

ORDER FOR SUPPLIES OR SERVICES

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

1. DATE OF ORDER 03/14/2008	2. CONTRACT NO. (If any)	6. SHIP TO: JOHN C. WIEGAND		
3. ORDER NO. BPC08000007	4. REQUISITION/REFERENCE NO.	a. NAME OF CONSIGNEE DOT/Maritime Administration, MAR-611		
5. ISSUING OFFICE (Address correspondence to) DOT/MARITIME ADMINISTRATION 400 Seventh Street, S.W., Room 7310 Washington DC 20590		b. STREET ADDRESS 1200 New Jersey Ave., SE MAR380, W28-201		
		c. CITY Washington	d. STATE DC	e. ZIP CODE 20590
7. TO:		f. SHIP VIA		
a. NAME OF CONTRACTOR James P. Tarzia		8. TYPE OF ORDER		
b. COMPANY NAME Radiation Safety & Control Services, INC.		<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.		
c. STREET ADDRESS 91 Portsmouth Ave		<input type="checkbox"/> b. DELIVERY - Except for billing instructions on the reverse, this delivery 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.		
d. CITY Stratham	e. STATE NH	f. ZIP CODE 03885-2468		
9. ACCOUNTING AND APPROPRIATION DATA - 70 - X17680 - 00107 - SD - 1600 - 00 - 1SDSDSAV0 - 25105 - - - - -		10. REQUISITIONING OFFICE DOT/Maritime Administration, MAR-610		

11. BUSINESS CLASSIFICATION (Check appropriate box(es))			
<input type="checkbox"/> a. SMALL	<input checked="" type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> d. WOMEN-OWNED
12. F.O.B. POINT Destination	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS
13. PLACE OF			10 days % 20 days % 30 days % days %
a. INSPECTION Government	b. ACCEPTANCE Government		

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)
	SEE LINE ITEM DETAIL					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.		17(h) TOT. (Cont. pages) 17(i) GRAND TOTAL
	21. MAIL INVOICE TO: Tammy Curnett				
	a. NAME DOT/ Enterprise Services Center (ESC) OFO/FAA, Oklahoma City				
	b. STREET ADDRESS (or P.O. Box) MARAD A/P Branch, AMZ-150 PO Box 25710				
	c. CITY Oklahoma City	d. STATE OK	e. ZIP CODE 73125		\$84,482.00

22. UNITED STATES OF AMERICA BY (Signature)		23. NAME (Typed) M. E. Simmons TITLE: CONTRACTING/ORDERING OFFICER
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Line Item Summary	Document Number BPC08000007	Title Health Physics Services	Page 2 of 3
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Total Funding: \$84,482.00

FYs	Fund	Budget Org	Sub	Object Class	Sub	Program	Cost Org	Sub	Proj/Job No.	Sub	Reporting Category
70	X17680	00107	SD	1600	00	1SDSDSAVC	25105				
Division		Closed FYs		Cancelled Fund							

Line Item Number	Description	(Start Date to End Date)	Quantity	Unit of Issue	Unit Price	Total Cost (Includes Discounts)
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0001	Labor Services		1.00	NTE	\$69,970.000	\$ 69,970.00
		(03/01/2008 to 08/30/2008)				OPTION PERIOD

Funding Information:
- 70 - X17680 - 00107 - SD - 1600 - 00 - 1SDSDSAV0 - 25105 - - - -
- - - -
\$69,970.00

0002	Equipment Calibration		1.00	NTE	\$675.000	\$ 675.00
		(03/01/2008 to 08/30/2008)				OPTION PERIOD

Funding Information:
- 70 - X17680 - 00107 - SD - 1600 - 00 - 1SDSDSAV0 - 25105 - - - -
- - - -
\$675.00

0003	Equipment Lease		1.00	NTE	\$4,420.000	\$ 4,420.00
		(03/01/2008 to 08/30/2008)				OPTION PERIOD

Funding Information:
- 70 - X17680 - 00107 - SD - 1600 - 00 - 1SDSDSAV0 - 25105 - - - -
- - - -
\$4,420.00

0004	Dosimetry Services		1.00	NTE	\$1,021.000	\$ 1,021.00
		(03/01/2008 to 08/30/2008)				OPTION PERIOD

Funding Information:
- 70 - X17680 - 00107 - SD - 1600 - 00 - 1SDSDSAV0 - 25105 - - - -
- - - -
\$1,021.00

Line Item Summary	Document Number BPC08000007	Title Health Physics Services	Page 3 of 3
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Total Funding: \$84,482.00

