SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30					1. REQUISITION NO. 04-09-166			PAGE 1 OF 13	
2. CONTRACT NO	NO. 3. AWARD/EFFECTIVE DATE 4. ORDER NO.			5		5. SOLICITATION NUMBER		6. SOLICITATION ISSUE DATE	
		09-166				08-14-2009			
7. FOR SOLICE		a. NAME			b.	TELEPHONE N	IO. (No Collect Calls)	8. OFFER DUE DATEA OCAL TIME 08-21-2009	
9. ISSUED BY		COD	€ 3100	10. THIS ACQUISITE					
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17a. CONTRACTO	DR/OFFEROR CODE	FACILITY CO	DE	18a. PAYMENT WILL	BE MADE BY			CODE 3100	
ELECTRIC	POWER RESEARCH	INSTITUTE, INC.		Department of Interior / NBC					
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PALO ALT	CO CA 943041338 650-855-2182		~	Denver		2230	• .		
176. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER				18b. SUBMIT INVOICE	ES TO ADDRES	SEE ADD		OCK BELOW IS CHECKED	
19. ITEM NO.		20. SCHEDULE OF SUPPLIES	WSERVICES		21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT	
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276. SOLIGITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5					DENDA	ARE	ARE NOT ATTACHED.		
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ADDITIONAL SIMPLIFIED ACQUISITION TERMS AND CONDITIONS

A.1 PRICE SCHEDULE

Description	QTY	Unit Price	Total
BWR Training			\$73,533

A.2 NOTICE LISTING CLAUSES INCORPORATED BY REFERENCE

The following clauses are hereby incorporated by reference (by Citation Number, Title, and Date) in accordance with the clause at FAR "52.252-2 CLAUSES INCORPORATED BY REFERENCE" contained in this document. FAR 52.252-2 contains the internet address for electronic access to the full text of a clause.

NUMBER	TITLE	DATE
	FEDERAL ACQUISITION REGULATION (48 CFR Ch	apter 1)
52.213-3	NOTICE TO SUPPLIER	APR 1984
52.223-6	DRUG-FREE WORKPLACE	MAY 2001
52.225-13	RESTRICTIONS ON CERTAIN FOREIGN	JUN 2008
	PURCHASES	
52.233-1	DISPUTES	JUL 2002
52.233-4	APPLICABLE LAW FOR BREACH OF	OCT 2004
•	CONTRACT CLAIM	
52.212-2	EVALUATIONCOMMERCIAL ITEMS	JAN 1999
52.212-1	INSTRUCTIONS TO OFFERORSCOMMERCIAL	JUN 2008
	ITEMS	,
52.212-4	CONTRACT TERMS AND CONDITIONS	OCT 2008
	COMMERCIAL ITEMS	

A.3 PROJECT OFFICER AUTHORITY ALTERNATE 2 (FEBRUARY 2004)

(a) The contracting officer's authorized representative hereinafter referred to as the project officer for this contract is:

Name:

Jeffrey Hixon

Address:

US Nuclear Regulatory Commission

Office of Nuclear Regulatory Research Mail Stop C5-A24M

Washington DC 20555

Telephone Number:

301-251-7639

Email: Jeffrey.Hixon@nrc.gov

- (b) The project officer shall:
- (1) Monitor contractor performance and recommend changes in requirements to the contracting officer.
- (2) Inspect and accept products/services provided under the contract.

- (3) Review all contractor invoices/vouchers requesting payment for products/services provided under the contract and make recommendations for approval, disapproval, or suspension.
- (4) Immediately notify the Security Branch, Division of Facilities and Security (SB/DFS) (via e-mail) when a contractor employee no longer requires access authorization and return of any NRC issued badge to SB/DFS within three days after their termination.
 - (c) The project officer may not make changes to the express terms and conditions of this contract.

