

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES
1 2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

BPA NO.

1. DATE OF ORDER 06-28-2006		2. CONTRACT NO. (If any) GS24F0032L		6. SHIP TO:	
3. ORDER NO. DR-02-06-011		MODIFICATION NO.		4. REQUISITION/REFERENCE NO. NMS-06-011	
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Division of Contracts/CMB3 ATTN: Michael Turner Two White Flint North - MS T-7-I-2 Washington, DC 20555				a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission NMSS/PMDA/RASE	
				b. STREET ADDRESS ATTN: Brenda Dubose Mail Stop, T-8-A-23	
				c. CITY Washington	d. STATE DC
				e. ZIP CODE 20555	

7. TO:		f. SHIP VIA	
a. NAME OF CONTRACTOR LANDAUER INC		8. TYPE OF ORDER	

b. COMPANY NAME		<input type="checkbox"/> a. PURCHASE Reference your _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.		<input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery/task order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
c. STREET ADDRESS 2 SCIENCE RD					
d. CITY GLENWOOD	e. STATE IL	f. ZIP CODE 604251586			

9. ACCOUNTING AND APPROPRIATION DATA B&R#: 6-5015-344-232 JOB CODE#: J5585 BOC#: 252A APPN#: 31X0200 FFS#: 5006R0100 CONTRACTOR DUNS#: 189807159		\$8,462.50		10. REQUISITIONING OFFICE NMS NMSS/PMDA/RASE	
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11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL	<input checked="" type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED		
<input type="checkbox"/> d. WOMEN-OWNED	<input type="checkbox"/> e. HUBZone	<input type="checkbox"/> f. EMERGING SMALL BUSINESS			

13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) As Stated in SOW		16. DISCOUNT TERMS Net 30	
a. INSPECTION	b. ACCEPTANCE						

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
	<p>The Contractor shall provide the U.S. Nuclear Regulatory Commission with Radiation Monitoring Services in accordance with GSA Schedule Contract No. GS24F0032L, the attached Statement of Work (Enclosure No. 2), and Landauer's offer dated, May 31, 2006, at the prices contained in the Schedule of Supplies/Services/Costs (Enclosure No. 1).</p> <p>This order shall be effective June 28, 2006, through June 27, 2007, for the total estimated amount (ceiling) of \$8,462.50. The amount presently obligated with respect to this order is \$8,462.50 as reflected under Subsection B.2, Consideration and Obligation of Enclosure No. 1.</p> <p>There are four option periods. The total estimated amounts (ceilings) are as follows: Option Year 1, \$8,462.50; Option Year 2, \$8,462.50; Option Year 3, \$8,462.50; and Option Year 4, \$8,462.50. The total estimated ceiling including option periods is \$42,312.50.</p>					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		\$8,462.50	17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:							
	a. NAME U.S. Nuclear Regulatory Commission Division of Contracts						17(i). GRAND TOTAL	
	b. STREET ADDRESS (or P.O. Box) Mail Stop T-7-I-2 DR-02-06-011							
c. CITY Washington		d. STATE DC	e. ZIP CODE 20555				\$8,462.50	

22. UNITED STATES OF AMERICA BY (Signature) 		23. NAME (Typed) Michael A. Turner, Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER	
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A.1 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.2 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.

(End of Clause)

B.1 SCHEDULE OF SUPPLIES/SERVICES/COSTS

Orders will be issued for work required by the NRC in accordance with Subsection C.23 52.216-18 - Ordering. Only Contracting Officers of the NRC or other individuals specifically authorized under this contract may authorize the initiation of work under this contract. The provisions of this contract shall govern all orders issued hereunder.

The Contractor shall provide the following supplies which shall include all costs necessary to ensure delivery of the Individual Monitoring Devices (IMDs); all necessary written instructions for the proper use of the IMDs; processing of the returned IMDs for evaluation of radiation exposure; and providing the evaluation reports to the appropriate RSO, as required under Subsection C.4 - Work Requirements and Schedule of the Statement of Work.

BASE CONTRACT PERIOD (YEAR ONE)

CLIN 001 (Refer to Paragraph C.4.4)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 750.00
Region I	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$1375.00
Region II	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 875.00
Region III	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 875.00
Region IV	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$1000.00
Technical Training Center	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 125.00
TOTAL AMOUNT NOT TO EXCEED		[REDACTED]	[REDACTED]	\$5000.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 4,000 Beta-Gamma IMDs during the base year of this contract.

BASE CONTRACT YEAR (YEAR ONE - Continued)**CLIN 002 (Refer to Paragraph C.4.4)**

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters	Beta-Gamma Neutron IMDs			\$ 180.00
Region I	Beta-Gamma Neutron IMDs			\$1080.00
Region II	Beta-Gamma Neutron IMDs			\$ 945.00
Region III	Beta-Gamma Neutron IMDs			\$ 720.00
Region IV	Beta-Gamma Neutron IMDs			\$ 450.00
Technical Training Center	Beta-Gamma Neutron IMDs			\$ 0.00
TOTAL AMOUNT NOT TO EXCEED				\$3375.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 750 Beta-Gamma-Neutron IMDs during the base year of this contract.

CLIN 003 (Refer to Paragraph C.4.8a)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV Technical Training Center	Finger Ring for Beta and Gamma Radiation Monitoring			\$ 12.50
TOTAL AMOUNT NOT TO EXCEED				\$ 12.50

It is anticipated that the above estimated quantities required by the NRC, on an as needed basis, and delivered by the Offeror shall not exceed a total of 10 Beta-Gamma extremity monitoring ("finger rings") during the base year of this contract.

CLIN 004 (Refer to Paragraph C.4.8b)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Emergency Processing for Beta-Gamma IMDs; Beta- Gamma Neutron IMDs; and Finger Rings for Beta and Gamma Radiation Monitoring		\$	\$No Charge
TOTAL AMOUNT NOT TO EXCEED				\$ 0.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 10 IMDs requiring emergency processing during the base year of the contract.

CLIN 005 (Refer to Paragraph C.4.8c)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Lost or Damaged IMDs and holders for all IMDs			\$ 75.00
TOTAL AMOUNT NOT TO EXCEED				\$ 75.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 25 during the base year of the contract.

CLIN 006 (Refer to Paragraph C.4.8d)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Litigation Services		\$ No Cost	\$ No Cost
TOTAL AMOUNT NOT TO EXCEED				\$ No Cost

CLIN 007 (Refer to Paragraph C.4.8e)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Updates and Corrections to Individual Dosimetry Records and Account Information		\$ No Cost	\$ No Cost
TOTAL AMOUNT NOT TO EXCEED				\$ No Cost

TOTAL ESTIMATED COST OF THE BASE YEAR:**\$8462.50**

OPTION YEAR ONE (CONTRACT YEAR TWO)**CLIN 008** (Refer to Paragraph C.4.4)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 750.00
Region I	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$1375.00
Region II	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 875.00
Region III	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 875.00
Region IV	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$1000.00
Technical Training Center	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 125.00
TOTAL AMOUNT NOT TO EXCEED		[REDACTED]	[REDACTED]	\$5000.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 4,000 Beta-Gamma IMDs during the base year of this contract.

CLIN 009 (Refer to Paragraph C.4.4)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters	Beta-Gamma Neutron IMDs	[REDACTED]	[REDACTED]	\$ 180.00
Region I	Beta-Gamma Neutron IMDs	[REDACTED]	[REDACTED]	\$1080.00
Region II	Beta-Gamma Neutron IMDs	[REDACTED]	[REDACTED]	\$ 945.00
Region III	Beta-Gamma Neutron IMDs	[REDACTED]	[REDACTED]	\$ 720.00
Region IV	Beta-Gamma Neutron IMDs	[REDACTED]	[REDACTED]	\$ 450.00
Technical Training Center	Beta-Gamma Neutron IMDs	0	\$0.00	\$ 0.00
TOTAL AMOUNT NOT TO EXCEED		[REDACTED]	[REDACTED]	\$3375.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 750 Beta-Gamma-Neutron IMDs during the base year of this contract.

