



North Carolina Department of Administration

Beverly Eaves Perdue, Governor
Moses Carey, Jr., Secretary

Division of Purchase and Contract
James D. Staton, State Purchasing Officer

Memorandum

DATE: March 2, 2010

TO: Angela Wainwright
Purchasing Agent
Department of Crime Control & Public Safety

FROM: Mildred Christmas
State Procurement Specialist

RE: Thermoluminescent Dosimeter Service Contract
Your File – PR9147159
Our File #201000024

Approval is hereby granted for your office to award this contract to Landauer, Inc. which offered the lowest cost proposal for the above referenced services. The contract period will be for one (1) year beginning from date of award with the option to renew for two (2) additional one (1) year periods for a total annual cost not to exceed \$11,845.00.

Cc: File

Mailing Address:
1305 Mail Service Center
Raleigh, NC 27699-1305

State Courier 51-01-06
Internet Home Page: www.pandc.nc.gov
Phone: 919-807-4500
An Equal Opportunity / Affirmative Action Employer

Location Address:
116 West Jones Street
Raleigh, NC 27603-8002

3/1/2010



Solicitation (IFB, RFP, RFQ) No. 201000024

Bidder/Offeror: Landauer, Inc.

**THIS PAGE IS TO BE FILLED OUT AND RETURNED WITH YOUR BID. FAILURE TO DO SO
MAY SUBJECT YOUR BID TO REJECTION.**

ATTENTION

Federal Employer Identification Number or alternate identification number
(e.g., Social Security Number) is used for internal processing, including bid tabulation.

Enter ID number here: 06-1218089

Pursuant to N.C.G.S. 132-1.10(b) this identification number shall not be released to the public.

This page will be removed and shredded, or otherwise kept confidential,
before the procurement file is made available for public inspection.

LANDAUER

February 8, 2010

NC Department of Administration
Division of Purchase and Contract
116 West Jones Street
Room 4062 / 4th Floor
Raleigh, NC 27603-8002

RE: RFP Number 201000024

Dear Ms. Christmas:

Thank you for the opportunity to offer Landauer's proposal to provide personal radiation dosimetry services to the State of North Carolina. As you probably are aware, Landauer has been your dosimetry service provider for a number of years.

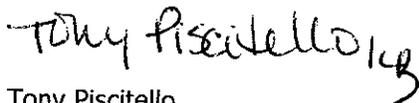
As a review, Landauer has been offering dosimetry services since 1954 and has been providing uninterrupted dosimetry service for over 50 years. We have over 40,000 clients and produce roughly 1.5 million dosimeters a month to the community we serve. In addition to providing dosimetry services to the majority of licensees in the United States, we also provide services in Japan, United Kingdom, France, Brazil, Canada, Australia, China and many other countries around the world.

Landauer offers a proprietary technology for dosimetry called Optically Stimulated Luminescence (OSL) under the trade names of Luxel+ and InLight. We made a conscience decision in the late 1990's to replace the old traditional technologies of Film and TLD with OSL to better serve our clients and meet the new regulatory standards in the USA and abroad. I will detail the specifics of our OSL technology later in this proposal. The Luxel+ and InLight dosimetry are fully NVLAP Certified and we will include the current certificate with this proposal.

We maintain a superior technical staff that includes 13 Ph.D. Physicist, 3 Certified Health Physicist, 6 Health Physicist, 9 Medical Physicist and a large staff of highly trained laboratory technicians.

I hope you find our proposal to provide radiation dosimetry service to be completed, but should you have any questions or require any additional information, please let me know. Again thank you for the opportunity to be of continued service to the State of North Carolina.

