectation that bids, competitive as to fair market price, quality and delivery, will be obtained from two (2) or more responsible SDBs, WOSBs, SBH’s, or SDVOSB, and/or VOSBs concerns.
- B) Discretionary Set-Asides – Purchases made by FFPO at any dollar value may be set-aside for small business and all purchases up to \$250,000 may be awarded to small businesses on a sole source basis when the award can be made at fair market price.
- C) Class Set-Asides - Notwithstanding the above, once a determination is made by FFPO that a product or service has been acquired successfully on a set-aside basis, future requirements for that product or service may be acquired based on a repetitive “class set aside” when deemed consistent with efficient and cost-effective performance of the prime contract.
- D) 8(a) Program Set-Asides - An 8(a) Set-Aside Program will be implemented which affords FFPO the ability to process acquisitions on a non-competitive basis to selected SDB firms certified as active participants in the SBA's 8(a) Program provided that the total estimated value of the procurement action is less than \$7 million, (for acquisitions utilizing a manufacturing North American Industry Classification System (NAICS) code), or less than \$4 million, (for acquisitions falling within all other NAICS codes). In addition, FFPO may identify specific acquisitions above or below these thresholds exclusively for competition amongst 8(a) concerns. In all cases, the FFPO Small and Small Disadvantaged Business Utilization Administrator will be responsible for verifying that the proposed subcontractor(s) is certified as an active 8(a) in the NAICS code applicable to the acquisition. Additionally, all awards executed under this program will be bi-lateral subcontracts executed between FFPO and the 8(a) concern. FFPO will insure that

these acquisitions are at fair market prices and consistent with the efficient attainment of SPR mission requirements.

II. Program Administrator

The subcontracting plan is to be administered by FFPO to assure that the provisions of applicable law and the plan are implemented and performed. Any change in the name of the program administrator will be communicated without delay to the CO by letter and will not require an immediate Contract modification. Such change(s), if any, will be included in the next applicable supplemental agreement Contract modification. The name, title, position within the corporate structure, and duties and responsibilities of the employee who will administer the Contractor's subcontracting program are listed below.

Name: Debby K. Whitehead
Title: Diversity Subcontract Program Administrator
Address: 850 S. Clearview Parkway, New Orleans, LA 70123
Phone: 504.734.4613
E-fax: 504.818.5613
E-mail: Debby.Whitehead@spr.doe.gov

The Diversity Subcontract Program Administrator has general overall responsibility for the Contractor's subcontracting program, i.e., developing, preparing, and executing individual subcontracting plans and monitoring performance relative to the requirements of this particular plan.

These duties may include, but are not limited to, the following activities:

- Developing and maintaining bidders' lists of SB, VOSB, SDVOSB, SBH, SDB, and WOSB concerns from as many sources as possible
- Ensuring that procurement packages are structured to permit participation of SB, VOSB, SDVOSB, SBH, SDB, and WOSB concerns to the maximum extent possible
- Ensuring inclusion of SB, VOSB, SDVOSB, SBH, SDB, and WOSB concerns whose capabilities coincide with solicitations requiring their products or services
- Reviewing solicitations to identify and remove any statements, clauses, etc., which may restrict or prohibit participation of SB, SDVOSB, SBH, SDB, and WOSB concerns.
- Ensuring that proper documentation provided by procurement personnel if selection not made to SB, VOSB, SDVOSB, SBH, SDB, and WOSB concern that provided low bid
- Ensuring establishment and maintenance of records of solicitations and subcontract award activity
- Attending or arranging for attendance of company representatives/counselors at Business Opportunity Workshops, Minority Business Enterprise Seminars, Trade Fairs, etc.
- Monitoring achievement of proposed goals
- Preparing and submitting semi-annual and annual subcontract reports
- Coordinating contractor's activities prior to and during conduct of Federal agency compliance reviews.

