

**SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS
OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30**

1. REQUISITION NO. 33-09-316 PAGE 1 OF 19

2. CONTRACT NO. NRC-33-09-316 3. AWARD/EFFECTIVE DATE **SEP 28 2009** 4. ORDER NO. 5. SOLICITATION NUMBER RFQ-NRC-33-09-316 6. SOLICITATION ISSUE DATE

7. FOR SOLICITATION INFORMATION CALL: a. NAME b. TELEPHONE NO. (No Collect Calls) 8. OFFER DUE DATE/LOCAL TIME

9. ISSUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Aaron Alvarado Mail Stop: TWB-01-B10M Washington, DC 20555 CODE 3100 10. THIS ACQUISITION IS UNRESTRICTED OR SET ASIDE: % FOR: SMALL BUSINESS EMERGING SMALL BUSINESS HUBZONE SMALL BUSINESS SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS 8(A) NAICS: 511210 SIZE STANDARD: \$25.0M

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED SEE SCHEDULE 12. DISCOUNT TERMS NET 30 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) 13b. RATING N/A 14. METHOD OF SOLICITATION RFQ IFB RFP

15. DELIVER TO U.S. Nuclear Regulatory Commission Attn: Michael Williams M/S: T-5D14 Washington DC 20555 CODE 16. ADMINISTERED BY U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop: TWB-01-B10M Washington, DC 20555 CODE 3100

17a. CONTRACTOR/OFFEROR CODE D&B:181199134 FACILITY CODE OPNET TECHNOLOGIES, INC. 7255 WOODMONT AVE BETHESDA MD 208147900 TELEPHONE NO. (240)497-3000 18a. PAYMENT WILL BE MADE BY Department of Interior / NBC NRCPayments@nbc.gov Attn: Fiscal Services Branch - D2770 7301 W. Mansfield Avenue Denver CO 80235-2230 CODE 3100

17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER 18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	<p>In accordance with the terms and conditions of this contract, OPNET Technologies, Inc. shall provide the U.S. Nuclear Regulatory Commission with "Tool for IPV6 Network Planning." Quote Number 23918-10 is hereby accepted and made part of this firm-fixed price contract. The period of performance is one year from the time the software licenses are downloaded.</p> <p>NRC Project Officer: Michael Williams (301) 415-7827 Email: Michael.Williams@nrc.gov</p> <p>OPNET POC: Alexander Kunin (240)497-3000 ext 2202 Email: akunin@opnet.com</p> <p>Attachments; Billing Instructions For Fixed Price Contracts</p> <p>(Use Reverse and/or Attach Additional Sheets as Necessary)</p>				

25. ACCOUNTING AND APPROPRIATION DATA B&R:910-15-5E1-330 JC:J1299 BOC:3130/3131 APPN:31X0200.910 FFS:10970754 OBLIGATE:\$110,232.51 26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$110,232.51

27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA ARE ARE NOT ATTACHED. 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED. ADDENDA ARE ARE NOT ATTACHED.

28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 1 COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED 29. AWARD OF CONTRACT: REF. 23918-10 OFFER DATED 8-31-2009 YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR *Kirk Winkler* 31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) *Aleni Jernell*

30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT) Kirk Winkler, VP, Sales Operations 30c. DATE SIGNED 9-28-2009 31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) Aleni Jernell Contracting Officer 31c. DATE SIGNED 9/28/09

AUTHORIZED FOR LOCAL REPRODUCTION PREVIOUS EDITION IS NOT USABLE STANDARD FORM 1449 (REV. 3/2005) Prescribed by GSA - FAR (48 CFR) 53.212

