169	AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES	
169	ENT/MODIFICATION NO.	3. EFFECTIVE DATE	14.00	COURCE ON THE PROPERTY OF THE	1	9	
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6. ISSUED BY	Y CODE	See Block 16C		DMINISTERED BY (If other than Item 6)	CODE DOG		
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WASHINGT Attn: KA C/O URS PO BOX 7	TON RIVER PROTECTION : AREN VACCA ENERGY & CONSTRUCTION 73 / 720 PARK BLVD D 837290073	SOLUTIONS LLC	x 1	IA. AMENDMENT OF SOLICITATION NO.  IB. DATED (SEE ITEM 11)  OA. MODIFICATION OF CONTRACT/ORDER NO.EAC27-08RV14800	0.		
CODE 00	2660261	FACILITY CODE	-1 1	OB. DATED (SEE ITEM 13)			
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	numbered solicitation is amended as set for	11. THIS ITEM ONLY APPLIES TO			nded. is not		
CHECK ONE	A. THIS ITEM ONLY APPLIES TO M  A. THIS CHANGE ORDER IS ISSUED PORDER NO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRAC appropriation data, etc.) SET FORTH  C. THIS SUPPLEMENTAL AGREEMEN	PURSUANT TO: (Specify authority) THE ST/ORDER IS MODIFIED TO REFLEC IN ITEM 14, PURSUANT TO THE AU TIS ENTERED INTO PURSUANT TO	T THE A	MODIFIES THE CONTRACT/ORDER NO. AS DE NGES SET FORTH IN ITEM 14 ARE MADE IN TO DESCRIPTION OF FAR 43.103(b).  RITY OF:  dditional authorities listed in the second of the	HE CONTRACT		
Х	D. OTHER (Specify type of modification		, <b>e</b> a	additional additionation in the district of th	n continua	tion pages	
	IT: Contractor ☐ is not,			. 9			
E. IMPORTAN		is required to sign this document a					
14 DESCRIPTION OF THE PURPOSE	TION OF AMENDMENT/MODIFICATION (	Organized by UCF section headings, tion is to revise Co	ncluding	solicitation/contract subject matter where feasibact Sections C, H and J.			

NSN 7540-01-152-8070 Previous edition unusable ## 20/20/2

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

#### **Purpose of Modification:**

The following changes are hereby incorporated into the contract:

1. The following change is being made in accordance with FAR 52.243-2, Changes-Cost Reimbursement:

Update Section C, Statement of Work, to update the deliverable due date for contract deliverable C.2.3.2-1, WTP Operational Readiness Support Plan. The change is as follows:

#### FROM:

C.2.3.2-1	WTP Operational Readiness	Approve	30 days	180 days after sub-
	Support Plan (Jointly submitted			CLIN Notice to
	with the WTP Contractor as			Proceed with
	WTP deliverable 5.22)			updates as
	,			required

#### TO:

C.2.3.2-1	WTP Operational Readiness	Approve	30 days	9/30/12 with
	Support Plan (Jointly submitted			updates as
	with the WTP Contractor as			required
	WTP deliverable 5.22)			

2. The following change is being made in accordance with FAR 52.243-2, Changes-Cost Reimbursement:

Update Section C, Statement of Work, to remove Contract Deliverable C.3.1.1-1, Project Execution Plan. The change is as follows:

#### FROM:

C.2.5.4-1	WTP LAW Facility Operating and Product Specifications	Approve	30 days	Upon completion of certification of WTP LBL Cold Commissioning
C.3.1.1-1	Project Execution Plan	Approve	45 days	90 days after contract Notice to Proceed with updates as required
C.3.1.2.2-1	TOC Project Performance Measurement Baseline	Approve	45 days	June 30, 2009 with updates as required

#### TO:

C.2.5.4-1	WTP LAW Facility Operating and Product Specifications	Approve	30 days	Upon completion of certification of WTP LBL Cold Commissioning
C.3.1.2.2-1	TOC Project Performance Measurement Baseline	Approve	45 days	June 30, 2009 with updates as required

3. The following change is being made in accordance with Clause H.10, Implementation of the Hanford Site Stabilization Agreement:

Update Section H, Special Contract Requirements, Clause H.10, Implementation of the Hanford Site Stabilization Agreement, to update the location of the Davis-Bacon Act and Service Contract Act. The change is as follows:

#### FROM:

The U.S. Department of Labor wage determinations for the *Davis-Bacon Act* and *Service Contract Act* are located at:

http://www.wdol.gov

#### TO:

The U.S. Department of Labor wage determinations for the *Davis-Bacon Act* and *Service Contract Act* are in Section J, Attachment J.10.