- Other duties include:
 - Coordinating FFPO's activities during the conducting of SB compliance reviews
 - Coordinating the conduct of FFPO activities involving its small and SDB subcontracting program

Fluor Federal Petroleum Operations' Diversity Subcontract Program Administrator will routinely review progress toward subcontracting goals to ensure program effectiveness on this contract and will support procurement and contracts personnel during planning and through ongoing outreach activities.

III. Equitable Opportunities and Outreach Efforts

The FFPO Diversity Subcontracting Program Administrator will undertake efforts to ensure that SB, VOSB, SDVOSB, SBH, SDB, and WOSB concerns will have an equitable opportunity to compete for and secure subcontracts to the maximum practicable extent.

A. Outreach efforts to obtain sources:

1. Contacting minority and SB trade associations
2. Contacting business development organizations
3. Attending small and minority business procurement conferences and trade fairs
4. Requesting sources from the System for Award Management (SAM)
5. Other participation in efforts or activities to expand the socioeconomic database for this Contract
6. Utilizing book references, catalogs, source lists, or other reference material to identify SB, VOSB, SDVOSB, SBH, SDB, and WOSB sources before the acquisitions are placed by the buying activities
 - Developing an annual list of outreach events (procurement conferences, trade fairs, etc.) in which to participate
 - Work with SBA Procurement Center Representative (SBA-PCR), Small Business Development Centers, and Minority Business Development Centers in the region
 - Develop, implement, and maintain an Internet based system that can be utilized by interested sources to register as FFPO prospective suppliers at the SPR.

B. Internal efforts to guide and encourage purchasing personnel:

1. Presenting workshops, seminars, and training programs on requirements of this plan
2. Establishing, maintaining, and using SB, SDVOSB, SBH, SDB, and WOSB source lists, guides, and other data for soliciting subcontracts
3. Monitoring activities to evaluate compliance with the subcontracting plan
4. Additional Efforts
 - Acquisition planning to include SB subcontracting opportunities
 - Maintaining summary reports and other documents on the outreach activity attended, including new sources.

Fluor Federal Petroleum Operations’ policy is to comply with all government regulations and public law, including those concerning SB, SDB, WOSB, SBHone, and SDVOSB concerns. It is an established FFPO policy that SB, SDB, WOSB, SBHone, and SDVOSB concerns will have an equitable opportunity to compete for FFPO purchases.

IV. Subcontracting Plan Flowdown

The Contractor agrees to include the Contract’s Section I Clause entitled FAR 52.219-8, Utilization of Small Business Concerns in all subcontracts that offer further subcontracting opportunities. All subcontractors, except SB concerns, which receive subcontracts in excess of \$750,000.00 (\$1,500,000 for construction) must adopt and comply with a plan similar to the plan required by FAR 52.219-9, Small Business Subcontracting Plan.

V. Reports and Surveys

Fluor Federal Petroleum Operations gives assurance of:

- A. Cooperation in any studies or surveys that may be required by the Contracting agency, or the U.S. Small Business Administration (SBA).
- B. Submission of periodic reports, which show compliance with the subcontracting plan.
- C. The Contractor shall submit the Individual Subcontract Report (ISR) and Summary Subcontract Report (SSR), using the Government’s Electronic Subcontract Reporting Systems (eSRS). The Contractor shall submit the ISR and SSR reports electronically to a single, Government-wide system, which can be accessed at the following website: www.esrs.gov. The eSRS is a single reporting tool for all subcontracting plan accomplishments and provide the Government with immediate access to the Contractor’s subcontracting data. The Contractor shall be responsible for inputting accurate and complete reports into the eSRS. Contractor reporting of ISR and SSR accomplishments using the eSRS will commence upon contract award.
- D. Ensuring that LB subcontractors with subcontracting plans agree to submit the ISR and SSR using eSRS.