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
001	GSA-ITG: IT GURU PERPETUAL RIGHT TO USE LICENSE. INCLUDES ONE (1) DISRTIBUTION MEDIA	[REDACTED]	EA	[REDACTED]	[REDACTED]
002	GSA-ITG-UY: IT GURU LICENSE UPGRADES FOR NEW RELEASES, PATCH LEVELS AND SW ENHANCEMENTS	[REDACTED]	EA	[REDACTED]	[REDACTED]
003	GSA-ITG-SY: IT GURU TECHNICAL SUPPORT AGREEMENT	[REDACTED]	EA	[REDACTED]	[REDACTED]
004	GSA-NTDR: NETDOCTOR MODULE PERPETUAL RIGHT TO USE LICENSE	[REDACTED]	EA	[REDACTED]	[REDACTED]
005	GSA-NTDR-UY: NETDOCTOR MODULE LICENSE UPGRADES FOR NEW RELEASES, PATCH LEVELS AND SW ENHANCEMENTS	[REDACTED]	EA	[REDACTED]	[REDACTED]
006	GSA-NTDR-SY: NETDOCTOR MODULE TECHNICAL SUPPORT	[REDACTED]	EA	[REDACTED]	[REDACTED]
007	GSA-FLAN: FLOW ANALYSIS MODULE PERPETUAL RIGHT TO USE LICENSE	[REDACTED]	EA	[REDACTED]	[REDACTED]
008	GSA-FLAN-UY: FLOW ANALYSIS MODULE LICENSE UPGRADES FOR NEW RELEASES, PATCH LEVELS AND SW ENHANCEMENTS	[REDACTED]	EA	[REDACTED]	[REDACTED]
009	GSA-FLAN-SY: FLOW ANALYSIS MODULE - TECHNICAL SUPPORT	[REDACTED]	EA	[REDACTED]	[REDACTED]
010	GSA-XDI: EXPRESS DATA IMPORT (F.K.A. MVI) PERPETUAL RIGHT TO USE LICENSE	[REDACTED]	EA	[REDACTED]	[REDACTED]
011	GSA-XDI-UY: EXPRESS DATA IMPORT (F.K.A. MVI) LICENSE UPGRADES FOR NEW RELEASES, PATCH LEVELS, AND SW ENHANCEMENTS	[REDACTED]	EA	[REDACTED]	[REDACTED]
012	GSA-XDI-SY: EXPRESS DATA IMPORT (F.K.A. MVI) TECHNICAL SUPPORT AGREEMENT	[REDACTED]	EA	[REDACTED]	[REDACTED]
013	PDM: PLANNING AND DESIGN MODULE PERPETUAL RIGHT TO USE LICENSE	[REDACTED]	EA	[REDACTED]	[REDACTED]
014	PDM-UY: PLANNING AND DESIGN MODULE LICENSE UPGRADES	[REDACTED]	EA	[REDACTED]	[REDACTED]
015	PDM-SY: PLANNING AND DESING MODULE TECHNICAL SUPPORT	[REDACTED]	EA	[REDACTED]	[REDACTED]
016	IPV6POM: IPV6 PLANNING AND OPERATIONS MODULE PERPETUAL RIGHT TO USE LICENSE. INCLUDES ONE (1) DISTRIBUTION MEDIA.	[REDACTED]	EA	[REDACTED]	[REDACTED]
017	IPV6POM-UY: IPV6 PLANNING AND OPERATIONS MODULE LICENSE UPGRADES	[REDACTED]	EA	[REDACTED]	[REDACTED]
018	IPV6POM-SY: IPV6 PLANNING AND OPERATIONS MODULE TECHNICAL SUPPORT AGREEMENT	[REDACTED]	EA	[REDACTED]	[REDACTED]

32a. QUANTITY IN COLUMN 21 HAS BEEN

RECEIVED INSPECTED ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE Michael Williams Project Officer
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32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE 11545 Rockville Pike M/S:T-5D14 Rockville, MD 20852	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE 301-415-7827	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE michael.williams@nrc.gov
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33. SHIP NUMBER	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
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38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
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41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY (Print)
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	42b. RECEIVED AT (Location)
41c. DATE	42c. DATE RECD (YY/MM/DD)
	42d. TOTAL CONTAINERS

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SECTION B - CONTINUATION BLOCK

B.1 CONSIDERATION AND OBLIGATION--FIRM FIXED PRICE (JUN 1988)

The firm fixed price of this contract is \$110,232.51.

B.2 DURATION OF CONTRACT PERIOD (MAR 1987)

This contract shall commence once licenses are downloaded and will expire one year after.

SECTION C - CONTRACT CLAUSES**C.1 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (AUG 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) 52.222-50, Combatting Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

Alternate I (AUG 2007) of 52.222-50 (22 U.S.C. 7104 (g)).

- (2) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).

- (3) 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) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (MAR 2009) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

(4) 52.204-11, American Recovery and Reinvestment Act-Reporting Requirements (MAR 2009) (Pub. L. 111-5).

(5) 52.219-3, Notice of Total HUBZone Set-Aside (Jan 1999) (15 U.S.C. 657a).

(6) 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).

(7) [Reserved]

(8)(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.

(9)(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.