4. The following change is being made in accordance with Clause H.15, Key Personnel:

Update Section H, Special Contract Requirements, Clause H.15, Key Personnel, to update the Key Personnel to add Mr. Michael D. Johnson as the Project Manager. The change is as follows:

#### FROM:

Name Charles G. Spencer Position TOC Project Manager

TO:

Name Mr. Michael D. Johnson Position TOC Project Manager

5. The following change is being made in accordance with DEAR 970.5204-2, Laws, Regulations and DOE Directives:

Update Section J, Attachment J.2, Requirements Sources and Implementing Documents, to update Department of Energy (DOE) Order (O) 226.1 A, Implementation of DOE Oversight Policy, to add revision B with no cost impact to the contract. The change is as follows:

#### FROM:

DOE O 226.1A	Implementation of Do	OE Oversight Policy	

#### TO:

DOE O MAC 1D	T 1 CDOEO : 1 D 1:	
DOE O 226.1B	Implementation of DOE Oversight Policy	
2 0 2 0 22 0.1 D	implementation of Bob oversight I oney	

6. The following change is being made in accordance with DEAR 970.5204-2, Laws, Regulations and DOE Directives:

Update Section J, Attachment J.2, Requirements Sources and Implementing Documents, to add DOE O 232.2, Occurrence Reporting and Processing of Operations Information with no cost impact to the contract. The change is as follows:

#### FROM:

DOE O 231.1A Chg 1	Environment, Safety and Health Reporting
DOE N 234.1	Reporting of Radioactive Sealed Sources

#### TO:

DOE O 231.1A Chg 1	Environment, Safety and Health Reporting
DOE O 232.2	Occurrence Reporting and Processing of Operations Information
DOE N 234.1	Reporting of Radioactive Sealed Sources

7. The following change is being made in accordance with DEAR 970.5204-2, Laws, Regulations and DOE Directives:

Update Section J, Attachment J.2, Requirements Sources and Implementing Documents, to replace DOE Manual (M) 442.1-1, Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety, and Health with DOE O 442.2, Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety, and Health with no cost impact to the contract. The change is as follows:

#### FROM:

11 M JF N/I 44 / I = I	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety, and Health

#### TO:

DOE O 442.2	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety, and Health
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8. The following change is being made in accordance with DEAR 970.5204-2, Laws, Regulations and DOE Directives:

Update Section J, Attachment J.2, Requirements Sources and Implementing Documents, to update DOE O 460.1 B, Packaging and Transportation Safety, to add revision C with no cost impact. The change is as follows:

#### FROM:

DOE O 460.1B	O 460.1B Packaging and Transportation Safety		
TO:			
DOE O 460.1C	Packaging and Transportation Safety		

# Continuation Page to SF30 Block 14, Modification 169 The following change is being made in accordance with Clause H.42, Hanford Site Services and Interface Requirements

Matrix:

6

Radiological Site Services to separate the activity into two activities and update the description of both activities with no cost Update Section J, Attachment J.3, Hanford Site Services and Interface Requirements Matrix, to update Interface Number 32, impact. The change is as follows:

