

THIS REQUEST FOR INFORMATION (RFI) IS ISSUED SOLELY FOR INFORMATION AND PLANNING PURPOSES ONLY AND DOES NOT CONSTITUTE A SOLICITATION.

THE SUBMISSION OF PRICING, CAPABILITIES FOR PLANNING PURPOSES, AND OTHER MARKET INFORMATION IS HIGHLY ENCOURAGED AND ALLOWED UNDER THIS RFI IN ACCORDANCE WITH (IAW) FAR 15.201(e).

This is not a solicitation announcement. This is a sources sought synopsis only. The purpose of this synopsis is to gain knowledge of potential qualified **Service Disabled Veteran-owned Small Businesses (SDVOSB) or Veteran Owned Small Businesses (VOSB)** for relative to **NACIS 541380 or 334519** sources (size standard of **500 employees**). Responses to this synopsis will be used by the Government to make appropriate acquisition decisions. After review of the responses to this sources sought synopsis, a solicitation announcement **may** be published in the FedBizOpps or GSA eBuy websites. Responses to this sources sought synopsis **are not** considered adequate responses to the solicitation announcement. **All interested offerors will have to respond to the solicitation announcement in addition to responding to this sources sought announcement.** The Department of Veterans Affairs, Network 22 Contracts Office, is seeking sources **for dosimeters to the VA Greater Los Angeles Healthcare Systems. Contractor must be capable to provide the quantities of this order and collect the dosimeters, conduct analysis and generate report for 12 months. The intended response date is on or before Wednesday, March 22, 2017 at Noon PST.**

If you are interested, and are capable of providing the required supplies please provide the requested information as indicated below. Responses to this notice should include: company name, address, **warranty, point of contact**, size of business pursuant to the following questions:

- (1) Please indicate the size status and representations of your business, such as but not limited to: Service Disabled Veteran Owned Small Business (SDVOSB), Veteran Owned Small Business (VOSB), Hubzone, Woman Owned Small Business (WOSB), Large Business, etc.)?
- (2) Is your company considered small under the NAICS code identified under this RFI?
- (3) Are you the manufacturer or distributor of the items being referenced above (or equivalent product/solution)? What is the manufacturing country of origin of these items?
- (4) If you're a small business and you are an authorized distributor/reseller for the items identified above (or equivalent product/solution), do you alter; assemble; modify; the items requested in any way? If you do, state how and what is altered; assembled; modified?
- (5) Does your company have an FSS contract with GSA or the NAC or are you a contract holder with NASA SEWP or any other federal contract? If so, please provide the contract type and number.
- (6) If you are an FSS GSA/NAC or NASA SEWP contract holder or other federal contract holder, are the referenced items/solutions available on your schedule/contract?
- (7) Please provide general pricing for your products/solutions for market research purposes.
- (8) Please submit your capabilities in regards to the salient characteristics being provided and any information pertaining to "brand name or equal to items" to establish capabilities for planning purposes?

Responses to this notice shall be submitted via email to **james.simms@va.gov**. **Telephone responses shall not be accepted.** Responses must be received no later than **Wednesday, March 22, 2017 at Noon PST**. If a solicitation is issued it shall be announced at a later date, and all interested parties must respond to that solicitation announcement separately from the responses to this request for information. Responses to this notice are not a request to be added to a prospective bidders list or to receive a copy of the solicitation.

ITEM NO. OR STOCK NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED UNIT COST
	1 Whole body OSL dosimeters (radiation badges) for 300 employees 300 employees x (\$0.00 ea) x 12 months/yr = \$0.00	3600	EA	0.0000
	2 Whole body OSL dosimeter (radiation badge) for 550 employees 550 employees x (\$0.00 ea) x 4 quarters/yr = \$0.00	2200	EA	0.0000
	3 Extremity ring TLD dosimeters for 75 employees 75 employees x (\$0.00) x 12 months/yr = (\$0.00)	900	EA	0.0000
	4 Eye TLD dosimeters for 25 employees 25 employees x (\$0.00) x 12 months/yr = \$0.00	300	EA	0.0000
	5 Area OSL badge dosimeters for 75 employees 75 employees (x \$0.00) ea x 12 month/yr = \$0.00	300	EA	0.0000
	6 Neutron thermal/intermediate/fast OSL dosimeters for 75 employees 75 employees x (\$0.00) ea x 12 months/yr = \$0.00	900	EA	0.0000
	7 Lost or damaged Luxel dosimeters 12 employees (x \$0.00) = \$0.00	12	EA	0.0000
	8 Lost or damaged ring or eye dosimeters = (\$0.00 ea) 10 employees x \$0.00 = \$0.00	10	EA	0.0000
	9 Emergency processing charge = \$0.00 per occurrence/\$0.00 per dosimeter 12 employees x \$0.00 = \$0.00	12	EA	0.0000
	10 ALARA memo flat fee = (\$0.00 ea) per report.	1	EA	0.0000
	11 ALARA memo flat fee = (\$0.00 ea) 700 employees x \$0.00 = \$0.00	700	EA	0.0000