CLIN 010 (Refer to Paragraph C.4.8a)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV Technical Training Center	Finger Ring for Beta and Gamma Radiation Monitoring			\$ 12.50
TOTAL AMOUNT NOT TO EXCEED				\$ 12.50

It is anticipated that the above estimated quantities required by the NRC, on an as needed basis, and delivered by the Offeror shall not exceed a total of 10 Beta-Gamma extremity monitoring ("finger rings") during the base year of this contract.

CLIN 011 (Refer to Paragraph C.4.8b)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Emergency Processing for Beta-Gamma IMDs; Beta- Gamma Neutron IMDs; and Finger Rings for Beta and Gamma Radiation Monitoring		\$	\$No Charge
TOTAL AMOUNT NOT TO EXCEED				\$ 0.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 10 IMDs requiring emergency processing during the base year of the contract.

CLIN 012 (Refer to Paragraph C.4.8c)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Lost or Damaged IMDs and holders for all IMDs			\$ 75.00
TOTAL AMOUNT NOT TO EXCEED				\$ 75.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 25 during the base year of the contract.

CLIN 013 (Refer to Paragraph C.4.8d)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Litigation Services		\$ No Cost	\$ No Cost
TOTAL AMOUNT NOT TO EXCEED				\$ No Cost

CLIN 014 (Refer to Paragraph C.4.8e)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Updates and Corrections to Individual Dosimetry Records and Account Information		\$ No Cost	\$ No Cost
TOTAL AMOUNT NOT TO EXCEED				\$ No Cost

TOTAL ESTIMATED COST OF OPTION YEAR ONE:

\$8462.50

OPTION YEAR TWO (CONTRACT YEAR THREE)**CLIN 015** (Refer to Paragraph C.4.4)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 750.00
Region I	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$1375.00
Region II	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 875.00
Region III	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 875.00
Region IV	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$1000.00
Technical Training Center	Beta-Gamma IMDs	[REDACTED]	[REDACTED]	\$ 125.00
TOTAL AMOUNT NOT TO EXCEED		[REDACTED]	[REDACTED]	\$5000.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 4,000 Beta-Gamma IMDs during the base year of this contract.

CLIN 016 (Refer to Paragraph C.4.4)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters	Beta-Gamma Neutron IMDs	[REDACTED]	[REDACTED]	\$ 180.00
Region I	Beta-Gamma Neutron IMDs	[REDACTED]	[REDACTED]	\$1080.00
Region II	Beta-Gamma Neutron IMDs	[REDACTED]	[REDACTED]	\$ 945.00
Region III	Beta-Gamma Neutron IMDs	[REDACTED]	[REDACTED]	\$ 720.00
Region IV	Beta-Gamma Neutron IMDs	[REDACTED]	[REDACTED]	\$ 450.00
Technical Training Center	Beta-Gamma Neutron IMDs	0	\$0.00	\$ 0.00
TOTAL AMOUNT NOT TO EXCEED		[REDACTED]	[REDACTED]	\$3375.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 750 Beta-Gamma-Neutron IMDs during the base year of this contract.

CLIN 017 (Refer to Paragraph C.4.8a)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV Technical Training Center	Finger Ring for Beta and Gamma Radiation Monitoring			\$ 12.50
TOTAL AMOUNT NOT TO EXCEED				\$ 12.50

It is anticipated that the above estimated quantities required by the NRC, on an as needed basis, and delivered by the Offeror shall not exceed a total of 10 Beta-Gamma extremity monitoring ("finger rings") during the base year of this contract.

CLIN 018 (Refer to Paragraph C.4.8b)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Emergency Processing for Beta-Gamma IMDs; Beta- Gamma Neutron IMDs; and Finger Rings for Beta and Gamma Radiation Monitoring		\$	\$No Charge
TOTAL AMOUNT NOT TO EXCEED				\$ 0.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 10 IMDs requiring emergency processing during the base year of the contract.

CLIN 019 (Refer to Paragraph C.4.8c)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Lost or Damaged IMDs and holders for all IMDs			\$ 75.00
TOTAL AMOUNT NOT TO EXCEED				\$ 75.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 25 during the base year of the contract.

CLIN 020 (Refer to Paragraph C.4.8d)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Litigation Services		\$ No Cost	\$ No Cost
TOTAL AMOUNT NOT TO EXCEED				\$ No Cost

CLIN 021 (Refer to Paragraph C.4.8e)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Updates and Corrections to Individual Dosimetry Records and Account Information		\$ No Cost	\$ No Cost
TOTAL AMOUNT NOT TO EXCEED				\$ No Cost

TOTAL ESTIMATED COST OF OPTION YEAR TWO:

\$8462.50

OPTION YEAR THREE (CONTRACT YEAR FOUR)**CLIN 022** (Refer to Paragraph C.4.4)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters	Beta-Gamma IMDs			\$ 750.00
Region I	Beta-Gamma IMDs			\$1375.00
Region II	Beta-Gamma IMDs			\$ 875.00
Region III	Beta-Gamma IMDs			\$ 875.00
Region IV	Beta-Gamma IMDs			\$1000.00
Technical Training Center	Beta-Gamma IMDs			\$ 125.00
TOTAL AMOUNT NOT TO EXCEED				\$5000.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 4,000 Beta-Gamma IMDs during the base year of this contract.

CLIN 023 (Refer to Paragraph C.4.4)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters	Beta-Gamma Neutron IMDs			\$ 180.00
Region I	Beta-Gamma Neutron IMDs			\$1080.00
Region II	Beta-Gamma Neutron IMDs			\$ 945.00
Region III	Beta-Gamma Neutron IMDs			\$ 720.00
Region IV	Beta-Gamma Neutron IMDs			\$ 450.00
Technical Training Center	Beta-Gamma Neutron IMDs	0	\$0.00	\$ 0.00
TOTAL AMOUNT NOT TO EXCEED				\$3375.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 750 Beta-Gamma-Neutron IMDs during the base year of this contract.

CLIN 024 (Refer to Paragraph C.4.8a)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV Technical Training Center	Finger Ring for Beta and Gamma Radiation Monitoring			\$ 12.50
TOTAL AMOUNT NOT TO EXCEED				\$ 12.50

It is anticipated that the above estimated quantities required by the NRC, on an as needed basis, and delivered by the Offeror shall not exceed a total of 10 Beta-Gamma extremity monitoring ("finger rings") during the base year of this contract.

CLIN 025 (Refer to Paragraph C.4.8b)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Emergency Processing for Beta-Gamma IMDs; Beta- Gamma Neutron IMDs; and Finger Rings for Beta and Gamma Radiation Monitoring		\$	\$No Charge
TOTAL AMOUNT NOT TO EXCEED				\$ 0.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 10 IMDs requiring emergency processing during the base year of the contract.

CLIN 026 (Refer to Paragraph C.4.8c)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Lost or Damaged IMDs and holders for all IMDs			\$ 75.00
TOTAL AMOUNT NOT TO EXCEED				\$ 75.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 25 during the base year of the contract.