- (10) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)).
- (11)(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.
- (12) 52.219-14, Limitations on Subcontracting (Dec 1996) (15 U.S.C. 637(a)(14)).
- (13) 52.219-16, Liquidated Damages--Subcontracting Plan (Jan 1999) (15 U.S.C. 637(d)(4)(F)(i)).
- (14)(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.
- (15) 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).
- (16) 52.219-26, Small Disadvantaged Business Participation Program--Incentive Subcontracting (Oct 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- (17) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (May 2004) (15 U.S.C. 657 f).
- (18) 52.219-28, Post Award Small Business Program Rerepresentation (APR 2009) (15 U.S.C. 632(a)(2)).
- (19) 52.222-3, Convict Labor (June 2003) (E.O. 11755).
- (20) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (AUG 2009) (E.O. 13126).
- (21) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
- (22) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).
- (23) 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).
- (24) 52.222-36, Affirmative Action for Workers with Disabilities (Jun 1998) (29 U.S.C. 793).
- (25) 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).
- (26) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (Dec 2004) (E.O. 13201).
- (27) 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.)

(28)(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)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

(ii) Alternate I (MAY 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

(29) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007)(42 U.S.C. 8259b).

(30)(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.

(31) 52.225-1, Buy American Act--Supplies (FEB 2009) (41 U.S.C. 10a-10d).

(32)(i) 52.225-3, Buy American Act--Free Trade Agreements-- Israeli Trade Act (JUN 2009) (41 U.S.C. 10a-10d, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C 3805 note, Pub. L. 108-77, 108-78, 108-286, 108-302, 109-53 and 109-169, 109-283, and 110-138).

(ii) Alternate I (Jan 2004) of 52.225-3.

(iii) Alternate II (Jan 2004) of 52.225-3.

(33) 52.225-5, Trade Agreements (AUG 2009) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).

(34) 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).

(35) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).

(36) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).

(37) 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)).

(38) 52.232-30, Installment Payments for Commercial Items (Oct 1995) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

(39) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (Oct 2003) (31 U.S.C. 3332).

(40) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (May 1999) (31 U.S.C. 3332).

(41) 52.232-36, Payment by Third Party (May 1999) (31 U.S.C. 3332).

(42) 52.239-1, Privacy or Security Safeguards (Aug 1996) (5 U.S.C. 552a).

(43)(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.).

Employee Class

Monetary Wage-Fringe Benefits

(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 (FEB 2009) (41 U.S.C. 351, et seq.).

(7) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (MAR 2009)(Pub. L. 110-247)

(8) 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 this paragraph (e)(1) 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) [Reserved]

(iv) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).

(v) 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).

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793).

(vii) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (Dec 2004) (E.O. 13201).

(viii) 52.222-41, Service Contract Act of 1965 (Nov 2007) (41 U.S.C. 351, et seq.).

(ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

Alternate I (AUG 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(x) 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.).

(xi) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services-Requirements (FEB 2009)(41 U.S.C. 351, et seq.).

(xii) 52.222-54, Employee Eligibility Verification (JAN 2009)

(xiii) 52.226-6, Promoting Excess Food Donataion to Nonprofit Organizations. (MAR 2009)(Pub. L. 110-247). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xiv) 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.

C.2 52.223-6 DRUG-FREE WORKPLACE (MAY 2001)

(a) Definitions. As used in this clause,

"Controlled substances" means a controlled substance in schedules I through V of section 202 of the Controlled Substances Act (21 U.S.C. 812) and as further defined in regulation at 21 CFR 1308.11-1308.15.

"Conviction" means a finding of guilt (including a plea of nolo contendere) or imposition of sentence, or both, by any judicial body charged with the responsibility to determine violations of the Federal or State criminal drug statutes.

"Criminal drug statute" means a Federal or non-Federal criminal statute involving the manufacture, distribution, dispensing, possession or use of any controlled substance.

"Drug-free workplace" means the site(s) for the performance of work done by the Contractor in connection with a specific contract where employees of the Contractor are prohibited from engaging in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance.

"Employee" means an employee of a Contractor directly engaged in the performance of work under a Government contract. "Directly engaged" is defined to include all direct cost employees and any other Contractor employee who has other than a minimal impact or involvement in contract performance.

"Individual" means an offeror/contractor that has no more than one employee including the offeror/contractor.