Sincerely,



Tony Piscitello
Southeast Region Sales Manager

TP:llb/NCEM 2010

COST PROPOSAL/EXECUTION OF PROPOSAL

By submitting this proposal, the potential contractor certifies the following:

- This proposal is signed by an authorized representative of the firm.
- It can obtain insurance certificates as required within 10 calendar days after notice of award.
- The cost and availability of all equipment, materials, and supplies associated with performing the services described herein have been determined and included in the proposed cost.
- All labor costs, direct and indirect, have been determined and included in the proposed cost.
- The offeror is aware of prevailing conditions associated with performing these services.
- The potential contractor has read and understands the conditions set forth in this RFP and agrees to them with no exceptions.
- The offeror is registered in NC E-Procurement @ Your Service or agrees to register within two days after notification of contract award.

Therefore, in compliance with this Request for Proposals, and subject to all conditions herein, the undersigned offers and agrees, if this proposal is accepted within 60 days from the date of the opening, to furnish the subject services for a cost not to exceed \$ 11,845.00.

OFFEROR: Landauer, Inc.

ADDRESS: 2 Science Road

CITY, STATE, ZIP: Glenwood, IL 60425

TELEPHONE NUMBER: (708) 755-7000 FAX: (708) 755-7011

E-MAIL: sales@landauerinc.com

Principal Place of Business if different from above (See General Information on Submitting Proposals, Item 18.):

Will any of the work under this contract be performed outside the United States? Yes No
(If yes, describe in technical proposal.)

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

BY: Tony Piscitello TITLE: Southeast Region Mgr. DATE: 02-09-2010
(Signature)

Tony Piscitello
(Printed name)

ACCEPTANCE OF PROPOSAL
(Using Agency Name)

BY: _____ TITLE: _____ DATE: _____

THIS PAGE MUST BE SIGNED AND INCLUDED IN YOUR PROPOSAL.

Unsigned proposals will not be considered.

Where Service Contracts Will Be Performed

In accordance with NC General Statute 143-59.4 (Session Law 2005-169), this form is to be completed and submitted with the offeror's (technical) proposal/bid.

Issuing Agency: Department of Administration Solicitation # 201000024
Agency Contact Person & phone #: Mildred C. Christmas, (919) 807-4525

Solicitation Title / Type of Services: *Thermoluminescent Dosimeter Service Contract*

OFFEROR: Landauer, Inc.
City & State: Glenwood, IL

Location(s) from which services will be performed by the contractor:

Service	City/Providence/State	Country
<u>Radiation Dosimetry</u>	<u>Glenwood, IL</u>	<u>USA</u>
_____	_____	_____
_____	_____	_____

Location(s) from which services are anticipated to be performed outside the U.S. by the contractor:

<u>NONE</u>	_____	_____
_____	_____	_____

Location(s) from which services will be performed by subcontractor(s):

Service	Subcontractor	City/Providence/State	Country
<u>NA</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Location(s) from which services are anticipated to be performed outside the U.S. by the subcontractor(s):

<u>NA</u>	_____	_____	_____
_____	_____	_____	_____

(Attach additional pages if necessary.)

Proposal Requirements

1. Corporate Background and Experience

This is covered on the first page, the following are just three of our many customers with which we service with Emergency Style Dosimeters. The contact names and phone numbers of just three of our customers have been included.

Illinois Emergency Management Agency

Bob Lommler
217/786-7129

IEMA has purchased the InLight 200 unit automatic reader and 2 microStar readers for their emergency response and environmental programs. Nine thousand InLight Landauer design dosimeters for emergency response and 1,300 environmental dosimeters are being used. Prior to the change over they used the same Luxel+ Emergency Style Dosimeter that is currently being provided by Landauer.

Pennsylvania Emergency Management Agency

Doug Fleck
717/651-2215

PEMA has enjoyed in the past using 29,000 to 30,000 Landauer Emergency Dosimeters for many years. Because of the cost of changing our 29,000 dosimeters every year PEMA converted to the InLight dosimeter as of July 1, 2007. Combined with the microStar readers they have saved money using and reading the InLight dosimeters in the field during an emergency or drill.

North Carolina Emergency Management Agency

Steven Payne
919/715-0170

North Carolina has used 5186 Landauer Emergency Style Dosimeters for many years with satisfaction. We look forward to servicing your account in the future as well.