CLIN 027 (Refer to Paragraph C.4.8d)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Litigation Services		\$ No Cost	\$ No Cost
TOTAL AMOUNT NOT TO EXCEED				\$ No Cost

CLIN 028 (Refer to Paragraph C.4.8e)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Updates and Corrections to Individual Dosimetry Records and Account Information		\$ No Cost	\$ No Cost
TOTAL AMOUNT NOT TO EXCEED				\$ No Cost

TOTAL ESTIMATED COST OF OPTION YEAR THREE:

\$8462.50

OPTION YEAR FOUR (CONTRACT YEAR FIVE)**CLIN 029** (Refer to Paragraph C.4.4)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters	Beta-Gamma IMDs			\$ 750.00
Region I	Beta-Gamma IMDs			\$1375.00
Region II	Beta-Gamma IMDs			\$ 875.00
Region III	Beta-Gamma IMDs			\$ 875.00
Region IV	Beta-Gamma IMDs			\$1000.00
Technical Training Center	Beta-Gamma IMDs			\$ 125.00
TOTAL AMOUNT NOT TO EXCEED				\$5000.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 4,000 Beta-Gamma IMDs during the base year of this contract.

CLIN 030 (Refer to Paragraph C.4.4)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters	Beta-Gamma Neutron IMDs			\$ 180.00
Region I	Beta-Gamma Neutron IMDs			\$1080.00
Region II	Beta-Gamma Neutron IMDs			\$ 945.00
Region III	Beta-Gamma Neutron IMDs			\$ 720.00
Region IV	Beta-Gamma Neutron IMDs			\$ 450.00
Technical Training Center	Beta-Gamma Neutron IMDs	0	\$0.00	\$ 0.00
TOTAL AMOUNT NOT TO EXCEED				\$3375.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 750 Beta-Gamma-Neutron IMDs during the base year of this contract.

CLIN 031 (Refer to Paragraph C.4.8a)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV Technical Training Center	Finger Ring for Beta and Gamma Radiation Monitoring			\$ 12.50
TOTAL AMOUNT NOT TO EXCEED				\$ 12.50

It is anticipated that the above estimated quantities required by the NRC, on an as needed basis, and delivered by the Offeror shall not exceed a total of 10 Beta-Gamma extremity monitoring ("finger rings") during the base year of this contract.

CLIN 032 (Refer to Paragraph C.4.8b)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Emergency Processing for Beta-Gamma IMDs; Beta-Gamma Neutron IMDs; and Finger Rings for Beta and Gamma Radiation Monitoring		\$	\$No Charge
TOTAL AMOUNT NOT TO EXCEED				\$ 0.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 10 IMDs requiring emergency processing during the base year of the contract.

CLIN 033 (Refer to Paragraph C.4.8c)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Lost or Damaged IMDs and holders for all IMDs			\$ 75.00
TOTAL AMOUNT NOT TO EXCEED				\$ 75.00

It is anticipated that the above estimated quantities required by the NRC and delivered by the Offeror shall not exceed a total of 25 during the base year of the contract.

CLIN 034 (Refer to Paragraph C.4.8d)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Litigation Services		\$ No Cost	\$ No Cost
TOTAL AMOUNT NOT TO EXCEED				\$ No Cost

CLIN 035 (Refer to Paragraph C.4.8e)

LOCATION	SUPPLIES	ESTIMATED QUANTITY	FIXED UNIT PRICE	TOTAL EST. COST
Headquarters Region I Region II Region III Region IV TTC	Updates and Corrections to Individual Dosimetry Records and Account Information		\$ No Cost	\$ No Cost
TOTAL AMOUNT NOT TO EXCEED				\$ No Cost

TOTAL ESTIMATED COST OF OPTION YEAR FOUR:

\$8462.50

B.2 CONSIDERATION AND OBLIGATION

(a) The total estimated amount of this delivery order (ceiling) for the products/services ordered, delivered, and accepted under this delivery is **\$8,462.50**. The Contracting Officer may unilaterally increase this amount as necessary for orders to be placed with the contractor during the contract period provided such orders are within any maximum ordering limitation prescribed under this delivery order.

(b) The amount presently obligated with respect to this delivery is **\$8,462.50**. The Contracting Officer may issue orders for work up to the amount presently obligated. This obligated amount may be unilaterally increased from time to time by the Contracting Officer by written modification to this delivery order. The obligated amount shall, at no time, exceed the contract ceiling as specified in paragraph a above. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, the Contractor shall not be obligated to continue performance of the work unless and until the Contracting Officer shall increase the amount obligated with respect to this contract. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk.

STATEMENT OF WORK
NRC PERSONNEL RADIATION MONITORING PROGRAM
Job Code J5537
Fee Recoverable: No

C.1 BACKGROUND

The U.S. Nuclear Regulatory Commission (NRC) is a Federal regulatory agency with approximately 1,000 personnel who require the use of individual monitoring devices ("IMDs") for monitoring ionizing radiation in the performance of their duties. Personnel are located in the Headquarters Office and four (4) Regional Offices, a training center, and resident inspectors at large reactor and fuel cycle facilities throughout the United States.

NRC personnel are exposed to a wide variety of ionizing radiations during inspections and site visits at NRC licensed facilities and field sites where NRC licensed operations are being conducted. Evaluation reports on these occupational exposures are downloaded into the REMIT database, which is an NRC System of Records.

C.2 OBJECTIVE

The objective of this contract is to provide individuals who require radiation monitoring with proper monitoring devices that record the occupational exposure received in the performance of their duty. The monitoring devices are to be provided to the appropriate NRC Radiation Safety Officer (RSO) by the contractor and returned to the contractor for processing and evaluation. Reports of these evaluations shall be generated by the contractor and sent to the appropriate RSO in the Headquarters and Regional Office maintaining the radiation exposure records for the individual.

C.3 SCOPE OF WORK

To achieve the objective of this contract, the contractor shall provide qualified personnel and materials necessary to:

1. Provide and deliver IMDs to RSOs at headquarters and regional offices on a quarterly basis. On occasion, a shorter monitoring period may be requested for specific individuals, such as monitoring on a monthly basis.
2. Process IMDs returned to the contractor for evaluation of radiation exposure; and
3. Provide evaluation reports, generated by the contractor, to RSOs at Headquarters and Regional Offices.

C.4 WORK REQUIREMENTS AND SCHEDULE

Individual Monitoring Devices

1. Specifications for Personnel Monitoring - The contractor shall provide IMDs to NRC for the purpose of determining the deep dose equivalent (DDE), lens dose equivalent (LDE), shallow dose equivalent, whole body (SDE, WB), and shallow dose equivalent, maximum exposed-extremity (SDE, ME) to its personnel. The IMDs shall have, as a minimum, the capability to detect beta-gamma radiation in accordance with the criteria of the latest applicable National Voluntary Laboratory Accreditation Program (NVLAP) for radiation dosimetry. In addition, the contractor shall provide the additional capability of detecting neutrons with a fission energy spectrum similar to that found in a nuclear reactor facility. This neutron detection capability shall also be in accordance with the criteria of the latest applicable NVLAP criteria for neutron dosimetry. The IMDs shall be processed in a program that is accredited by the current National Institute of Standards and Technology, NVLAP for appropriate categories of ANSI Standard 13.11. During the period of the contract, the contractor shall maintain a Certificate of Accreditation from NVLAP in accordance with the provisions of 10 CFR 20.1501(c). The contractor shall provide written notification of, and address any change to, their NVLAP accreditation during the term of this contract to the NRC Technical Project Manager (NRC TPM) within ten (10) working days of NVLAP accreditation change. Loss of, or significant change in, NVLAP accreditation may be considered grounds for discontinuance of the contract. Each dosimeter shall be capable of detecting the radiations listed, and be reportable for, beta-gamma radiation as specified in the following table, regardless of the lower limit of detection:

Radiation	Energy Range	Dose Range	Error Limits
x-ray, gamma	0.01 - 10 MeV	0.001 - 500 rems	NVLAP limits
beta	>1.5 MeV	0.01 - 500 rems	NVLAP limits

The contractor shall supply any appropriate holders and all necessary instructions for the proper use of the IMDs. IMDs shall be designed for attachment to clothing in a manner that allows the user to attach and remove them but impedes unintentional removal. The contractor shall also provide a means by which it shall account for any and all in-transit exposures detected by IMDs (assuming that interpretation of the dose equivalent is performed at a facility maintained by the contractor), such that this in-transit exposure shall be deleted from the dose equivalent assigned to the individual user of the IMD. This requirement shall apply to IMDs that are in transit for the purpose of routine exchanges/returns, emergency exchanges/returns, and late exchanges/returns.