A.4 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (JAN 2009)

- (a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:
 - (1) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).
 - (2) 52.233-4, Applicable Law for Breach of Contract Claim (Oct 2004) (Pub. L. 108-77, 108-78)
- (b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:
- [] (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sept 2006), with Alternate I (Oct 1995) (41 U.S.C. 253g and 10 U.S.C. 2402).
- [] (2) 52.203-13, Contractor Code of Business Ethics and Conduct (DEC 2008)(Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).
 - [] (3) 52.219-3, Notice of Total HUBZone Set-Aside (Jan 1999) (15 U.S.C. 657a).
- [] (4) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (July 2005) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).
 - [] (5) [Reserved]
 - [] (6)(i) 52.219-6, Notice of Total Small Business Set-Aside (June 2003) (15 U.S.C. 644).
 - ∏ (ii) Alternate I (Oct 1995) of 52.219-6.
 - [] (iii) Alternate II (Mar 2004) of 52.219-6.
 - [] (7)(i) 52.219-7, Notice of Partial Small Business Set-Aside (June 2003) (15 U.S.C. 644).
 - (ii) Alternate I (Oct 1995) of 52.219-7.
 - [] (iii) Alternate II (Mar 2004) of 52.219-7.
 - [] (8) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)).
 - (9)(i) 52.219-9, Small Business Subcontracting Plan (APR 2008) (15 U.S.C. 637(d)(4).)

- (ii) Alternate I (Oct 2001) of 52.219-9.
- [] (iii) Alternate II (Oct 2001) of 52.219-9.
- [] (10) 52.219-14, Limitations on Subcontracting (Dec 1996) (15 U.S.C. 637(a)(14)).
- [] (11) 52.219-16, Liquidated Damages--Subcontracting Plan (Jan 1999) (15 U.S.C. 637(d)(4)(F)(i)).
- [] (12)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (OCT 2008) (10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer.)
 - [] (ii) Alternate I (June 2003) of 52.219-23.
- [] (13) 52.219-25, Small Disadvantaged Business Participation Program--Disadvantaged Status and Reporting (APR 2008) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- [] (14) 52.219-26, Small Disadvantaged Business Participation Program--Incentive Subcontracting (Oct 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- [] (15) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (May 2004) (15 U.S.C. 657 f).
 - [] (16) 52.219-28, Post Award Small Business Program Representation (June 2007) (15 U.S.C 632(a)(2)).
 - [X] (17) 52.222-3, Convict Labor (June 2003) (E.O. 11755).
 - [X] (18) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (FEB 2008) (E.O. 13126).
 - [X] (19) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
 - [X] (20) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).
- [] (21) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sept 2006) (38 U.S.C. 4212).
 - [X] (22) 52,222-36. Affirmative Action for Workers with Disabilities (Jun 1998) (29 U.S.C. 793).
- [] (23) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sept 2006) (38 U.S.C. 4212).
- [] (24) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (Dec 2004) (E.O. 13201).
 - [X] (25)(i) 52.222-50, Combating Trafficking in Persons (Aug 2007) (Applies to all contracts).
 - [] (ii) Alternate I (Aug 2007) of 52.222-50.
- [] (26) 52.222-54, Employment Eligibility Verification (Jan 2009). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)
- [] (27)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Items (May 2008) (42 U.S.C. 6962(c)(3)(A)(ii)).

- [] (ii) Alternate I (May 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)).
- [] (28) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007)(42 U.S.C. 8259b)
- [] (29)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (Dec 2007) (E.O. 13423).
 - [] (ii) Alternate I (Dec 2007) of 52.223-16.
 - [] (30) 52.225-1, Buy American Act--Supplies (June 2003) (41 U.S.C. 10a-10d).
- [] (31)(i) 52.225-3, Buy American Act--Free Trade Agreements-- Israeli Trade Act (Aug 2007) (41 U.S.C. 10a-10d, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, Pub. L 108-77, 108-78, 108-286, 109-53 and 109-169).
 - [] (ii) Alternate I (Jan 2004) of 52.225-3.
 - [] (iii) Alternate II (Jan 2004) of 52.225-3.
 - [] (32) 52.225-5, Trade Agreements (Nov 2007) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).
- [X] (33) 52.225-13, Restrictions on Certain Foreign Purchases (JUN 2008) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
 - [] (34) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).
- [] (35) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).
- [] (36) 52.232-29, Terms for Financing of Purchases of Commercial Items (Feb 2002) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- [] (37) 52.232-30, Installment Payments for Commercial Items (Oct 1995) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- [X] (38) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (Oct 2003) (31 U.S.C. 3332).
- [] (39) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (May 1999) (31 U.S.C. 3332).
 - (40) 52.232-36, Payment by Third Party (May 1999) (31 U.S.C. 3332).
 - (41) 52.239-1, Privacy or Security Safeguards (Aug 1996) (5 U.S.C. 552a).
- [] (42)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631).
 - [] (ii) Alternate I (Apr 2003) of 52.247-64.
- (c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