FYs	Fund	Budget Org	Sub	Object Class	Sub	Program	Cost Org	Sub	Proj/Job No.	Sub	Reporting Category
70	X17680	00107	SD	1600	00	1SDSDSAVC	25105				
Division		Closed FYs		Cancelled Fund							

Line Item Number	Description	(Start Date to End Date)	Quantity	Unit of Issue	Unit Price	Total Cost (Includes Discounts)
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0005	Sample Analysis		1.00	NTE	\$1,984.000	\$ 1,984.00
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Funding Information:

- 70 - X17680 - 00107 - SD - 1600 - 00 - 1SDSDSAV0 - 25105 - - - -
 - - - -
 \$1,984.00

0006	Supplies		1.00	NTE	\$1,412.000	\$ 1,412.00
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(03/01/2008 to 08/30/2008)

w/Shipping and Handling ,G&A

Funding Information:

- 70 - X17680 - 00107 - SD - 1600 - 00 - 1SDSDSAV0 - 25105 - - - -
 - - - -
 \$1,412.00

0007	Travel		1.00	NTE	\$5,000.000	\$ 5,000.00
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(03/01/2008 to 08/30/2008)

OPTION PERIOD

SUBJECT FEDERAL TRAVEL REGULATIONS

Funding Information:

- 70 - X17680 - 00107 - SD - 1600 - 00 - 1SDSDSAV0 - 25105 - - - -
 - - - -
 \$5,000.00

Total Cost: \$84,482.00

Task Order: BPA Call - HP Support Services

1. OVERVIEW

The purpose of this call is to provide the necessary instrumentation and supplies to conduct a semi-annual surveillance of the N.S. SAVANNAH. Health Physics support services are required to assist with the set up of instrumentation, including setting up a “count room” for the instrumentation.

2. SCOPE OF WORK

The scope of work involves setting up and implementing procedures for issuance and monitoring of personnel TLDs, environmental TLDs, and providing, setting up and supporting the use of instrumentation in conducting the N.S. SAVANNAH’s semi-annual survey.

Personnel and Environmental TLDs provided shall be based on a quarterly (3-month) rotation of the TLDs for the period of the performance for this call.

3. ADMINISTRATIVE REQUIREMENTS

3.1 Period of Performance

3.1.1 TLD SUPPORT (PERSONNEL AND ENVIRONMENTAL)

01 March 2008– 30 August 2008

3.1.2 INSTRUMENTATION SUPPLY (RENTAL)

01 March 2008– 30 August 2008

3.1.3 HP TECH SUPPORT

01 March 2008– 30 August 2008

3.2 Site of Services

All supplies and services are to be supplied to the N.S. SAVANNAH currently berthed in Norfolk, VA as follows (See footnote¹):

N.S. SAVANNAH
c/o BAE Systems
750 West Berkley Ave
Norfolk, VA 23523
(757) 494-4570

3.3 Travel

Travel will be subject to reimbursement in accordance with Federal Travel Regulations.²

¹ The N.S. SAVANNAH is scheduled to shift to another berth (Location – TBD) somewhere on the Mid-Atlantic Coast ranging from Camden, NJ to Hampton Roads, VA.

² The actual number of labor hours in the categories requested will be adjusted accordingly (downward) to allow for travel when directed.

3.4 Personnel Exposure Records

The Contractor shall provide external personnel monitoring services (TLDs) for N.S. SAVANNAH Technical Staff and License Support Personnel in support of shipboard activities.

- Assume 32-Personnel TLDs on a quarterly rotation. Exposure data shall be provided on all TLDs.

3.5 Environmental Exposure Records

The Contractor shall provide environmental area dosimetry monitoring services (TLDs) for Technical Staff and License Support Personnel in support of shipboard activities.

- Assume 45-Environmental TLDs with one control TLD, on a quarterly rotation. Exposure data shall be provided on all TLDs.

4. FUNCTIONAL REQUIREMENTS

4.1 Personnel

4.1.1 RADIATION SAFETY OFFICER

The contractor shall provide a Radiation Safety Officer (RSO) to provide support to the STS for the period of performance. Assume that the RSO will provide approximate 2-weeks of effort/month in accordance with duties described in the Blanket Purchase Agreement Award.³

4.1.2 HP TECHNICIAN (SUPERISOR)

The contractor shall provide an HP technician with sufficient skills necessary to provide the required instrumentation equipment setup. The technician shall also be capable of setting up and operating a “count” operation in support of survey operations. Assume that the HP Tech will provide approximately 40-manhours of effort per month. (See note: 3 below). The technician shall