(b) The Contractor, if other than an individual, shall--within 30 days after award (unless a longer period is agreed to in writing for contracts of 30 days or more performance duration); or as soon as possible for contracts of less than 30 days performance duration--

(1) Publish a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition;

(2) Establish an ongoing drug-free awareness program to inform such employees about--

(i) The dangers of drug abuse in the workplace;

(ii) The contractor's policy of maintaining a drug-free workplace;

(iii) Any available drug counseling, rehabilitation, and employee assistance programs; and

(iv) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.

(3) Provide all employees engaged in performance of the contract with a copy of the statement required by subparagraph (b)(1) of this clause;

(4) Notify such employees in writing in the statement required by subparagraph (b)(1) of this clause, that as a condition of continued employment on this contract, the employee will--

(i) Abide by the terms of the statement; and

(ii) Notify the employer in writing of the employee's conviction under a criminal drug statute for a violation occurring in the workplace no later than 5 days after such conviction;

(5) Notify the Contracting Officer in writing within 10 calendar days after receiving notice under subdivision (a)(4)(ii) of this clause, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;

(6) Within 30 days after receiving notice under subparagraph (b)(4)(ii) of this provision of a conviction, take one of the following actions with respect to any employee who is convicted of a drug abuse violation occurring in the workplace:

(i) Taking appropriate personnel action against such employee, up to and including termination; or

(ii) Require such employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency; and

(7) Make a good faith effort to maintain a drug-free workplace through implementation of subparagraphs (b)(1) through (b)(6) of this clause.

(c) The Contractor, if an individual, agrees by award of the contract or acceptance of a purchase order, not to engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance while performing this contract.

(d) In addition to other remedies available to the Government, the Contractor's failure to comply with the requirements of paragraph (b) and (c) of this clause may, pursuant to FAR 23.506, render the contractor subject to suspension of contract payments, termination of the contract for default, and suspension or debarment.

C.3 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.

C.4 COMPLIANCE WITH U.S. IMMIGRATION LAWS AND REGULATIONS

NRC contractors are responsible to ensure that their alien personnel are not in violation of United States Immigration and Naturalization (INS) laws and regulations, including employment authorization documents and visa requirements. Each alien employee of the Contractor must be lawfully admitted for permanent residence as evidenced by Alien Registration Receipt Card Form 1-151 or must present other evidence from the Immigration and Naturalization Services that employment will not affect his/her immigration status. The INS Office of Business Liaison (OBL) provides information to contractors to help them understand the employment eligibility verification process for non-US citizens. This information can be found on the INS website, <http://www.ins.usdoj.gov/graphics/services/employerinfo/index.htm#obl>.

The NRC reserves the right to deny or withdraw Contractor use or access to NRC facilities or its equipment/services, and/or take any number of contract administrative actions (e.g., disallow costs, terminate for cause) should the Contractor violate the Contractor's responsibility under this clause.

C.5 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.

C.6 SECTION 508 COMPLIANCE

All electronic and information technology (EIT) procured through this contract must meet the applicable accessibility standards at 36 CFR 1194, unless an agency exception to this requirement exists. (36 CFR 1194 implements Section 508 of the Rehabilitation Act of 1973, as amended, and is viewable at: <http://www.access-board.gov/sec508/standards.htm>)

The following standards have been determined to be applicable to this contract:

Section 1194.21 Software Applications and Operating Systems - Detail Voluntary Product Accessibility Template		
Criteria	Supporting Features	Remarks and explanations
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Partially supported	It is possible to execute most product functionality from a keyboard however not all function results are represented textually.
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Supported	The user interfaces do not attempt to disrupt or disable accessibility features of other products or the operating system.
(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes.	Partially supported	Well-defined on-screen indications of focus are provided in some cases but not all. The screen focus is not programmatically exposed.
(d) Sufficient information about a user interface element including the identity, operation and	Not supported	Information about user interface elements

state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.		(such as identity, operation and state) is not available to Assistive Technology. Information about images is not always conveyed by text.
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Supported	Images identifying user interface elements are generally used consistently throughout the product. Any inconsistencies would be considered a bug.
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Partially supported	Textual information is provided through operating system functions using the Windows graphics device interface API. The software does not make extensive use of text attributes.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Partially supported	The software has its own user-configurable color settings (e.g. background color and foreground color), and does not always respect the color/contrast/display attribute settings specified at the operating system level by the user.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Supported	Where animation is used in the software users can pause the animation.
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Partially supported	The majority of visual information that is color-coded can also be derived by looking at other information and attributes, but OPNET has not extensively tested all aspects of software to know for sure.
(j) When a product permits a user to adjust color and contrast settings, a variety of color	Supported	Standard/common color options for color and