2. Wear Period - The wear period for most personnel is expected to be quarterly, but up to five (5) percent of the total may be monthly.

3. IMD Markings and Assignment - Each IMD shall be labeled with a unique serial number and the assigned wear period. The label shall have a color code for rapid identification of the wear period and be resistant to fading/smearing. Both IMDs assigned to individuals by name, and unassigned IMDs, shall be provided as requested. Assigned IMDs shall be labeled with the individual employee's name in addition to the serial number and wear period indicator.

For individuals not routinely monitored during the calendar quarter, NRC will provide the contractor, in writing by regular mail, facsimile or electronic mail, with the name and social security number of each individual issued an originally unassigned IMD during the wear period, and the period it was worn. The contractor shall perform a one-time assignment of the results of these IMDs to the appropriate individuals. Unassigned IMDs shall remain unassigned unless a permanent assignment is requested by NRC.

4. Delivery of IMDs - The contractor shall deliver an estimated 4,000 beta-gamma and 750 beta-gamma-neutron IMDs per year and at the request of the authorized individuals listed below. Addresses for the deliverables are contained in Section E.1. below. The contractor shall provide the requested number and type of IMDs at least 21 days before the beginning of the assigned wear period. The contractor shall provide, with each IMD shipment, a written list reflecting the serial number and assigned name (if any) of each IMD in the shipment. The contractor shall be able to change IMD assignments received from the RSO, on 10 days notice, by telephone, written request via regular mail, facsimile or electronic mail.

The following individuals are authorized to assign IMDs for new personnel. These individuals are not authorized to make a request for any deliverable item(s) outside the scope of this contract without the approval of the NRC Contracting Officer.

Authorized Individuals

- a. Radiation Safety Officer, NRC Region I
475 Allendale Road, King of Prussia, PA 19406-1415
- b. Radiation Safety Officer, NRC Region II
Sam Nunn Atlanta Federal Center, 23 T85
61 Forsyth Street, SW, Atlanta, GA 30303-8931
- c. Radiation Safety Officer, NRC Region III
2443 Warrenville Road, Suite 210, Lisle, IL 60532-4352
- d. Radiation Safety Officer, NRC Region IV
Texas Health Resources Tower
611 Ryan Plaza, Suite 400, Arlington, TX 76011-4005

- e. Radiation Safety Officer, NRC Headquarters
Office of Nuclear Material Safety and Safeguards (NMSS)
Mailstop T8-F5, 11555 Rockville Pike, Rockville, MD 20852
 - f. Radiation Safety Officer, NRC Headquarters
Office of Nuclear Reactor Regulation (NRR)
Mailstop O6-H2, 11555 Rockville Pike, Rockville, MD 20852
 - g. Dosimetry Representative, Technical Training Center
Osborne Office Center, 5746 Marlin Road, Suite 200
Chattanooga, TN 37411-5677
5. Return of IMDs - Each NRC RSO will return IMDs within fifteen (15) days after the end of the wear period at the expense of the Government. The contractor shall notify the NRC TPM if a return shipment has not been received from an NRC RSO within twenty (20) days after the end of a wear period.
6. Evaluation of IMDs - The IMDs shall be evaluated by the contractor within ten (10) days after they are received at the contractor's facility. The contractor shall notify the appropriate RSO by telephone as soon as possible but not later than one (1) working day after the evaluation of an IMD if it exceeds any of the Level I doses specified below. This notification shall be by direct contact with the appropriate RSO or the RSO's designated representative (not a voice mail message). Upon contract award, the Technical Project Manager will provide the names of the RSO to the contractor within seven (7) days of contract award. The contractor shall transmit, by overnight mail, a report of the results within one (1) working day of the telephone notification. If an IMD evaluation exceeds any of the Level II doses specified below, or indicates gross contamination, the contractor shall assign a physicist or other expert who is experienced in evaluating exposure readings to conduct a comprehensive evaluation of the IMD at no additional cost to the Government. This evaluation shall be completed and a written report provided to the appropriate RSO within one (1) working day of the telephone notification.

Investigation Levels

Level I	Level II	
125 mrem	375 mrem	Whole Body
375 mrem	1125 mrem	Lens of the eye
1275 mrem	3750 mrem	Extremity (SD,ME)
1275 mrem	3750 mrem	Skin of whole body (SD, WB)

7. Reports - The contractor shall provide each RSO with a written report of the exposures of individuals in the RSO's office within fifteen (15) days after receipt of the IMDs in the contractor's facility. In addition, the contractor shall provide each RSO with an electronic report containing the same information transmitted to individual RSO's during the previous calendar quarter within forty-five (45) days after the end of the calendar quarter. The electronic report shall be

provided on a 3.5 inch, high density diskette(s) or on CD-ROM. The contractor shall supply the quarterly or incremental dose records in an electronic format compatible with the NRC's REMIT software module for the importing of dosimetry processor records. REMIT format specifications are listed in Attachment 1. Additional information about REMIT is located on the internet at <http://www.reirs.com/details.htm>.

Corrections to dose records for prior periods that have already been reported to the NRC shall be submitted in a separate file with a note or indication that the file contains corrected records for a prior period, and shall be at no additional cost to the Government.

8. Additional Services - The contractor shall also provide the following services as needed:
- a. Beta-Gamma extremity monitoring ("finger rings") shall be provided upon request by authorized individuals to the locations specified (estimate 10 per year);
 - b. Emergency processing of IMDs equivalent to routine processing in quality, but within twenty-four (24) hours of receipt at the contractor's facility regardless of the time of day or day of the week (estimate 4 per year). Results of the processing shall be provided immediately by telephone to the appropriate RSO and confirmed in writing within one (1) week.
 - c. Lost or damaged IMDs/holders shall be replaced upon request of the authorized individuals.
 - d. In the event of litigation as a result of alleged radiation overexposure of any individual provided an IMD under this contract, the contractor shall cooperate fully by providing experts and witnesses to testify as to the methods and techniques used in the preparation and processing of the IMD. It is understood that this cooperation shall entail no additional expense to the Government.
 - e. When requested, the contractor shall update and correct individual dosimetry records and account information within two weeks of the request. This shall include transferring an employee's data information from one account/group to another when requested. Transfers shall include the employee's entire dosimetry history. This account maintenance activity shall entail no additional expense to the Government. IMDs shall be delivered to the addresses listed in Section E.1.

C.5 DELIVERABLES

1. IMDs shall be delivered to the following locations:

- a. NRC Region I, 475 Allendale Road, King of Prussia, PA 19406-1415
 - b. NRC Region II, Sam Nunn Atlanta Federal Center, 23 T85, 61 Forsyth Street, SW, Atlanta, GA 30303-8931
 - c. NRC Region III, 2443 Warrenville Road, Suite 210, Lisle, IL 60532-4352
 - d. NRC Region IV, Texas Health Resources Tower, 611 Ryan Plaza, Suite 400, Arlington, TX 76011-4005
 - e. NRC Headquarters, Administrative Services Center, 11555 Rockville Pike, Rockville, MD 20852
 - f. NRC Technical Training Center, Osborne Office Center, 5746 Marlin Road, Suite 200, Chattanooga, TN 37411-5677
2. Written dosimetry reports shall be delivered to the appropriate RSO at the addresses specified in Section B.4. above.
 3. The computer disk(ettes) containing the quarterly electronic dosimetry report shall be delivered to the appropriate RSO at the addresses specified in Section B.4. above. When submitting the electronic dosimetry report, a transmittal letter should accompany it with the following information provided:
 - NRC region or office;
 - File name;
 - Date created;
 - Operating system used;
 - Contact name and phone number;
 - Other instructions needed to process the records. Note any records that are corrections for prior wear periods; and
 - Signature and date for the processor's authorized representative.