- [] (1) 52.222-41, Service Contract Act of 1965 (Nov 2007) (41 U.S.C. 351, et seq.).
- [] (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 1989) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).
- [] (3) 52.222-43, Fair Labor Standards Act and Service Contract Act--Price Adjustment (Multiple Year and Option Contracts) (Nov 2006) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).
- [] (4) 52.222-44, Fair Labor Standards Act and Service Contract Act--Price Adjustment (Feb 2002) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).
- [] (5) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (Nov 2007) (41 U.S.C. 351, et seq.).
- [] (6) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services---Requirements "(Nov 2007)" (41 U.S.C. 351, et seq.).
 - [] (7) 52.237-11, Accepting and Dispensing of \$1 Coin (SEP 2008) (31 U.S.C. 5112(p)(1)).
- (d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records--Negotiation.
- (1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.
- (2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.
- (3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.
- (e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in paragraphs (e)(1)(i) through (xi) of this paragraph in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause--
- (i) 52.203-13, Contractor Code of Business Ethics and Conduct (DEC 2008) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).
- (ii) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$550,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

- (iii) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).
- (iv) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sept 2006) (38 U.S.C. 4212).
 - (v) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793).
- (vi) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (Dec 2004) (E.O. 13201).
 - (vii) 52.222-41, Service Contract Act of 1965 (Nov 2007) (41 U.S.C. 351, et seq.).
- (viii) 52.222-50, Combating Trafficking in Persons (Aug 2007) (22 U.S.C. 7104(g)). Flow down required in accordance with paragraph (f) of FAR clause 52.222-50.
- (ix) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements "(Nov 2007)" (41 U.S.C. 351, et seq.).
- (x) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services--Requirements "(Nov 2007)" (41 U.S.C. 351, et seq.).
 - (xi) 52.222-54, Employment Eligibility Verification (JAN 2009).
- (xii) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.
- (2) While not required, the contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

A.5 SEAT BELTS

Contractors, subcontractors, and grantees, are encouraged to adopt and enforce on-the-job seat belt policies and programs for their employees when operating company-owned, rented, or personally owned vehicles.

A.6 WHISTLEBLOWER PROTECTION FOR NRC CONTRACTOR AND SUBCONTRACTOR EMPLOYEES (JULY 2006)

- (a) The U.S. Nuclear Regulatory Commission (NRC) contractor and its subcontractor are subject to the Whistleblower Employee Protection public law provisions as codified at 42 U.S.C. 5851. NRC contractor(s) and subcontractor(s) shall comply with the requirements of this Whistleblower Employee Protection law, and the implementing regulations of the NRC and the Department of Labor (DOL). See, for example, DOL Procedures on Handling Complaints at 29 C.F.R. Part 24 concerning the employer obligations, prohibited acts, DOL procedures and the requirement for prominent posting of notice of Employee Rights at Appendix A to Part 24.
- (b) Under this Whistleblower Employee Protection law, as implemented by regulations, NRC contractor and subcontractor employees are protected from discharge, reprisal, threats, intimidation, coercion, blacklisting or other employment discrimination practices with respect to compensation, terms, conditions or privileges of their employment because the contractor or subcontractor employee(s) has provided notice to the employer, refused to engage in unlawful practices, assisted in proceedings or testified on activities concerning alleged violations of the Atomic Energy Act of 1954 (as amended) and the Energy Reorganization Act of 1974 (as amended).

(c) The contractor shall insert this or the substance of this clause in any subcontracts involving work performed under this contract.