12 ALARA annual recap fee = \$0.00 ea per report	1	EA	0.0000
13 ALARA annual recap per person fee = (\$0.00 ea) 700 employees x \$0.00 = \$0.00	700	EA	0.0000
14 Meter report = (\$0.00 ea) 12 months x \$0.00 = \$0.00	12	EA	0.0000
15 Statistical summary fee = (\$0.00 ea) 12 months x (\$0.00) = \$0.00	12	EA	0.0000
16 Statistical summary per person fee = (\$0.00 ea) 700 employees x \$0.00 = \$0.00	700	EA	0.0000
17 Annual equivalent form 5 per person fee = (\$0.00) employees x \$0.00 = \$0.00	700	EA	0.0000
18 Termination equivalent form 5 per person fee (\$0.00) 700 employees x (\$0.00) = \$0.00	700	EA	0.0000
19 Shipping (if applicable)	20	EA	0.0000

TOTAL COST: \$0.00

Note: In addition to providing the dosimeters, it is required for the vendor to collect the dosimeters, conduct analysis and generate report. NOTE: Shipping **NOT** to exceed \$249.

Transaction 691-17-1-5129-0010
STATEMENT OF WORK AND CRITERIA FOR
RADIATION DOSIMETRY CONTRACT
VA Greater Los Angeles Healthcare System (GLA) 2017

I. BACKGROUND INFORMATION

GLA must monitor staff and public exposures to radiation at levels sufficient to demonstrate compliance with the occupational and environmental dose limits set by regulatory entities. In order to demonstrate compliance, radiation dosimeters must be supplied and distributed to appropriate personnel and at various locations throughout the facility. Maintaining an acceptable dosimetry program requires using a reliable and consistent dosimetry provider.

II. OBJECTIVES

The purpose for this contract is to have a dosimetry provider supply, process, evaluate, package, and ship dosimeters, as well as maintain records for dosimeter exposures and supply necessary reports of exposures in an efficient manner and which meets all applicable regulatory requirements. The dosimetry provider must be able to demonstrate that the appropriate licensing/accreditation criteria have been met, in addition to the specific requirements listed in Sections IV and V.

III. PERIOD OF PERFORMANCE

- i. Base Year: February 11, 2017 through February 12, 2018
- ii. Option Year 1: February 11, 2018 through February 12, 2019
- iii. Option Year 2: February 11, 2019 through February 12, 2020
- iv. Option Year 3: February 11, 2020 through February 12, 2021
- v. Option Year 4: February 11, 2021 through February 12, 2022

IV. LICENSING REQUIREMENTS

- 1. The dosimetry provider must hold a current personnel dosimetry accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP) of the National Institute of Standards and Technology (NIST) in all categories.
- 2. The dosimetry provider must be approved in this accreditation process for the type of radiation or radiations included in the NVLAP program that most closely approximates the type of radiation or radiations for which the individual wearing the dosimeter is monitored.
- 3. The dosimetry provider must be able to calculate, provide and store the deep-dose equivalent to the whole body, lens of the eye dose equivalent, shallow-dose equivalent to the skin, and the shallow-dose equivalent to the extremities.
- 4. The dosimetry provider must be able to calculate, provide and store the following information:
 - a. Committed Effective Dose Equivalent (CEDE) organ
 - b. Committed Dose Equivalent (CDE) total
 - c. Total Organ Dose Equivalent (TODE)
 - d. Total Effective Dose Equivalent (TEDE)

5. The dosimetry provider must be able to store the following information:
 - a. Committed Dose Equivalent (CDE) organ
 - b. Committed Effective Dose Equivalent (CEDE) organ
 - c. Intake quantity and Radionuclide
 - d. Solubility Class
 - e. Description of Internal Deposition
6. The dosimetry provider must be able to provide evidence of the following:
 - a. Maintain an in-house quality assurance program.
 - b. Minimum five years experience as a dosimetry processor.
 - c. Satisfactory performance record with NVLAP in all germane categories.