C.6 MEETINGS AND TRAVEL

There are no travel requirements for the work specified, except in the event of litigation as a result of alleged radiation overexposure of any individual provided an IMD under this contract; the contractor shall cooperate fully by providing experts and witnesses to testify as to the methods and techniques used in the preparation and processing of the IMD. It is understood that this cooperation shall entail no additional expense to the Government.

C.7 PERIOD OF PERFORMANCE

The period of performance for this contract shall commence on June 28, 2006, and will expire June 27, 2007. This contract may be extended at the option of the Government for four (4) additional one-year periods.

C.8 GOVERNMENT-FURNISHED MATERIALS

If necessary, a hard copy list of employee information (name, social security number, type of dosimeter required, etc.) for each of the five main NRC offices will be provided to the contractor by the NRC within two (2) weeks of the effective date of this contract. This list may also be made available electronically.

C.9 PROJECT OFFICER AUTHORITY

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

Name: Brenda J. Dubose
Address: U.S. Nuclear Regulatory Commission
NMSS/PMDA/RASB
Mail-Stop T-8A23
Washington, DC 20555

Telephone Number: (301) 415-6578

(b) Performance of the work under this contract is subject to the technical direction of the NRC project officer. The term "technical direction" is defined to include the following:

(1) Technical direction to the contractor which shifts work emphasis between areas of work or tasks, authorizes travel which was unanticipated in the Schedule (i.e., travel not contemplated in the Statement of Work (SOW) or changes to specific travel identified in the SOW), fills in details, or otherwise serves to accomplish the contractual SOW.

(2) Provide advice and guidance to the contractor in the preparation of drawings, specifications, or technical portions of the work description.

(3) Review and, where required by the contract, approval of technical reports, drawings, specifications, and technical information to be delivered by the contractor to the Government under the contract.

(c) Technical direction must be within the general statement of work stated in the contract. The project officer does not have the authority to and may not issue any technical direction which:

(1) Constitutes an assignment of work outside the general scope of the contract.

(2) Constitutes a change as defined in the "Changes" clause of this contract.

(3) In any way causes an increase or decrease in the total estimated contract cost, the fixed fee, if any, or the time required for contract performance.

(4) Changes any of the expressed terms, conditions, or specifications of the contract.

(5) Terminates the contract, settles any claim or dispute arising under the contract, or issues any unilateral directive whatever.

(d) All technical directions must be issued in writing by the project officer or must be confirmed by the project officer in writing within ten (10) working days after verbal issuance. A copy of the written direction must be furnished to the contracting officer. A copy of NRC Form 445, Request for Approval of Official Foreign Travel, which has received final approval from the NRC must be furnished to the contracting officer.

(e) The contractor shall proceed promptly with the performance of technical directions duly issued by the project officer in the manner prescribed by this clause and within the project officer's authority under the provisions of this clause.

(f) If, in the opinion of the contractor, any instruction or direction issued by the project officer is within one of the categories as defined in paragraph (c) of this section, the contractor may not proceed but shall notify the contracting officer in writing within five (5) working days after the receipt of any instruction or direction and shall request the contracting officer to modify the contract accordingly. Upon receiving the notification from the contractor, the contracting officer shall issue an appropriate contract modification or advise the contractor in writing that, in the contracting officer's opinion, the technical direction is within the scope of this article and does not constitute a change under the "Changes" clause.

(g) Any unauthorized commitment or direction issued by the project officer may result in an unnecessary delay in the contractor's performance and may even result in the contractor expending funds for unallowable costs under the contract.

(h) A failure of the parties to agree upon the nature of the instruction or direction or upon the contract action to be taken with respect thereto is subject to 52.233.1 . Disputes.

(i) In addition to providing technical direction as defined in paragraph (b) of the section, the project officer shall:

(1) Monitor the contractor's technical progress, including surveillance and assessment of performance, and recommend to the contracting officer changes in requirements.

(2) Assist the contractor in the resolution of technical problems encountered during performance.

(3) Review all costs requested for reimbursement by the contractor and submit to the contracting officer recommendations for approval, disapproval, or suspension of payment for supplies and services required under this contract.

(4) Assist the contractor in obtaining the badges for the contractor personnel.

(5) 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."

(6) Ensure that all contractor employees that require access to classified Restricted Data or National Security Information or matter, access to sensitive unclassified information (Safeguards, Official Use Only, and Proprietary information) access to sensitive IT systems or

data, unescorted access to NRC controlled buildings/space, or unescorted access to protected and vital areas of nuclear power plants receive approval of SB/DFS prior to access in accordance with Management Directive and Handbook 12.3.

NRC TECHNICAL DIRECTION

NRC Project Officer: Brenda J. Dubose
U.S. Nuclear Regulatory Commission
NMSS/PMDA/RASB
Mail-Stop, T-8A23
Washington, DC 20555

NRC TPM: Joseph E. Decicco
U.S. Nuclear Regulatory Commission
NMSS/IMNS
Mailstop T8-F5
Washington DC 20555

C.10 52.224-1 PRIVACY ACT NOTIFICATION (APR 1984)

The contractor shall be required to design, develop, or operate a system of records on individuals, to accomplish an agency function subject to the Privacy Act of 1974, Public Law 93-579, December 31, 1974 (5 U.S.C. 552a) and applicable agency regulations. Violation of the Act may involve the imposition of criminal penalties.

C.11 52.224-2 PRIVACY ACT (APR 1984)

- (a) The contractor agrees to—
 - (1) Comply with the Privacy Act of 1974 (the Act) and the agency rules and regulations issued under the Act in the design, development, or operation of any system of records on individuals to accomplish an agency function when the contract specifically identifies—
 - (i) The system of records; and
 - (ii) The design, development, or operation work that the contractor is to perform;
 - (2) Include the Privacy Act notification contained in this contract in every solicitation and resulting subcontract and in every subcontract awarded without a solicitation, when the work statement in the proposed subcontract requires the design, development, or operation of a system of records on individuals that is subject to the Act; and
 - (3) Include this clause, including this subparagraph (3), in all subcontracts awarded under this contract which requires the design, development, or operation of such a system of records.
- (b) In the event of violations of the Act, a civil action may be brought against the agency involved when the violation concerns the design, development, or operation of a system

of records on individuals to accomplish an agency function, and criminal penalties may be imposed upon the officers or employees of the agency when the violation concerns the operation of a system of records on individuals to accomplish an agency function. For purposes of the Act, when the contract is for the operation of a system of records on individuals to accomplish an agency function, the contractor and any employee of the contractor is considered to be an employee of the agency.

- (c)(1) "Operation of a system of records," as used in this clause, means performance of any of the activities associated with maintaining the system of records, including the collection, use, and dissemination of records.
- (2) "Record," as used in this clause, means any item, collection, or grouping of information about an individual that is maintained by an agency, including, but not limited to, education, financial transactions, medical history, and criminal or employment history and that contains the person's name, or the identifying number, symbol, or other identifying particular assigned to the individual, such as a fingerprint or voice print or a photograph.
- (3) "Systems of records on individuals," as used in this clause, means a group of any records under the control of any agency from which information is retrieved by the name of the individual or by some identifying number, symbol, or other identifying particular assigned to the individual.