STATEMENT OF WORK FOR CONTRACTOR TO PROVIDE BOILING WATER REACTOR VESSEL INTERNALS PROGRAM TRAINING

1. BACKGROUND

General Electric (GE) has a training facility in San Jose, CA. At this facility, there is a full-scale mockup of a boiling water reactor (BWR) reactor pressure vessel (RPV). GE has contracted for personnel from the Electric Power Research Institute (EPRI) NDE Center to conduct a course on the history, organization, and products of the BWR vessel internals program (BWRVIP). The purpose of the course is to provide hands-on experience with component configuration, component cracking history, inspection requirements, and available inspection techniques for each of the vessel internals for which there are inspection requirements. This program is regularly taught to industry nondestructive examination experts, refueling floor managers, outage managers, component engineers, plant managers, plant vice presidents, and Institute of Nuclear Power Organization personnel. What makes the course unique, in addition to this being the only full-scale GE BWR mockup in the U.S., is that trainees are taken down into vessel mockup to view the internals in their actual locations. The course also includes training on the examination methods used for the various components (e.g., EVT-1 [enhanced visual techniques]).

On June 8-12th, 2009 20 U.S. Nuclear Regulatory Commission (NRC) staff from the Regions, Office of Nuclear Regulatory Research (RES), and Office of Nuclear Reactor Regulation (NRR) participated in the training course offered for the first time to NRC staff at the GE Training Facility in San Jose, CA. The training consisted of two parts: EPRI staff provided an overview of the Boiling Water Reactor Vessels Internals Project (BWRVIP) inspection and evaluation guidelines for the various vessel internals; and participants went into the GE full-scale BWR vessel mockup. The full-scale mockup allows participants to better understand issues related to design/construction and geometry/access/inservice inspection. EPRI staff also discussed component susceptibility/degradation issues. The mockup was later filled with water, and GE/EPRI staff demonstrated how remote in-vessel visual inspections (IVVIs) are performed from the refueling/inspection platform. NRC staff were provided an opportunity to manually manipulate the remote underwater camera to examine vessel internals. The overall opinion of the participants was that the training was excellent, and RES should continue to arrange this training on a periodic basis.

2. OBJECTIVE

The Contractor shall provide the NRC with two (2) training courses on boiling water reactors (BWR). The purpose of the course is to provide hands-on experience with component configuration, component cracking history, inspection requirements, and available inspection techniques for each of the vessel internals for which there are inspection requirements. The course will cover the history, organization, and products of the BWR vessel internals program (BWRVIP).

1. SCOPE OF WORK

The contractor shall provide hands on training courses on boiling water reactors (BWR).

2. REQUIREMENTS

4.1. Schedule

The contractor shall provide training to include the following schedule:

Day 1

8:00 am - 12:30 pm

a) Introduction/Orientation

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- b) Lecture and Discussion to include: BWRVIP History, BWRVIP Structure, Description of Products and Services, and Review of Visual Inspection Standard
- 1:30 pm 5:00 pm
 - a) Laboratory work to include: In-Vessel Tour and Tour of Internals Mockups and Handling Tools

Day 2

8:00 am - 12:30 pm

a) Component Specific Information Lecture and Discussion to include: Core Shroud, Lower Plenum, Standby Liquid Control, Core Plate, Core Spray Piping and Spargers, Jet Pump Assembly, LPCI Coupling, LPRM/Tip Housing, Orificed Fuel Support, Shroud Support, Access Hole Cover, Top Guide, and Miscellaneous Components

1:30 pm - 5:00 pm

a) Laboratory Work to include: Camera Types, Camera Handling, etc.

Day 3

8:00 am - 12:00 noon

- a) Continue Component Specific Discussion; chance for more camera work
- b) Question and Answer, Course Evaluations

4.2 Curriculum

The Boiling Water Reactor (BWR) course curriculum and content shall be based on and Incorporate the following areas and documents:

