



# Francis Marion University Amendment #1

Solicitation Number **IFB-2446**  
 Date Issued **05/14/2024**  
 Purchasing Officer **Jennifer D Hester**  
 Phone **(843) 661-1161**  
 E-Mail Address **[jdhester@fmarion.edu](mailto:jdhester@fmarion.edu)**

DESCRIPTION: **Furnish, deliver, and assemble an Optically Stimulated Luminescence Dosimetry (OSL) System for Francis Marion University**

*The Term "Offer" Means Your "Bid" or "Proposal".*

SUBMIT OFFER BY (Opening Date/Time): ~~05/27/2024 2:00 pm EST~~ **05/28/2024 2:00pm EST** See "Deadline For Submission Of Offer" provision

~~QUESTIONS MUST BE RECEIVED BY: 05/13/2024 @ 2:00 pm EST~~ See "Questions From Offerors" provision

NUMBER OF COPIES TO BE SUBMITTED: **One (1) Original, hard copy mailed with one (1) flash drive or other USB device as Specified in a sealed package to one of the addresses listed below.**

**SUBMIT YOUR OFFER TO ONE OF THE FOLLOWING ADDRESSES IN A SEALED PACKAGE.**

MAILING ADDRESS: <b>Francis Marion University          Purchasing Office          P.O. Box 100547          Florence, SC 29502-0547</b>	EXPRESS SHIPPING ADDRESS: <b>Francis Marion University          Central Receiving          4822 E. Palmetto Street Florence,          SC 29506</b>	HAND-DELIVERY: <b>Francis Marion University          Purchasing Office (Room 102)          Stokes Administration Building          4822 E. Palmetto Street          Florence, SC 29506</b>
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CONFERENCE TYPE: <b>NA</b> Date & Time: <b>N/A</b> As appropriate, see "Conferences - Pre-Bid/Proposal" & "Site Visit" provisions	LOCATION: <b>N/A</b>
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<b>AWARD &amp; AMENDMENTS</b>	A Statement of Award will be posted at the Physical Address stated above on <b>05/30/2024</b> . The award, this solicitation, and any amendments will be posted at the following web address: <a href="http://www.fmarion.edu/procurement/solicitationsawards/">http://www.fmarion.edu/procurement/solicitationsawards/</a>
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You must submit a signed copy of this form with Your Offer. By submitting a bid or proposal, You agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of thirty (30) calendar days after the Opening Date.

NAME OF OFFEROR (Full legal name of business submitting the offer)		OFFEROR'S TYPE OF ENTITY: (Check one)  <input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation (tax-exempt) <input type="checkbox"/> Corporate entity (not tax-exempt) <input type="checkbox"/> Government entity (federal, state, or local) <input type="checkbox"/> Other _____
AUTHORIZED SIGNATURE  (Person signing must be authorized to submit binding offer to enter contract on behalf of Offeror named above.)		
TITLE (Business title of person signing above)		
PRINTED NAME (Printed name of person signing above)	DATE SIGNED	
(See "Signing Your Offer" provision.)		

Instructions regarding Offeror's name: Any award issued will be issued to, and the contract will be formed with, the entity identified as the offeror above. An offer may be submitted by only one legal entity. The entity named as the offeror must be a single and distinct legal entity. Do not use the name of a branch office or a division of a larger entity if the branch or division is not a separate legal entity, *i.e.*, a separate corporation, partnership, sole proprietorship, etc.

STATE OF INCORPORATION  (If Offeror is a corporation, identify the state of Incorporation.)	
TAXPAYER IDENTIFICATION NO.  (See "Taxpayer Identification Number" provision)	

**PAGE TWO**

(Return Page Two with Your Offer)

HOME OFFICE ADDRESS (Address for offeror's home office / principal place of business)	NOTICE ADDRESS (Address to which all procurement and contract related notices should be sent.) (See "Notice" clause)	
	Address	
	Phone #: Area Code-Number-Extension	Facsimile
	E-mail Address	

PAYMENT ADDRESS (Address to which payments will be sent.) (See "Payment" clause)	ORDER ADDRESS (Address to which purchase orders will be sent) (See "Purchase Orders and "Contract Documents" clauses)

ACKNOWLEDGMENT OF AMENDMENTS							
Offerors acknowledges receipt of amendments by indicating amendment number and its date of issue. (See "Amendments to Solicitation" Provision)							
Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date