4.2 Instrumentation

4.2.1 INSTRUMENTATION LEASE

The contractor shall provide the following calibrated Radiation Instrumentation and check sources for the performance period:

<u>Pkg Qty</u>	<u>Description</u>
2	Frisker (Lease) {Ludlum 3 with Probes}
1	Micro R Meter (Lease) {Ludlum 19 MicroR or equal}
1	Ludlum-2200 w/Dual Probe Scintillation (Lease)
1	Low Volume Air Sampler (Lease) {RAS Air Sampler}
1	Check Source – Alpha
1	Eberline RO-2 (Lease)
1	Bicron unanlyst

³ Note: Actual effort may vary and may result in fewer hours.

4.2.2 INSTRUMENTATION CALIBRATION

4.2.2.1 SERAT INSTRUMENTATION CALIBRATIONS

As required by instrument calibration date.⁴ See GFI 6.1.

4.2.2.2 OTHER INSTRUMENTATION CALIBRATIONS

Calibrate (24) Self-Reading Pocket Dosimeters, Range (0-200 mREM).

4.3 Personnel TLDs

The contractor shall provide for (32) TLDs for personnel use by the SAVANNAH Technical Staff and License support Staff (STS). TLDs shall be issued and collected for personnel exposure records on a quarterly (3-month) basis through performance period.

The contractor shall provide a procedure for the issuance and handling of personnel TLDs for use by the STS. The contractor's standard procedures are acceptable (subject to Q/A Review) and may be adapted into STS format at a later date.

4.4 Environmental TLDs

The contractor shall provide for 45 Environmental TLDs to be located throughout the facility at the direction of the Acting Radiation Safety Officer (RSO). These TLDs are to be rotated and read on a quarterly (3-month) basis through the end of the performance period. The contractor shall also provide TLD pouches and brackets necessary for mounting the 45 TLDs in support of the environmental surveillance of the facility.

The contractor shall provide a procedure for the issuance and handling of environmental TLDs for use by the STS. The contractor's standard procedures are acceptable (subject to Q/A Reviews) and may be adapted into STS format at a later date.

4.5 Sample Analysis

The contractor shall provide 12- 24 sample collection containers necessary for collecting the samples listed below.

4.5.1 PERIODIC SAMPLE ANALYSIS

Combined water/sediment samples are taken on a quarterly basis from the water at the berth of the N.S. SAVANNAH. The contractor shall be responsible for conducting the analysis of the samples as follows:

4.5.1.1 WATER SAMPLES

The contractor shall conduct gross Gamma scans for each water sample collected.

- (2) Water Samples for immediate analysis (Semi-Annual)
- (2) Samples for Analysis (Semi-Annual)

⁴ Note: MSA 4-Gas Analyzer has been removed from list of SERAT equipment to be calibrated.

4.5.1.2 SEDIMENT SAMPLES

The contractor shall conduct gross Gamma scans for each sediment sample collected. (Actual number of samples for analysis – TBD)

4.5.2 SHIP MOVEMENT SAMPLE ANALYSIS

At the time of ship movement from one berth to another, combined water/sediment samples will be taken as follows:

4.5.2.1 WATER SAMPLES

The contractor shall conduct gross Alpha, Beta and Gamma scans for each water sample collected.

- (2) Samples for analysis at the prior to arrival at the new Berth (Ship Movement).
- (2) Samples for analysis at the Departure Berth (Ship Movement), prior to or immediately following the departure.

4.5.2.2 SEDIMENT SAMPLES

The contractor shall conduct gross Alpha, Beta and Gamma scans for each sediment sample collected. (Actual number of samples for analysis – TBD)

4.6 Supplies

The contractor shall provide the following supplies upon notice to proceed:

CLIN	DESCRIPTION	Unit No	Unit Type	Unit/P kg	Pkg Type	Pkg Cost	PKG qty	TOTAL
06-0	OTHER DIRECT COSTS							
06A-0	Supplies	1	Lot	1	Lot	-	-	\$ 1,721.65
06A-0-1	Smears	500	Each	500	Box	\$ 26.00	1	\$ 26.00
06A-0-2	Envelopes, Coin	1000	Each	500	Box	\$ 22.10	2	\$ 44.20
06A-0-3	Filter, Air Sample	50	Each	1	Each	\$ 0.40	50	\$ 20.00
06A-0-4	Clipboard	12	Each	1	Each	\$ 1.25	12	\$ 15.00
06A-0-5	Pad, Step-Off	12	Each	1	Each	\$ 16.95	12	\$ 203.40
06A-0-6	Rope, Polyester, Yellow/Magenta, 100 feet	1	Spool	1	Spool	\$ 36.00	1	\$ 36.00
06A-0-7	Tags, Radioactive Material	100	Each	1	Each	\$ 0.90	100	\$ 90.00
06A-0-8	Bag, Polyethylene, 6 mil, 12 in x 18 in, Yellow	100	each	500	Roll	\$ 48.00	1	\$ 48.00
06A-0-9	Bag, Polyethylene, 6 mil, 12 in x 36 in, Yello	100	Each	250	Roll	\$ 98.00	1	\$ 98.00
06A-0-10	Bag, Polyethylene, 6 mil, 36 in x 48 in	100	Each	150	Roll	\$ 104.00	1	\$ 104.00
06A-0-11	Drum, Collapsible	2	Each	1	Each	\$ 70.00	2	\$ 140.00
06A-0-11	Cotton Liners	144	Each	12	Case	\$ 3.92	12	\$ 47.04
06A-0-12	Gloves, Vinyl, Disposable, Powdered (Size XL)	1	Each	1	Case	\$ 45.00	1	\$ 45.00
06A-0-13	Shoe Cover, Vinyl, Disposable,	150	Pair	10	Case	\$ 13.67	15	\$ 205.05
06A-0-14	Coat, Lab, Disposable (Size L)	24	Each	1	Each	\$ 3.87	24	\$ 92.88
06A-0-15	Coat, Lab, Disposable (Size XL)	24	Each	1	Each	\$ 3.87	24	\$ 92.88
06A-0-16	Coat, Lab, Disposable, (Size XXL)	12	Each	1	Each	\$ 3.87	12	\$ 46.44
06A-0-17	Pad, Absorbent, 18 in x 18 in	100	Each	1	Each	\$ 1.00	100	\$ 100.00
06A-0-18	Tape, Masking, Roll x 2 in width	12	Each	1	Each	\$ 3.60	12	\$ 43.20

5. DELIVERABLES

Reference to “days” is intended to mean *calendar days* unless otherwise noted below.

5.1 32 Personnel TLDs

Due 1 April 2008⁵

5.2 Personnel TLD Exposure Reports

Due 30-Days from receipt of TLD⁶

5.3 45 Environmental TLDs

Due 1 April 2008

5.4 Environmental TLD Exposure Reports

Due 30-Days from receipt of TLD

5.5 Sample Analysis Report

Due 30-Days from receipt of sample

5.6 Supplies

Due 30 March 2008

6. GOVERNMENT FURNISHED INFORMATION

6.1 SERAT Instrumentation Calibration

		INSTRUMENT	2007 CATS	Last Done 2007	Next Due 2008	2008 CATS
AS-1	SERAT Cal	SERAT Instrument Cal - SN 21288 Annual 2008	403	6/29/2007	6/29/2008	417
AS-2	SERAT Cal	SERAT Instrument Cal - SN 21289 Annual 2008	404	7/3/2007	7/3/2008	431
AS-3	SERAT Cal	SERAT Instrument Cal - SN 21947 Annual 2008	405	7/3/2007	7/3/2008	429
AS-4	SERAT Cal	SERAT Instrument Cal - SN 10219 Annual 2008	406	6/29/2007	6/1/2008	418
AS-5	SERAT Cal	SERAT Instrument Cal - SN 10220 Annual 2008	407	7/3/2007	7/3/2008	430
AS-6	SERAT Cal	SERAT Instrument Cal - SN 10221 Annual 2008	408	6/29/2007	6/29/2008	419
AS-7	SERAT Cal	SERAT Cal Air Sampler RAdCO Model H-810 S/N 0864 Annual 2008	432	12/1/2007	12/1/2007	422
AS-8	SERAT Cal	SERAT Cal Air Sampler RAdCO Model H-810 S/N 0865 Annual 2008	433	9/28/2007	10/31/2008	423
AS-9	SERAT Cal	SERAT Instrument Cal - 4 Gas MSA Solaris # A5-49940 Annual 2008	428	10/12/2007	10/1/2008	458
AO-1	Ship-Use Cal	Ship-Use Instrument Cal - 4 Gas MSA Solaris # A5-72691	436	purchased 9/15/07	10/15/2008	436
AO-2	Ship-Use Cal	Ship-Use Instrument Cal Pocket Dosimeters (24) (2008)	402	7/18/2007	6/1/2008	420

⁵ Quarterly there after through the end of the period of performance.

⁶ Reports are due to MARAD NLT one month after receipt of the TLDs to be read.