### FROM:

	ŀ	Activity	PNNL						Other		
Interface	l ype of Interface	~ Z	(Service Provider)	MSC	PRC	T0C	WTP	RCCC	Site Users	Requirements	Cost Allocations
32	SI	Radiological Site Services (RSS)	Provide service to site contractor s S Radiologica provide the radiological and safety ( Program, the Hanford Ra	Receive service from PNNL al Site Service al Site Service al Control son technical son workers, he Hanford adiological F	Receive Receive Receive servic from From From From PNNL PNNL PNNL ASITE Services (RSS) is a full technical support, dosimetry I monitoring and to verify the of workers, the public, and the Hanford Internal Dosimetry idiological Records Program.	Receive Rece service servic from PNNL from PNNL is a fully-integrate simetry, data, and rify the adequacy o and the environm osimetry Program,	Receive service from PNNL grated and and record and years of Site ironment. Igram, the H	Receive Receive service from from FNNL PNNL Adocumented set of a necessary to de radiological contruthe RSS includes flanford Radiologica	Receive service from PNNL hted set of sary to den cal control includes the adiological	Receive Receive Receive Receive Receive Receive BoE and Usage-based service services (RSS) is a fully-integrated and documented set of radiological support programs technical support, dosimetry, data, and records necessary to demonstrate compliance with requirements of workers, the public, and the environment. The RSS includes the Hanford External Dosimetry adiological Records Program, the Hanford Radiological Instrumentation Program, and	Provide Receive Receiv
			PNNL shall	I provide:							
			Accredion the toon the tool the type     Calibratin instrum portable required     Manage agencie past Ha	Accredited external dosimetry on the types and quantities of Accredited internal dosimetry is the types and quantities of internation, maintenance, and instrumentation, including tech portable and semi-portable racrequired by all key customers, Management and preservation agencies) employees, Hanford past Hanford Site radiation dos	al dosimetry luantities of I dosimetry ntities of int enance, and cluding tec portable ra customers preservatio ses, Hanfor radiation do	Accredited external dosimetry services, including technical support, documentation the types and quantities of external dosimetry required by all key customers. Accredited internal dosimetry services, including technical support, documentation types and quantities of internal dosimetry required by all key customers. Calibration, maintenance, and repair services for a broad range of portable and instrumentation, including technical support and documentation, based on the typortable and semi-portable radiological instrumentation calibration, maintenance required by all key customers.  Management and preservation of current and former radiation monitoring record agencies) employees, Hanford contractors, sub-contractors, and visitors, includ past Hanford Site radiation dosimetry policies and practices.	cluding tec simetry require stry require ces for a bird and docustrumentation strumentation and former s, sub-contractions and presents	hnical sup uired by al nnical supt d by all ke road range imentation on calibrat radiation r ractors, an actices.	port, docull key cust docul docul docul docul y customes of portable, be of portable, be a maint maint monitoring and visitors,	Accredited external dosimetry services, including technical support, documentation, and dosimeters, on the types and quantities of external dosimetry required by all key customers.  Accredited internal dosimetry services, including technical support, documentation, and analyses, bas the types and quantities of internal dosimetry required by all key customers.  Calibration, maintenance, and repair services for a broad range of portable and semi-portable radiological support and documentation, based on the types and quantities of portable and semi-portable radiological instrumentation calibration, maintenance, and repair services required by all key customers.  Management and preservation of current and former radiation monitoring records for DOE (and prede agencies) employees, Hanford contractors, sub-contractors, and visitors, including records of existing past Hanford Site radiation dosimetry policies and practices.	Accredited external dosimetry services, including technical support, documentation, and dosimeters, based on the types and quantities of external dosimetry required by all key customers.  Accredited internal dosimetry services, including technical support, documentation, and analyses, based on the types and quantities of internal dosimetry required by all key customers.  Calibration, maintenance, and repair services for a broad range of portable and semi-portable radiological instrumentation, based on the types and quantities of portable and semi-portable radiological instrumentation calibration, maintenance, and repair services required by all key customers.  Management and preservation of current and former radiation monitoring records for DOE (and predecessor agencies) employees, Hanford contractors, sub-contractors, and visitors, including records of existing and past Hanford Site radiation dosimetry policies and practices.
			Hanford Sit	te contracto	irs shall req	Hanford Site contractors shall request, and provide requirements for, service.	ovide requi	rements for	or, service		

Interface	Type of Interface	Activity (Service - Mandatory)	PNNL (Service	MSC	PRC	T0C	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
32(a)	<u>S/I</u>	Hanford External Dosimetry Program (HEDP), Hanford Internal Dosimetry Program (HIDP), and Hanford Radiological Records Program (HRRP)	Provide service to site contractors. The Hanford Records Producing the adenvironment and the Hanford State of Manage employer adiation.	Provide Receive Receive Receive Service for service to from PNNL from PNNL PNNL Contractors  The Hanford External Dosimetry Program (HED) Records Program (HRRP) are a documented se dosimetry services, data, and records necessary verify the adequacy of Site radiological control penvironment. This includes the scope of the Han and the Hanford Radiological Records Program.  • DOELAP accredited external dosimetry servity sand quantities of external dosimetry servity and quantities of internal dosimetry servity and dosimetry and dosimetry and dosimetry and dos	Receive service from PNNL simetry Programetry Program and records and records and records se the scope gical Records ies of external dosi of internal dosi of internal dosi of internal dosi seervation of Site contract olicies and pshall request	Provide Service to Service Service from Service Service to Service to Service Service from Service Service Service From PNNL From PNNL From PNNL From PNNL From PNNL Service S	Receive Rece service from PNNL from PNNL From PNNL PNNL From PNNL Fradiological supp demonstrate contrams in protecting and External Dosim red by all key cus ormer radiation mactors, and visito requirements for service services.	Receive service from PNNL support p e complian ecting the Dosimetry I likey cust echnical s y custome ion monitor visitors, in s for services	Receive service from PNNL metry Programs the rograms the rograms the rogram the rogram, the support, documers. In the records cluding records cluding records ce.	Provide Receive Receive Receive Receive Receive Receive Receive Receive Bornical Grand Service	Provide Receive Service Servic