2. Outsourcing

Landauer does not outsource, Landauer produces all of our dosimeters at our Glenwood, IL plant and converts raw Aluminum Oxide for the OSL dosimeters at our Crystal Growth facility at Still Water Industry just outside Oklahoma State University. We keep all the finished OSL at a state of zero under special lighting so the customer always received a fresh product.

SPECIFICATIONS FOR Dosimeter Contact

- 1. General Description:**
 - A.** The Luxel+ dosimeter has a strip of OSL and the filter pack capable of recording X, Beta, and Gamma.
 - B.** Luxel+ and InLight are fully NVLAP Accredited and we accept the bid for 5,250 NVLAP Accredited Dosimeters that exceed the TLD Technology that is a 25 year old outdated technology that Landauer, Inc. no longer uses. Luxel+ and InLight pass all NVLAP testing categories and is the state of the art in dosimetry

- 2. Physical Characteristics:**
 - A. Mechanical:**

The OSL dosimeter being offered meets and exceeds your requirements in design and can be washed, dried in a dryer or left out in the desert for three months with no ill effects.
 - B. Identification:**

All badges are fastened to your ID Card with the State Seal and each badge has it's own sequential number for easy identification and assignment to Emergency Workers.

- 3A Service Provisions:**
 - 1.** Landauer accepts your Terms and Delivery/payment requirements as stated.

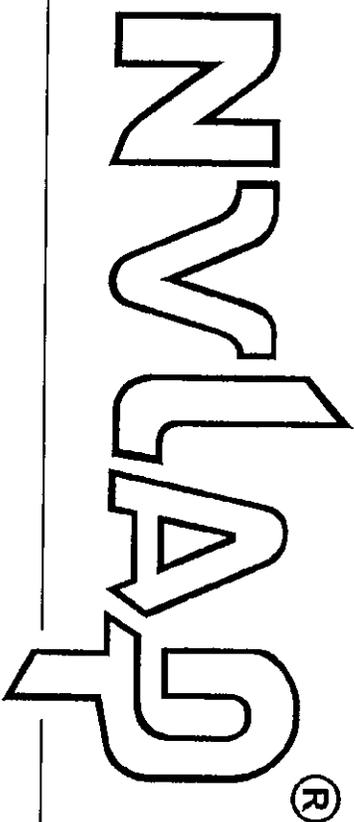
- 3B Maintenance:**
 - 1.** As Specified
 - 2.** As Specified
 - 3.** As Specified

- 3C. Distribution:**
 - 1.** As Specified
 - 2.** As Specified
 - 3.** As Specified

- 3D. Readout:**
 - 1.** As Specified
 - 2.** As Specified
 - 3.** Landauer, Inc. Agrees and the price of the dosimeter does cover the readings of each dosimeter used in a " True " Emergency Situation. Other requested for analysis would be at an additional cost of \$2.00 each dosimeter.
 - 4.** As Specified
 - 5.** Exception: Landauer has to be given previous exposures in order to give a report with lifetime cumulative doses. Landauer's standard report has Current, Quarterly, and Lifetime Totals if information is available.

- 3E. Emergency Service**
 - 1-2** Landauer will provide emergency readings on the dosimeters however the user must follow our set procedures for such readings. The State must notify Landauer of the Emergency and overnight the dosimeters to us. We will than have people ready to read and either phone, Fax, or E-mail the results to the Emergency Management Contact.
 - 3-4** As Specified – A fee of \$5,000 to establish an on site laboratory plus \$100.00 per hour/tech fee would apply. Equipment would be transported to site upon notification of an emergency situation in which a deployed technician and equipment are necessary.

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 100518-0

Landauer, Inc.
Glenwood, IL

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

IONIZING RADIATION DOSIMETRY

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2010-01-01 through 2010-12-31

Effective dates



Shelly S. Bures
For the National Institute of Standards and Technology