Reporting Period	Report Due	Due Date
Oct 1 – Mar 31	ISR	April 30th
Apr 1 – Sep 30	ISR	Oct 30th
Oct 1 – Sep 30	SSR	Oct 30th

Submission of ISRs and SSR: The reports shall be submitted via the eSRS. The Contractor is required to register in the system. Contractor shall notify the CO and Contract Specialist via email upon completion/submission of the reports. The CO is responsible for reviewing/accepting all ISRs. The Small Business Program Manager (SBPM) is responsible for reviewing/accepting all SSRs. Email addresses of the CO and the SBA-PCR must be

included on all ISRs and the email addresses of the SBPM and the SBA-PCR must be included on all SSRs.

VI. Records and Procedures

The following is a recitation of the types of records and procedures the Contractor will maintain to demonstrate compliance with the requirements and goals in the subcontracting plan. These records will include, but are not limited to the following:

- A. System for Award Management (SAM) is an integral part of our sourcing methodology. Additionally, FFPO employs various methods for identifying potential SB offerors, such as company source lists (Fluor corporate supplier and contractor registry and internal SB Program reference database); attendance at various trade shows, conventions, workshops, and conferences; participation in SB recruitment conferences and networking events; working with local SBA and PTAC offices; SBA Dynamic Small Business Search; and accessing various external sites. This ensures a maximum number of SB, SDB, WOSB, SBHone, VOSB, and SDVOSB firms capable of providing the required supplies/services are considered.
- B. On a Contract-by-Contract basis, records on each subcontract solicitation resulting in an award of more than \$250,000 will indicate whether SB, VSOB, SDVOSB, SBH, SDB, and WOSB concerns were solicited, and if not, why not; and if applicable, the reason that the award was not made to a SB concern
- C. Records to support other outreach efforts, e.g., contacts with minority and SB trade associations, attendance at small and minority business procurement conferences and trade fairs.
- D. Records to support internal guidance and encouragement provided to procurement personnel, on the utilization of SB, VOSB, SDVOSB, SBH, SDB, and WOSB, thru workshops, seminars, training programs, and incentive awards.
- E. On a Contract-by-Contract basis, records to support subcontract award data including the name, address, and the business size of each subcontractor.
- F. We make every effort consistent with efficient contract execution to acquire goods and services from those SBs used in the preparation of our proposal in the same or greater scope, amount, and quality used in preparing the proposal. This includes SBs listed in the proposal and/or subcontracting plan, and when the SB's pricing, cost information or technical expertise was used in preparation of the proposal.
- G. We provide assurance that a written explanation will be submitted to the Contracting Officer if we are unable to fulfill the requirements of (12) above. The explanation, if required, will be submitted within 30 days of contract completion.
- H. Fluor does not prohibit or encourage subcontractors from discussing with the Contracting Officer any material matter pertaining to payment to or utilization of a subcontractor.
- I. It is Fluor policy to pay our SB subcontractors on time and in accordance with the terms and conditions of the underlying subcontract. The Contracting Officer will be notified if we make either a reduced or an untimely payment to a SB subcontractor.



VII. Strategy for Small Business Involvement

Fluor Federal Petroleum Operations will maximize opportunities for qualified SBs to compete for materials and services required for the execution of this project. We have an established sourcing methodology that gives priority to SB and incorporates a significant share of meaningful, varied, and complex work for SBs. A key element of FFPO's SB strategy is involvement of the project management team. This is accomplished by integrating SB goals and targets into project planning as well as execution.

Additionally, our SB subcontracting approach is focused on the use of local and regionally based SBs. This helps strengthen the local economy, and creates new business opportunities, immediately and in the longer term.

This subcontracting plan was submitted by:

Signed: Debby Whitehead

Typed Name: Debby K. Whitehead

Title: Diversity Subcontract Program Administrator

Date: 9/14/2022

Phone No.: 504.734.4613

PLAN CONCURRED BY:

Leslie Bourgeois
Small Business Program Manager

Date

PLAN ACCEPTED BY:

Justin Dudenhefer
Contracting Officer

Date