C.12 CONTINUITY OF SERVICES

- (a) The contractor recognizes that the services under this contract are vital to the Government and must be continued without interruption and that, upon contract expiration, a successor, either the Government or another contractor, may continue them. The contractor agrees to exercise its best efforts and cooperation to effect an orderly and efficient transition to a successor.
- (b) The contractor shall allow as many personnel as practicable to remain on the job to help the successor maintain the continuity and consistency of the services required by this contract. The contractor also shall disclose necessary personnel records and allow the successor to conduct on-site interviews with these employees. If selected employees are agreeable to the change, the contractor shall release them at a mutually agreeable date.

C.13 2052.204.70 SECURITY

(a) Contract Security and/or Classification Requirements (NRC Form 187). The policies, procedures, and criteria of the NRC Security Program, NRC Management Directive (MD) 12 (including MD 12.1, "NRC Facility Security Program;" MD 12.2, "NRC Classified Information Security Program;" MD 12.3, "NRC Personnel Security Program;" MD 12.4, "NRC Telecommunications Systems Security Program;" MD 12.5, "NRC Automated Information Systems Security Program;" and MD 12.6, "NRC Sensitive Unclassified Information Security Program"), apply to performance of this contract, subcontract or other activity. This MD is incorporated into this contract by reference as though fully set forth herein. The attached NRC Form 187 (See List of Attachments) furnishes the basis for providing security and classification requirements to prime contractors, subcontractors, or others (e.g., bidders) who have or may

have an NRC contractual relationship that requires access to classified Restricted Data or National Security Information or matter, access to sensitive unclassified information (e.g., Safeguards), access to sensitive Information Technology (IT) systems or data, unescorted access to NRC controlled buildings/space, or unescorted access to protected and vital areas of nuclear power plants.

(b) It is the contractor's duty to protect National Security Information, Restricted Data, and Formerly Restricted Data. The contractor shall, in accordance with the Commission's security regulations and requirements, be responsible for protecting National Security Information, Restricted Data, and Formerly Restricted Data, and for protecting against sabotage, espionage, loss, and theft, the classified documents and material in the contractor's possession in connection with the performance of work under this contract. Except as otherwise expressly provided in this contract, the contractor shall, upon completion or termination of this contract, transmit to the Commission any classified matter in the possession of the contractor or any person under the contractor's control in connection with performance of this contract. If retention by the contractor of any classified matter is required after the completion or termination of the contract and the retention is approved by the contracting officer, the contractor shall complete a certificate of possession to be furnished to the Commission specifying the classified matter to be retained. The certification must identify the items and types or categories of matter retained, the conditions governing the retention of the matter and their period of retention, if known. If the retention is approved by the contracting officer, the security provisions of the contract continue to be applicable to the matter retained.

(c) In connection with the performance of the work under this contract, the contractor may be furnished, or may develop or acquire, safeguards information, or confidential or privileged technical, business, or financial information, including Commission plans, policies, reports, financial plans, internal data protected by the Privacy Act of 1974 (Pub. L. 93.579), or other information which has not been released to the public or has been determined by the Commission to be otherwise exempt from disclosure to the public. The contractor shall ensure that information protected from public disclosure is maintained as required by NRC regulations and policies, as cited in this contract or as otherwise provided by the NRC. The contractor will not directly or indirectly duplicate, disseminate, or disclose the information in whole or in part to any other person or organization except as may be necessary to perform the work under this contract. The contractor agrees to return the information to the Commission or otherwise dispose of it at the direction of the contracting officer. Failure to comply with this clause is grounds for termination of this contract.

(d) Regulations. The contractor agrees to conform to all security regulations and requirements of the Commission which are subject to change as directed by the NRC Division of Facilities and Security (DFS) and the Contracting Officer. These changes will be under the authority of the FAR Changes clause referenced in this document.

The contractor agrees to comply with the security requirements set forth in NRC Management Directive 12.1, NRC Facility Security Program which is incorporated into this contract by reference as though fully set forth herein. Attention is directed specifically to the section titled "Infractions and Violations," including "Administrative Actions" and "Reporting Infractions."

(e) Definition of National Security Information. The term National Security Information, as used in this clause, means information that has been determined pursuant to Executive Order 12958

or any predecessor order to require protection against unauthorized disclosure and that is so designated.

(f) Definition of Restricted Data. The term Restricted Data, as used in this clause, means all data concerning design, manufacture, or utilization of atomic weapons; the production of special nuclear material; or the use of special nuclear material in the production of energy, but does not include data declassified or removed from the Restricted Data category pursuant to Section 142 of the Atomic Energy Act of 1954, as amended.

(g) Definition of Formerly Restricted Data. The term Formerly Restricted Data, as used in this clause, means all data removed from the Restricted Data category under Section 142-d of the Atomic Energy Act of 1954, as amended.

(h) Definition of Safeguards Information. Sensitive unclassified information that specifically identifies the detailed security measures of a licensee or an applicant for the physical protection of special nuclear material; or security measures for the physical protection and location of certain plant equipment vital to the safety of production or utilization facilities. Protection of this information is required pursuant to Section 147 of the Atomic Energy Act of 1954, as amended.

(i) Security Clearance. The contractor may not permit any individual to have access to Restricted Data, Formerly Restricted Data, or other classified information, except in accordance with the Atomic Energy Act of 1954, as amended, and the Commission's regulations or requirements applicable to the particular type or category of classified information to which access is required. The contractor shall also execute a Standard Form 312, Classified Information Nondisclosure Agreement, when access to classified information is required.

(j) Criminal Liabilities. It is understood that disclosure of National Security Information, Restricted Data, and Formerly Restricted Data relating to the work or services ordered hereunder to any person not entitled to receive it, or failure to safeguard any Restricted Data, Formerly Restricted Data, or any other classified matter that may come to the contractor or any person under the contractor's control in connection with work under this contract, may subject the contractor, its agents, employees, or subcontractors to criminal liability under the laws of the United States. (See the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 et seq.; 18 U.S.C. 793 and 794; and Executive Order 12958.)

(k) Subcontracts and Purchase Orders. Except as otherwise authorized in writing by the contracting officer, the contractor shall insert provisions similar to the foregoing in all subcontracts and purchase orders under this contract.

(l) In performing the contract work, the contractor shall classify all documents, material, and equipment originated or generated by the contractor in accordance with guidance issued by the Commission. Every subcontract and purchase order issued hereunder involving the origination or generation of classified documents, material, and equipment must provide that the subcontractor or supplier assign classification to all documents, material, and equipment in accordance with guidance furnished by the contractor.

C.14 BADGE REQUIREMENTS FOR UNESCORTED BUILDING ACCESS TO NRC FACILITIES (FEB 2004)

During the life of this contract, the rights of ingress and egress for contractor personnel must be made available, as required, provided that the individual has been approved for unescorted access after a favorable adjudication from the Security Branch, Division of Facilities and Security (SB/DFS). In this regard, all contractor personnel whose duties under this contract require their presence on-site shall be clearly identifiable by a distinctive badge furnished by the NRC. The Project Officer shall assist the contractor in obtaining badges for the contractor personnel. All contractor personnel must present two forms of Identity Source Documents (I-9). One of the documents must be a valid picture ID issued by a state or by the Federal government. Original I-9 documents must be presented in person for certification. A list of acceptable documents is available at http://www.usdoj.gov/crt/recruit_employ/i9form.pdf. It is the sole responsibility of the contractor to ensure that each employee has a proper NRC-issued identification/badge at all times. All photo-identification badges must be immediately (no later than three days) delivered to SB/DFS for cancellation or disposition upon the termination of employment of any contractor personnel. Contractor personnel must display any NRC issued badge in clear view at all times during on-site performance under this contract. It is the contractor's duty to assure that contractor personnel enter only those work areas necessary for performance of contract work, and to assure the protection of any Government records or data that contractor personnel may come into contact with.