- 1) Review of Visual Inspection Standard using:
 - a) "TR-105696-R8 (BWRVIP-03) Revision 8: BWR Vessel and Internals Project, Reactor Pressure Vessel and Internals Examination Guidelines," EPRI Technical Report 1011689, December 2005.
- 2) Core Shroud using:
 - a) "BWR Vessel and Internals Project, BWR Core Shroud Inspection and Flaw Evaluation Guidelines, Revision 2 (BWRVIP-01)," EPRI Report TR-107079, October 1996.
 - b) "BWR Vessel and Internals Project, Guidelines for Reinspection of BWR Core Shrouds (BWRVIP-07)," EPRI Report TR-105747, February 1996.
 - c) "BWR Vessel and Internals Project, Shroud Vertical Weld Inspection and Evaluation Guidelines (BWRVIP-63)," EPRI Report TR-113170, June 1999.
 - d) "BWR Vessel and Internals Project, BWR Core Shroud Inspection and Flaw Evaluation Guidelines (BWRVIP-76)," EPRI Report TR-114232, November 1999.
- 3) Lower Plenum using:
 - a) "BWRVIP-47-A: BWR Vessel and Internals Project, BWR Lower Plenum Inspection and Flaw Evaluation Guidelines," EPRI Technical Report 1009947, November 2004.
- 4) Standby Liquid Control using:
 - a) "BWRVIP-27-A: BWR Vessel and Internals Project, BWR Standby Liquid Control System/Core Plate ΔP Inspection and Flaw Evaluation Guidelines," EPRI Technical Report 1007279, August 2003.
- 5) Standby Liquid Control using:
 - a) "BWRVIP-27-A: BWR Vessel and Internals Project, BWR Standby Liquid Control System/Core Plate ΔP Inspection and Flaw Evaluation Guidelines," EPRI Technical Report 1007279, August 2003.
- 6) Core Plate using:
 - a) "BWR Vessel and Internals Project, BWR Core Plate Inspection and Flaw Evaluation Guidelines (BWRVIP-25)," EPRI Report TR-107284, December 1996.
- 7) Core Spray Piping and Spargers using:
 - a) "BWRVIP-18-A: BWR Vessel and Internals Project, BWR Core Spray Internals Inspection and Flaw Evaluation Guidelines," EPRI Technical Report 1011469, February 2005.
- 8) Jet Pump Assembly using:

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- a) "BWRVIP-41, Revision 1: BWR Vessel and Internals Project, BWR Jet Pump Assembly Inspection and Flaw Evaluation Guidelines," EPRI Technical Report 1012137, September 2005.
- b) "BWRVIP-138: BWR Vessel and Internals Project, Updated Jet Pump Beam Inspection and Evaluation Guidelines," EPRI Technical Report 1008213, December 2004.
- 9) LPCI Coupling using:
 - a) "BWRVIP-42-A: BWR Vessel and Internals Project, LPCI Coupling Inspection and Flaw Evaluation Guidelines," EPRI Technical Report 1011470, February 2005.
- 10) Shroud Support using:
 - a) "BWR Vessel and Internals Project, BWR Shroud Support Inspection and Flaw Evaluation Guidelines (BWRVIP-38)," EPRI Report TR-108823, September 1997.
 - b) "BWRVIP-104: BWR Vessel and Internals Project, Evaluation and Recommendations to Address Shroud Support Cracking in BWRs," EPRI Technical Report 1003555, September 2002
 - 11) Top Guide using:
 - a) "BWRVIP-26-A: BWR Vessel and Internals Project, BWR Top Guide Inspection and Flaw Evaluation Guidelines," EPRI Technical Report 1009946, November 2004.

4.3 Materials

A training manual shall be provided to each participant.

5. PERIOD OF PERFORMANCE

The period of performance for the order is from award date through December 31, 2009. The trainings shall be provided from November 16th -20th, 2009. Each course is to be 2 ½ days of duration.

6. PLACE OF PERFORMANCE

General Electric's BWR training facility in San Jose, CA.

7. PARTICIPANTS

Courses for up to a total of 20 NRC staff to be in attendance (combination of headquarters and Regions.) Each course is open to 10 NRC staff.

BILLING INSTRUCTIONS FOR FIXED PRICE CONTRACTS (JUNE 2008)

<u>General</u>: During performance and through final payment of this contract, the contractor is responsible for the accuracy and completeness of data within the Central Contractor Registration (CCR) database and for any liability resulting from the Government's reliance on inaccurate or incomplete CCR data.