DISCOUNT FOR PROMPT PAYMENT (See "Discount for Prompt Payment" clause)	10 Calendar Days (%)	20 Calendar Days (%)	30 Calendar Days (%)	_____ Calendar Days (%)
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## Amendment 1

### IFB- 2446 – Furnish, deliver, and assemble an Optically Stimulated Luminescence Dosimetry (OSL) System for Francis Marion University

#### AMENDMENTS TO SOLICITATION

- (a) The Solicitation may be amended at any time prior to opening.
- (b) Offerors shall acknowledge receipt of any amendment to this solicitation (1) by signing and returning the amendment, (2) by identifying the amendment number and date in the space provided for this purpose on Page Two, (3) by letter, or (4) by submitting a bid that indicates in some way that the bidder received the amendment.
- (c) If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.

#### Modifications

The following have been **added** or **changed/removed** or **emphasized**:

- 1) **Cover Page, Page 1- New Submit Offer Date and time.**

SUBMIT OFFER BY (Opening Date/Time): ~~05/27/2024 2:00 pm EST~~ **05/28/2024 2:00pm EST**

See "Deadline For Submission Of Offer" provision

- 2) **Scope of Work/Specifications- added/updated:**  
**Other Specifications:**

- 1. Technical support shall be provided for **3 years** of the provided product. Support shall be provided within 48 hours of a support request contact from the University. Support must include not only by phone but also remote diagnosis as well.

#### Questions Asked

(See next page)

<b>Question 1</b>	Please clarify which system, if any of these, the end user is expecting?			
		<b>Lexsyg Smart</b>	<b>myOSLchip</b>	<b>myOSL 2.0 / myOSLraser</b>
	OSL must be a single-chip machine.	Yes Bare	Yes Encapsulated	No
	OSL Reader must be capable of reading individual chip elements (rather than dosimetry badges).	Yes Automatic	Yes	No
	Sensitivity of dosimetry measurements must be 50 µGy (5 mrem) or better.	Yes	Yes	Yes
	OSL Reader must be capable of erase function for dosimeters that have been exposed to as much as 0.1 Gy.	Yes	Yes	Yes
	50 beryllium oxide (BeO) dosimeter chip elements must be capable of being used with the reader	Yes Automatic	Yes Individual / Manual Reading	Yes
	Element must have sensitivity calibration information.	No	Yes	Yes
	System must be capable of erasing chip elements up to 0.1 Gy.	Yes	Yes	Yes
<b>Answer</b>	The Scope of Work on pages 11-12 lists the required Specifications needed for this solicitation. For a bid to be responsive and responsible for IFB-2446, all specifications required and listed must be met.			
<b>Question 2</b>	In addition, the requirement: “Technical support shall be provided for the lifetime of the provided product. Support shall be provided within 48 hours of a support request contact from the University. Support must include not only by phone but also remote diagnosis as well.” There is no company that will agree to this statement for the “life of the system” and on a no charge basis. Is the solicitation expecting a line item to include this support charge for a fixed number of years? If so, there should be a reasonable limit, such as 5 – 7 years.			
<b>Answer</b>	See the updated Scope of Work: Specifications: Technical Support years required in the Modifications above (#2).			
<b>Question 3</b>	Define single-chip. InLight dosimeters have 4 sensors in one slide. Is request for 1 dosimeter at a time regardless of number of "chips"/OSL sensors			
<b>Answer</b>	The OSL reader will be used for education/research for undergraduate students. As such, the instrument should be able to read individual bare OSL elements rather than badges to allow the flexibility of exposing individual elements under a variety of conditions. Badges will introduce filtration in front of the elements, which is undesirable in this case since the reader is not used for dosimetry processing.			
<b>Question 4</b>	For 50 beryllium oxide (BeO) dosimeter chip elements, LDR uses Aluminum Oxide, is that an option?			
<b>Answer</b>	BeO is closer to being tissue equivalent for photons compared to aluminum oxide; we chose to specify BeO to reduce the low-energy photon energy dependence.			

**Vendor:** \_\_\_\_\_

**Authorized Signature:** \_\_\_\_\_  
 (Same signature as individual who signed cover page of the solicitation)

**Date:** \_\_\_\_\_

**END OF AMENDMENT 1**