V. SPECIFIC REQUIREMENTS

1. Optically stimulated luminescence (OSL) [aluminum oxide Al_2O_3] whole-body dosimeters that can assess x-ray, gamma and beta exposure.
2. Lithium fluoride thermo-luminescent dosimeters (TLD) for assessing extremity exposure.
3. Neutron detection dosimeters that can assess fast, intermediate and thermal neutron exposure via solid state track etching. Neutron dosimeter shall have the capacity to be integrated into OSL whole-body dosimeters which will allow this dosimetry to be used as a whole body (personnel) dosimeter.
5. OSL whole-body dosimeters with emergency response re-read capabilities and the demonstrated ability to record radiation exposures as low as at 1 mrem increments. Including the ability to determine if the exposure was dynamic or static.
6. Master controls (dosimeters used for assessing background radiation during transit and storage) at no charge for all types of dosimeters.
7. OSL environmental (for a physical area such as a room) dosimeters.
8. Dosimeters will have permanent waterproof identification labels that cannot be smeared and/or removed and must provide barcode capability.
9. Dosimeters shall be identified by clearly visible icons that show where the dosimeter is to be worn.
10. Extremity badges shall be provided in at least three different sizes (e.g. small, medium, and large)
11. Color coding shall be used on all dosimeters to identify the specific wear period for that dosimeter.

The dosimetry provider must provide radiation monitoring services that meet the following criteria:

1. All radiation dosimetry services must meet current 10 CFR Part 20 reporting and recording requirements including appropriate controls to ensure the protection of personally identifiable information (PII). There must be a method to securely transmit PII between the vendor and the customer (e.g. via a secure internet site). The PII that will be transmitted includes full names, social security numbers, and dates of birth.
2. Reports of radiation exposures must be made on NRC Form 4 and NRC Form 5 or their equivalent.

Reports must also be supplied electronically upon request in a format which meets the NRC "REMIT" format.

3. On-line support for on-line exposure reports, shipment tracking and account maintenance transactions (i.e. dosimeter add/delete/reactivate administrative capabilities, spare badge assignments, addition of previous exposure history to current records).
4. On-line support shall provide unlimited access to a helpline or equivalent.
5. Twenty-four hour emergency dosimeter processing service upon request.
6. Exposure reports shall be supplied within 8 working days from receipt of dosimeters.
7. A separate fetal dosimetry monitoring program which includes cumulative totals on exposures from year to year.
8. "As Low As Reasonably Achievable" (ALARA) notification and immediate phone notification and faxed memo for high exposures for any processed dosimeter exceeding specified ALARA trigger limits.
9. Termination report summaries of personnel radiation exposures shall be supplied within 30 days of notice of terminating a participant badge.
10. ALARA report summaries will be provided on a quarterly basis with an additional annual ALARA review summary for all monitored employees for all accounts.
11. Dosimeters shall be supplied seven business days before the beginning of any designated wear period to allow time for distribution once received.
12. Monthly report listing dosimetry results at other institutions in reports shall sum each individual's exposures across all facilities for comparison with regulatory limits. This item applies when other institutions use the same dosimetry provider.
13. Reports of dosimeters that are unreturned during a wear period.
14. At a minimum the provider must demonstrate the following internet-based capabilities:
 - a) Add, delete, and transfer personnel dosimeters including fetal badges
 - b) *Records access*: downloadable exposure (dose) history, badge types, ALARA results, add lifetime cumulative exposure history from other institutions (if same dosimetry provider), search historical reports, and manage unreturned dosimeters
15. Contractor's services must satisfy the VA's compliance requirements with the following laws, regulations, and policies:
 - 1) 10 CFR Part 20 – Standards for Protection Against Radiation
 - 2) 10 CFR Part 35 – Medical Use of Byproduct Material
 - 3) 21 CFR 1020.30 – Diagnostic X-ray Systems and their Major Components
 - 4) 29 CFR 1910.1096 – Ionizing Radiation

VI. INFORMATION SECURITY REQUIREMENTS

1. The contractor will not access the VA computer network.
2. The information and reports generated by the contractor will be accessible to the VA through the contractor's website. In addition, hard copy written reports and documents will be mailed to the VA.
3. VA data is being stored at the contracting company. CSCA will be included in the contract.