

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
			1 9
2. AMENDMENT/MODIFICATION NO. 169	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 12EM002063	5. PROJECT NO. (if applicable)
6. ISSUED BY Office of River Protection U.S. Department of Energy Office of River Protection P.O. Box 450 Richland WA 99352	CODE 00603	7. ADMINISTERED BY (if other than Item 6) Office of River Protection U.S. Department of Energy Office of River Protection P.O. Box 450 MS: H6-60 Richland WA 99352	CODE 00603
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) WASHINGTON RIVER PROTECTION SOLUTIONS LLC Attn: KAREN VACCA C/O URS ENERGY & CONSTRUCTION, INC. PO BOX 73 / 720 PARK BLVD BOISE ID 837290073		(x) 9A. AMENDMENT OF SOLICITATION NO.	
		9B. DATED (SEE ITEM 11)	
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC27-08RV14800	
		10B. DATED (SEE ITEM 13) 05/29/2008	
CODE 806500521	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)
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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.243-2 Changes-Cost Reimbursement (AUG 1987) & additional authorities listed in continuation pages
	D. OTHER (Specify type of modification and authority)

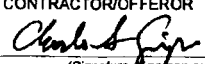

E. IMPORTANT: Contractor is not. is required to sign this document and return 2 copies to the issuing office.

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

The purpose of this modification is to revise Contract Sections C, H and J. See continuation pages.

Period of Performance: 06/20/2008 to 09/30/2013

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

15A. NAME AND TITLE OF SIGNER (Type or print) Charles A. Simpson / Contracts Mgr	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan E. Bechtol
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 6-12-12
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 6/29/2012

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 Support Plan (Jointly submitted with the WTP Contractor as WTP deliverable 5.22)	Approve	30 days	180 days after sub-CLIN Notice to Proceed with updates as required
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TO:

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

<u>Name</u>	<u>Position</u>
Charles G. Spencer	TOC Project Manager

TO:

<u>Name</u>	<u>Position</u>
Mr. Michael D. Johnson	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 DOE Oversight Policy
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TO:

DOE O 226.1B	Implementation of DOE Oversight Policy
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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:

DOE M 442.1-1	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety, and Health
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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	Packaging and Transportation Safety
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TO:

DOE O 460.1C	Packaging and Transportation Safety
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9. The following change is being made in accordance with Clause H.42, Hanford Site Services and Interface Requirements Matrix:

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

FROM:

Interface Number	Type of Interface	Activity (Service - Mandatory)	PNNL (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
32	I/S	Radiological Site Services (RSS)	Provide service to site contractor	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	DOE and national quality control requirements	Usage-based service reimbursed by the user.
<p>Radiological Site Services (RSS) is a fully-integrated and documented set of radiological support programs which provide the technical support, dosimetry, data, and records necessary to demonstrate compliance with required radiological monitoring and to verify the adequacy of Site radiological control programs in protecting the health and safety of workers, the public, and the environment. The RSS includes the Hanford External Dosimetry Program, the Hanford Internal Dosimetry Program, the Hanford Radiological Instrumentation Program, and the Hanford Radiological Records Program.</p> <p>PNNL shall provide:</p> <ul style="list-style-type: none"> • 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, 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, • 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. <p>Hanford Site contractors shall request, and provide requirements for, service.</p>											

TO:

Interface Number	Type of Interface	Activity (Service - Mandatory)	PNNL (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
32(a)	I/S	Hanford External Dosimetry Program (HEDP), Hanford Internal Dosimetry Program (HIDP), and Hanford Radiological Records Program (HRRP)	Provide service to site contractors The Hanford External Dosimetry Program (HEDP), Hanford Internal Dosimetry Program (HIDP), and Hanford Radiological Records Program (HRRP) are a documented set of radiological support programs that provide the technical support, dosimetry services, data, and records necessary to demonstrate compliance with required radiological monitoring and to verify the adequacy of Site radiological control programs in protecting the health and safety of workers, the public, and the environment. This includes the scope of the Hanford External Dosimetry Program, the Hanford Internal Dosimetry Program, and the Hanford Radiological Records Program.	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	DOE and national quality control requirements	Usage-based service reimbursed by the user.
<p>PNNL shall provide:</p> <ul style="list-style-type: none"> • DOELAP accredited external dosimetry services, including technical support, documentation, and dosimeters, based on the types and quantities of external dosimetry required by all key customers. • DOELAP accredited internal dosimetry services, including technical support, documentation, and analyses, based on the types and quantities of internal dosimetry required by all key customers. • Management and preservation of current and former radiation monitoring records for DOE (and predecessor agencies) employees, Hanford Site contractors, sub-contractors, and visitors, including records of existing and past Hanford Site radiation dosimetry policies and practices. <p>Hanford Site contractors shall request and provide requirements for service.</p>											

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Interface Number	Type of Interface	Activity (Service - Mandatory)	PNNL (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
32(b)	I/S	Hanford Radiological Instrumentation Program (HRIP)	Receive service from MSC	Provide service to site contractors	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC	DOE and national quality control requirements	Usage-based service reimbursed by the user.
<p>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-portable radiological instrumentation.</p> <p>MSC shall provide:</p> <ul style="list-style-type: none"> Calibr 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 requirements. <p>Hanford Site Contractors shall request and provide requirements for service.</p>											

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.