<p>selections capable of producing a range of contrast levels shall be provided.</p>		<p>contrast settings with a wide range of selectable values are provided.</p>
<p>(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.</p>	<p>Supported</p>	<p>Software does not generate flashing text or objects other than the secondary effects of updating screen displays. The frequency of these updates is determined by CPU speed and processing rate as opposed to any specific hard-coded display frequency.</p>
<p>(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.</p>	<p>Not supported</p>	<p>Where the software uses forms, they are not accessible to most standard Windows-based Assistive Technology applications.</p>

**Section 1194.22 Web-based Internet information and applications - Detail
Voluntary Product Accessibility Template**

<p>Criteria</p>	<p>Supporting Features</p>	<p>Remarks and explanations</p>
<p>(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).</p>	<p>Partially supported</p>	<p>Certain reports generated in web form contain embedded graphic images which are graphs or charts. These do not lend themselves to any textual description. However, many reports contain textual executive summaries which summarize high-level concepts presented within the reports, with the graphical information containing detailed and supporting information that is not provided in textual form.</p>
<p>(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the</p>	<p>N/A</p>	<p>The software does not produce web pages</p>

presentation.		containing multimedia presentations.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Partially supported	Aside from embedded graphics which contain graphs and charts where color is used, most other report content is textual in nature and color is not the only method of conveying information.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supported	Web documents are generated using style sheets. Once generated, they do not require associated style sheets to be readable.
(e) Redundant text links shall be provided for each active region of a server-side image map.	N/A	Web reports are generated as static files; OPNET applications do not serve pages via active web servers.
(f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.	N/A	Web reports are generated as static files; OPNET applications do not serve pages via active web servers.
(g) Row and column headers shall be identified for data tables.	Supported	This is common practice for OPNET reports.
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.	Not supported	Tabular presentations use do not use scope attributes in their markup.
(i) Frames shall be titled with text that facilitates frame identification and navigation	Supported	Frames typically have identifying title and placement which makes it easy to determine their content and purpose.
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supported.	Reports do not make use of flashing text or animation.
(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page	N/A	The product does not generate live web data (like a web site); all web content is strictly through generated

shall be updated whenever the primary page changes.		HTML reports.
(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by Assistive Technology.	Not supported	
(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with §1194.21(a) through (l).	Supported	Web pages only require JavaScript which is part of the standard web browser, no additional applications are required.
(n) When electronic forms are designed to be completed on-line, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	N/A	Web-based data is all report output and does not require user input.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Supported	Web pages contain various shortcut links to skip repetitive navigation.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	N/A	Web-based data is for report presentation only, no user input is required.

The contractor shall not be held liable for full compliance on partially supported standards per the explanations and remarks in the above tables.

The standards do not require the installation of specific accessibility-related software or the attachment of an assistive technology device, but merely require that the EIT be compatible with such software and devices so that it can be made accessible, without significant alteration, if so required by the NRC in the future.

Within five (5) days of product delivery, the Contractor shall denote, in a comprehensive specific list, all offered EIT products (supplies and services) that fully comply with Section 508, with full details and evidence or verification of compliance. The Contractor shall ensure that all EIT products that are less than fully compliant are offered pursuant to extensive market research, which ensures that they are the most compliant products and services available to satisfy this contract's requirements.

If the NRC determines any furnished product or service is not in compliance with the contract, the Contracting Officer (CO) will promptly inform the Contractor in writing. The Contractor shall, without charge to the NRC, repair or replace the non-compliant products or services within the period of time specified in writing by the CO. If such repair or replacement is not completed within the time specified, the NRC shall have the following recourses:

Cancellation of the contract, delivery or task order, purchase of line item without termination liabilities; or

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Section C

In the case of custom EIT being developed for the NRC, the NRC shall have the right to have any necessary changes made or repairs performed, by the NRC or by another firm, and the Contractor shall reimburse the NRC for any expenses thereby incurred.

SECTION D - CONTRACT DOCUMENTS, EXHIBITS, OR ATTACHMENTS**BILLING INSTRUCTIONS FOR
FIXED PRICE CONTRACTS (JUNE 2008)**

General: 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.**

Form: 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."

Number of Copies: 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.

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

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.

Frequency: 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.

Preparation and Itemization of the Voucher/Invoice: 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:

1. 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."

Currency: 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.