C.16 SECURITY REQUIREMENTS FOR INFORMATION TECHNOLOGY ACCESS APPROVAL

The proposer/contractor must identify all individuals and propose the level of Information Technology (IT) approval for each, using the following guidance. The NRC sponsoring office shall make the final determination of the level, if any, of IT approval required for all individuals working under this contract.

The Government shall have and exercise full and complete control over granting, denying, withholding, or terminating building access approvals for individuals performing work under this contract.

1. Security Requirements for Level I

Performance under this contract will involve prime contractor personnel, subcontractors or others who perform services requiring direct access to or operate agency sensitive information technology systems or data (IT Level I).

The IT Level I involves responsibility for the planning, direction, and implementation of a computer security program; major responsibility for the direction, planning, and design of a computer system, including hardware and software; or the capability to access a computer system during its operation or maintenance in such a way that could cause or that has a relatively high risk of causing grave damage; or the capability to realize a significant personal gain from computer access. Such contractor personnel shall be subject to the NRC contractor personnel security requirements of NRC MD 12.3, Part I, and shall require a favorably adjudicated Limited Background Investigation (LBI).

A contractor employee shall not have access to sensitive information technology systems or data until he/she is approved by SB/DFS. Temporary access may be approved based on a favorable adjudication of their security forms and checks. Final access will be approved based on a favorably adjudicated LBI in accordance with the procedures found in NRC MD 12.3, Part I. However, temporary access authorization approval will be revoked and the employee may subsequently be removed from the contract in the event the employee's investigation cannot be favorably adjudicated. Such employee will not be authorized to work under any NRC contract without the approval of SB/DFS. Timely receipt of properly completed security applications is a contract requirement. Failure of the contractor to comply with this condition within the 10 work-day period may be a basis to void the notice of selection. In that event, the Government may select another firm for award. When an individual receives final access, that individual will be subject to a reinvestigation every 10 years.

The contractor shall submit a completed security forms packet, including the SF-86, "Questionnaire for National Security Positions," and fingerprint charts, through the Project Officer to SB/DFS for review and favorable adjudication, prior to the individual performing work under this contract. The contractor shall assure that all forms are accurate, complete, and legible (except for Part 2 of the questionnaire, which is required to be completed in private and submitted by the individual to the contractor in a sealed envelope), as set forth in MD 12.3 which is incorporated into this contract by reference as though fully set forth herein. Based on SB/DFS review of the applicant's security forms and/or the receipt of adverse information by NRC, the individual may be denied access to NRC facilities, sensitive information technology systems or data until a final determination is made of his/her eligibility under the provisions of MD 12.3. Any questions regarding the individual's eligibility for IT Level I approval will be resolved in accordance with the due process procedures set forth in MD 12.3 Exhibit 1 and E.O. 12968.

In accordance with NRCAR 2052.204-70, "Security," IT Level I contractors shall be subject to the attached NRC Form 187 (Attachment 3) which furnishes the basis for providing security requirements to prime contractors, subcontractors or others (e.g., bidders) who have or may have an NRC contractual relationship which requires access to or operation of agency sensitive information technology systems or remote development and/or analysis of sensitive information technology systems or data or other access to such systems and data; access on a continuing basis (in excess of 30 days) to NRC Headquarters controlled buildings; or otherwise requires issuance of an NRC badge.

2. Security Requirements for Level II

Performance under this contract will involve contractor personnel that develop and/or analyze sensitive information technology systems or data or otherwise have access to such systems and data (IT Level II).

The IT Level II involves responsibility for the planning, design, operation, or maintenance of a computer system and all other computer or IT positions. Such contractor personnel shall be subject to the NRC contractor personnel requirements of MD 12.3, Part I, which is hereby incorporated by reference and made a part of this

contract as though fully set forth herein, and shall require a favorably adjudicated Access National Agency Check with Inquiries (ANACI).

A contractor employee shall not have access to sensitive information technology systems or data until he/she is approved by SB/DFS. Temporary access may be approved based on a favorable review of their security forms and checks. Final access will be approved based on a favorably adjudicated ANACI in accordance with the procedures found in MD 12.3, Part I. However, temporary access authorization approval will be revoked and the employee may subsequently be removed from the contract in the event the employee's investigation cannot be favorably adjudicated. Such employee will not be authorized to work under any NRC contract without the approval of SB/DFS. Timely receipt of properly completed security applications is a contract requirement. Failure of the contractor to comply with this condition within the 10 work-day period may be a basis to void the notice of selection. In that event, the Government may select another firm for award. When an individual receives final access, that individual will be subject to a reinvestigation every 10 years.

The contractor shall submit a completed security forms packet (enclosed), including the SF-86, "Questionnaire for National Security Positions," and fingerprint charts, through the Project Officer to the NRC SB/DFS for review and favorable adjudication, prior to the individual performing work under this contract. The contractor shall assure that all forms are accurate, complete, and legible (except for Part 2 of the questionnaire, which is required to be completed in private and submitted by the individual to the contractor in a sealed envelope), as set forth in MD 12.3. Based on SB/DFS review of the applicant's security forms and/or the receipt of adverse information by NRC, the individual may be denied access to NRC facilities, sensitive information technology systems or data until a final determination is made of his/her eligibility under the provisions of MD 12.3. Any questions regarding the individual's eligibility for IT Level II approval will be resolved in accordance with the due process procedures set forth in MD 12.3 Exhibit 1 and E. O. 12968.

In accordance with NRCAR 2052.204-70, "Security," IT Level II contractors shall be subject to the attached NRC Form 187 (Attachment 3) which furnishes the basis for providing security requirements to prime contractors, subcontractors or others (e.g. bidders) who have or may have an NRC contractual relationship which requires access to or operation of agency sensitive information technology systems or remote development and/or analysis of sensitive information technology systems or data or other access to such systems or data; access on a continuing basis (in excess of 30 days) to NRC Headquarters controlled buildings; or otherwise requires issuance of an NRC badge.

C.17 CANCELLATION OR TERMINATION OF IT ACCESS/REQUEST

When a request for investigation is to be withdrawn or canceled, the contractor shall immediately notify the Project Officer by telephone in order that he/she will immediately contact the SB/DFS so that the investigation may be promptly discontinued. The notification shall contain the full name of the individual, and the date of the request. Telephone notifications must be promptly confirmed in writing to the Project Officer who will forward the confirmation via e-mail to the SB/DFS. Additionally, SB/DFS must be immediately notified when an individual no longer requires access to NRC sensitive automated information technology systems or data,

including the voluntary or involuntary separation of employment of an individual who has been approved for or is being processed for access under the NRC Personnel Security Program.

C.18 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT

(a) The Government may extend the term of this contract by written notice to the Contractor within 30 days; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 5 years.

C.19 52.204-6 DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER

(a) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation ``DUNS" or ``DUNS+4" followed by the DUNS number or ``DUNS+4" that identifies the offeror's name and address exactly as stated in the offer. The DUNS number is a nine-digit number assigned by Dun and Bradstreet, Inc. The DUNS+4 is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the offeror to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11) for the same parent concern.

(b) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An offeror may obtain a DUNS number--

(i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at <http://www.dnb.com>; or

(ii) If located outside the United States, by contacting the local Dun and Bradstreet office.

(2) The offeror should be prepared to provide the following information:

(i) Company legal business name.

(ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.

(iii) Company physical street address, city, state and Zip Code.

(iv) Company mailing address, city, state and Zip Code (if separate from physical).

(v) Company telephone number.

- (vi) Date the company was started.
- (vii) Number of employees at your location.
- (viii) Chief executive officer/key manager.
- (ix) Line of business (industry).
- (x) Company Headquarters name and address (reporting relationship within your entity).