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Cost Allocations	Usage-based service reimbursed by the user.	The Hanford Radiological Instrumentation Program (HRIP) is a radiological support program that provides the technical support and documentation for the calibration, maintenance, and repair services for a broad range of portable and semiportable radiological instrumentation.		Calibration, maintenance, and repair services for a broad range of portable and semi-portable radiological instrumentation, including technical support and documentation, based on the types and quantities of portable and semi-portable radiological instrumentation calibration, maintenance, and repair services required by all key customers. Services to maintain, manage, and procure parts or replacements for the existing Hanford Site pool of radiological instruments, including developing processes for necessary replacement, as required by all key customers. Performance testing as defined in ANSI N323-1997 to verify instruments continue to meet operational requirements. ford Site Contractors shall request and provide requirements for service.
Requirements	DOE and national quality control requirements	The Hanford Radiological Instrumentation Program (HRIP) is a radiological support program that provides the technical support and documentation for the calibration, maintenance, and repair services for a broad range of portable and semi sortable radiological instrumentation.		ation, maintenance, and repair services for a broad range of portable and semi-portable radiological instrumentation including technical support and documentation, based on the types and quantities of portable and semi-portable radiological instrumentation calibration, maintenance, and repair services required by all key customers. Services to maintain, manage, and procure parts or replacements for the existing Hanford Site pool of radiological instruments, including developing processes for necessary replacement, as required by all key customers. Performance testing as defined in ANSI N323-1997 to verify instruments continue to meet operational requirement for Site Contractors shall request and provide requirements for service.
Other Site Users	Receive DOE a service nations from MSC control require	al support pervices for a		and semi-r nd quantitie ices require the existing ent, as requents continu
RCCC	Receive Receive service service from MSC	radiologic nd repair se		of portable the types a repair serv ements for replacem ify instrume its for servi
WTP	Receive service from MSC	(HRIP) is a Itenance, ar		oad range based on t nance, and ts or replac r necessary 1997 to veri requiremen
T0C	Receive Receive service from MSC from MS	ation Program		ation, maintenance, and repair services for a broad range of portable and including technical support and documentation, based on the types and or radiological instrumentation calibration, maintenance, and repair services. Services to maintain, manage, and procure parts or replacements for the instruments, including developing processes for necessary replacement, Performance testing as defined in ANSI N323-1997 to verify instruments. Hanford Site Contractors shall request and provide requirements for service.
PRC	Receive service from MSC	I Instrument on for the ca umentation.		and repair so upport and contration calib manage, an g developing as defined i
MSC	Provide service to site contractors	The Hanford Radiological Instruments support and documentation for the caportable radiological instrumentation.	Il provide:	naintenance, g technical s jical instrume s to maintain ents, includin nance testing
PNNL (Service Provider)	Receive service from MSC	The Hanford support and portable rad	MSC shall	ation, m includin radiolog Service instrum Perforn Hanford Site
Activity (Service - Mandatory)	Hanford Radiological Instrumentation Program (HRIP)			
Type of Interface	S/I			
Interface	32(b)			

10. Update Section J, Table of Contents to reflect the revisions to Attachments J.2 and J.3 as a result of this modification. The change is as follows:

#### FROM:

Attachment Number	Title of Attachment	Revision Number	Number of Pages
J.2	REQUIREMENTS SOURCES AND IMPLEMENTING DOCUMENTS	13	8
J.3	HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX	3	68

#### TO:

Attachment Number	Title of Attachment	Revision Number	Number of Pages
J.2	REQUIREMENTS SOURCES AND IMPLEMENTING DOCUMENTS	14	8
J.3	HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX	4	68

#### 11. Attached to this modification are replacement pages for the following sections:

- Section C, Page C-67
- Section H, Pages H-19 and H-25
- Section J, Table of Contents, Page J-1
- Section J, Attachment J.2, Pages J.2-6 and J.2-7
- Section J, Attachment J.3, Pages J.3-26 and J.3-27

#### 12. All other Terms and Conditions remain unchanged.