The contractor shall prepare vouchers/invoices as prescribed herein. FAILURE TO SUBMIT VOUCHERS/INVOICES IN ACCORDANCE WITH THESE INSTRUCTIONS WILL RESULT IN REJECTION OF THE VOUCHER/INVOICE AS IMPROPER.

<u>Form</u>: Claims shall be submitted on the payee's letterhead, voucher/invoice, or on the Government's Standard Form 1034, "Public Voucher for Purchases and Services Other than Personal," and Standard Form 1035, "Public Voucher for Purchases Other than Personal--Continuation Sheet."

<u>Number of Copies</u>: A signed original shall be submitted. If the voucher/invoice includes the purchase of any property with an initial acquisition cost of \$50,000 or more, a copy of the signed original is also required.

<u>Designated Agency Billing Office</u>: The preferred method of submitting vouchers/invoices is electronically to the Department of the Interior at <u>NRCPayments@nbc.gov</u>

If the voucher/invoice includes the purchase of any property with an initial acquisition cost of \$50,000 or more, a copy of the signed original shall be electronically sent to: Property@nrc.gov

However, if you submit a hard-copy of the voucher/invoice, it shall be submitted to the following address:

Department of the Interior National Business Center Attn: Fiscal Services Branch - D2770 7301 West Mansfield Avenue Denver, CO 80235-2230

If you submit a hard-copy of the voucher/invoice and it includes the purchase of any property with an initial acquisition cost of \$50,000 or more, a copy of the signed original shall be mailed to the following address:

U.S. Nuclear Regulatory Commission NRC Property Management Officer Mail Stop: O-4D15 Washington, DC 20555-0001

HAND-CARRIED SUBMISSIONS WILL NOT BE ACCEPTED

Agency Payment Office: Payment will continue to be made by the office designated in the contract in Block 12 of the Standard Form 26, Block 25 of the Standard Form 33, or Block 18a. of the Standard Form 1449, whichever is applicable.

<u>Frequency</u>: The contractor shall submit a voucher/invoice only after the NRC's final acceptance of services rendered or products delivered in performance of the contract unless otherwise specified in the contract.

<u>Preparation and Itemization of the Voucher/Invoice</u>: The voucher/invoice shall be prepared in ink or by typewriter (without strike-overs). Corrections or erasures must be initialed. To be considered a proper voucher/invoice, all of the following elements must be included:

- Contractor's Data Universal Number (DUNS) or DUNS+4 number that identifies the contractor's name and address. The DUNS+4 number is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the contractor to identify alternative Electronic Funds Transfer (EFT) accounts for the same parent concern.
- 2. Contract number.
- 3. Sequential voucher/invoice_number.
- 4. Date of voucher/invoice.
- 5. Payee's name and address. Show the name of the Payee as it appears in the contract and its correct address. If the Payee assigns the proceeds of this contract as provided for in the assignment of claims terms of this contract, the Payee shall require as a condition of any such assignment, that the assignee shall register separately in the Central Contractor Registration (CCR) database at http://www.ccr.gov and shall be paid by EFT in accordance with the terms of this contract. See Federal Acquisition Regulation 52.232-33(g) Payment by Electronic Funds Transfer Central Contractor Registration (October 2003).
- 6. A description of articles or services, quantity, unit price, and total amount.
- 7. For contractor acquired property, list each item with an initial acquisition cost of \$50,000 or more and provide: (1) an item description, (2) manufacturer, (3) model number, (4) serial number, (5) acquisition cost, (6) date of purchase, and (7) a copy of the purchasing document.
- 8. Weight and zone of shipment, if shipped by parcel post.
- 9. Charges for freight or express shipments. Attach prepaid bill if shipped by freight or express.
- 10. Instructions to consignee to notify the Contracting Officer of receipt of shipment.
- 11. For Indefinite Delivery contracts or contracts under which progress payments are authorized, the final voucher/invoice shall be marked "FINAL VOUCHER" OR "FINAL INVOICE."

<u>Currency</u>: Billings may be expressed in the currency normally used by the contractor in maintaining his accounting records and payments will be made in that currency. However, the U.S. dollar equivalent for all vouchers/invoices paid under the contract may not exceed the total U.S. dollars authorized in the contract.

Supersession: These instructions supersede any previous billing instructions.

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