C.20 52.204-7 CENTRAL CONTRACTOR REGISTRATION)

(a) Definitions. As used in this clause--

Central Contractor Registration (CCR) database means the primary Government repository for Contractor information required for the conduct of business with the Government.

Data Universal Numbering System (DUNS) number means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

Data Universal Numbering System +4 (DUNS+4) number means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see the FAR at Subpart 32.11) for the same parent concern.

Registered in the CCR database means that--

(1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database; and

(2) The Government has validated all mandatory data fields and has marked the record "Active".

(b)(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.

(2) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS +4" followed by the DUNS or DUNS +4 number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.

(c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An offeror may obtain a DUNS number--

(i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at <http://www.dnb.com> ; or

(ii) If located outside the United States, by contacting the local Dun and Bradstreet office.

(2) The offeror should be prepared to provide the following information:

(i) Company legal business.

(ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.

(iii) Company Physical Street Address, City, State, and Zip Code.

(iv) Company Mailing Address, City, State and Zip Code (if separate from physical).

(v) Company Telephone Number.

(vi) Date the company was started.

(vii) Number of employees at your location.

(viii) Chief executive officer/key manager.

(ix) Line of business (industry).

(x) Company Headquarters name and address (reporting relationship within your entity).

(d) If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.

(e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.

(f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(g)(1)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in Subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of

Subpart 42.12 of the FAR; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see FAR Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

(h) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at <http://www.ccr.gov> or by calling 1-888-227-2423, or 269-961-5757.

C.21 52.232-19 AVAILABILITY OF FUNDS FOR THE NEXT FISCAL YEAR

Funds are not presently available for performance under this contract beyond (ISFUNDS-END). The Government's obligation for performance of this contract beyond that date is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise for performance under this contract beyond (ISFUNDS-END), until funds are made available to the Contracting Officer for performance and until the Contractor receives notice of availability, to be confirmed in writing by the Contracting Officer.

C.22 52.216-18 ORDERING

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from the date of award through the expiration date.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

C.23 52.216-19 ORDER LIMITATIONS (OCT 1995)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than (\$ITEM-MIN), the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor--

(1) Any order for a single item in excess of the estimated quantities in Paragraph B.1

(2) Any order for a combination of items in excess of the estimated quantities in Paragraph B.1;

(3) A series of orders from the same ordering office within 2 days that together call for quantities exceeding the limitation in subparagraph (b)(1) or (2) above.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 2 days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

C.24 52.216-21 REQUIREMENTS

(a) This is a requirements contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies or services specified in the Schedule are estimates only and are not purchased by this contract. Except as this contract may otherwise provide, if the Government's requirements do not result in orders in the quantities described as "estimated" or "maximum" in the Schedule, that fact shall not constitute the basis for an equitable price adjustment.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. Subject to any limitations in the Order Limitations clause or elsewhere in this contract, the Contractor shall furnish to the Government all supplies or services specified in the Schedule and called for by orders issued in accordance with the Ordering clause. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(c) Except as this contract otherwise provides, the Government shall order from the Contractor all the supplies or services specified in the Schedule that are required to be purchased by the Government activity or activities specified in the Schedule.

(d) The Government is not required to purchase from the Contractor requirements in excess of any limit on total orders under this contract.

(e) If the Government urgently requires delivery of any quantity of an item before the earliest date that delivery may be specified under this contract, and if the Contractor will not accept an order providing for the accelerated delivery, the Government may acquire the urgently required goods or services from another source.

(f) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after the expiration date.

Attachment:
REMIT Format Specifications

REMIT FORMAT SPECIFICATIONS

Quarterly Data Files

Dosimetry processor results for the calendar quarter (or any other incremental time period within a monitoring year) shall be provided in the following electronic format. The data file should be submitted on a diskette or CD with the records for each Region and Office on separate media. Records for dosimetry that were not processed shall not be included in this file.

The data file shall be in ASCII or DBF format. If in DBF format, the field type shown shall be defined. For ASCII files, a carriage return and line feed shall be used at the end of each record in the file. All unused space in a field shall be padded with spaces.

Field	Field Name	Type	Width	Required*	Definition
1	EMP_ID	Character	12	Yes	Employee ID. Usually the SSN, but it may also be PPN, CSI, IDL, IND, WPN, or OTH as defined in Regulatory Guide 8.7
2	ID_TYPE	Character	3	Yes	Abbreviation for ID type used in EMP_ID
3	RPT_TYPE	Character	1	Yes	Report type - "R" = Record, "E" = Estimate. "Estimate" should only be used for interim records when it is known that final dose records will be provided at a later date.
4	EXP_TYPE	Character	1	Yes	Exposure type - "R" = Routine, "P" = PSE
5	BEG_DATE	Date	8	Yes	Begin monitoring date. "YYYYMMDD"
6	END_DATE	Date	8	Yes	End monitoring date. "YYYYMMDD"
7	DDE	Character	8	Yes	Deep Dose Equivalent in rem. Or "ND"=Not Detectable, or "NR"=Not Required to be reported. Do not use "0.000"
8	LDE	Character	8	Yes	Eye Dose Equivalent to the lens of the eye in rem. Or "ND"=Not Detectable, or "NR"=Not Required to be reported. Do not use "0.000"
9	SDE_WB	Character	8	Yes	Shallow Dose Equivalent to the Whole Body in rem. Or "ND"=Not Detectable, or "NR"=Not Required to be reported. Do not use "0.000"
10	SDE_ME	Character	8	Yes	Shallow Dose Equivalent to the maximally exposed extremity in rem. Or "ND"=Not Detectable, or "NR"=Not Required to be reported. Do not use "0.000"
11	SDE_UR	Character	8	Yes	Shallow Dose Equivalent to the upper right extremity in rem. Or "ND"=Not Detectable, or "NR"=Not Required to be reported. Do not use "0.000"
12	SDE_UL	Character	8	Yes	Shallow Dose Equivalent to the upper left extremity in rem. Or "ND"=Not Detectable, or "NR"=Not Required to be reported. Do not use "0.000"
13	SDE_LR	Character	8	Yes	Shallow Dose Equivalent to the lower right extremity in rem. Or "ND"=Not Detectable, or "NR"=Not Required to be reported. Do not use "0.000"
14	SDE_LL	Character	8	Yes	Shallow Dose Equivalent to the lower left extremity in rem. Or "ND"=Not Detectable, or "NR"=Not Required to be reported. Do not use "0.000"
15	DOSI_CODE	Character	2	No	Dosimetry Code
16	RAD_QUAL	Character	2	No	Radiation Quality
17	SERIES	Character	3	No	Series number
18	DDE_PHOTON	Character	8	No	DDE from photon
19	LDE_PHOTON	Character	8	No	LDE from photon
20	SDE_PHOTON	Character	8	No	SDE from photon
21	DDE_NEUT	Character	8	No	DDE from neutron

22	SDE_BETA	Character	8	No	SDE from beta
23	USE_TYPE	Character	6	No	Use type
24	NOTE_CODE	Character	2	No	Note code
25	LICENSE_NO	Character	13	No	NRC License number at the facility where dose was accrued.
26	OFFICE_ASG	Character	13	No	NRC Office assignment as of the date that the monitoring was performed.
27	MONITORING	Character	4	No	Monitoring year. "YYYY"

*Required fields are defined in Regulatory Guide 8.7 which may be obtained through the NRC's website at <http://www.nrc.gov/reading-rm/doc-collections/reg-guides/occupational-health/active/8-07/8-007r2.pdf>. Blank spaces may be used in fields not required.

Transmittal Letter

When submitting the data file, a transmittal letter shall accompany the file with the following information provided:

- NRC Region or Office
- File Name
- Date Created
- Operating system used
- Contact name and phone number
- Other instructions needed to process the records. Note any records that are corrections for prior monitoring periods.
- Signature and date for the processor's authorized representative