

Posting Date: June 25, 2025

Closing Date: July 15, 2025 11:30 a.m. ET

Reference Number: 25-028048

To: NCI Bid Board

From: Viviane Rivera  
NCI CCR P-ARC  
viviane.rivera@nih.gov

Subject: NCI Bid Board Posting – Analysis of dynamic changes in plasma

The Radiation Oncology Branch (ROB) exists to plan and conduct pre-clinical and clinical research on the biologic and therapeutic effects of radiation administered alone or in combination with other modalities of treatment; to develop novel technology and imaging based approaches for radiation oncology; to investigate the natural history of disease to understand and evaluate means of diagnostic assessment for purpose of optimizing treatment selections; and to provide radiation therapy as well as general oncology consultations for patients admitted to other NIH Clinical Research Center (CRC) clinical services, in a collaborative approach.

The primary objective of this purchase is to expand on our previous studies by using the latest SomaScan® Discovery v5.0 11k Assay, delivering 11,000 protein measurements from non-human primate (NHP) plasma samples. In this project, we will examine biomarker profiles specific to multi-organ injury interactions. This study is a continuance of ongoing proteomic profiling studies using the SomaScan® Discovery v5.0 11k Assay.

The National Cancer Institute Plans to purchase Analysis of dynamic changes in plasma from SomaLogic, Inc, Boulder, CO. This is not a request for competitive quotation. However, if any interested party believes it can meet the attached requirements, it may submit a statement of capabilities. The capability statement must be in writing and must contain information and material in sufficient detail to allow NCI to determine if the party can fully meet this requirement. The capability statement must be received in the contracting office by 11:30 AM on July 15, 2025 ET. A determination by the Government not to compete this requirement based upon responses to this notice is solely within the discretion of the Government. Information received will be considered solely for the purpose of determining whether to conduct a competitive procurement.

Sole Source Justification:

The SomaScan Discovery assay delivering v5.0 11k protein measurements from plasma samples is a unique and proprietary assay that is not available through other vendors in the market. Since the current study is a continuation of a previous study that used the SOMAScan platform, continuity in data normalization and experiments is necessary. Inconsistency in data and/or experiments would lead to unacceptable study delays and substantial duplication of cost to the NCI that is not expected to be recovered through competition. No other proteomics assay currently on the market would be a comparable substitute and substitution with another product would not provide scientific findings useful for the current study.

Attached Documents: SF18

Statement of Work

52.204-24 Representation Regarding Certain Telecommunications and Video Surveillance Services or Equipment.

FAR Clause 52.213-4 Simplified Acquisitions Terms and Conditions (JAN 2014) is applicable and available in full text upon request

<b>REQUEST FOR QUOTATION (THIS IS NOT AN ORDER)</b>		THIS RFQ <input type="checkbox"/> IS <input checked="" type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE		PAGE 1 OF 1 PAGES	
1. REQUEST NO. <b>POTS 25-028048</b>	2. DATE ISSUED <b>06/25/2025</b>	3. REQUISITION/PURCHASE REQUEST NO.	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING	
5a. ISSUED BY			6. DELIVER BY (Date) <b>07/15/2025</b>		
5b. FOR INFORMATION CALL (NO COLLECT CALLS)			7. DELIVERY		
NAME		TELEPHONE NUMBER		<input type="checkbox"/> FOB DESTINATION <input checked="" type="checkbox"/> OTHER (See Schedule)	
<b>Viviane Rivera</b>		AREA CODE	NUMBER	9. DESTINATION	
		<b>240</b>	<b>760-7125</b>	a. NAME OF CONSIGNEE	
8. TO:			<b>Krishan THAKUR 240-858-3044</b>		
a. NAME		b. COMPANY		b. STREET ADDRESS	
		<b>SomaLogic, Inc</b>		<b>10 Center Drive, Rm B3B100</b>	
c. STREET ADDRESS			c. CITY		
<b>2945 Wilderness Place</b>			<b>Bethesda</b>		
d. CITY		e. STATE	f. ZIP CODE	d. STATE	e. ZIP CODE
<b>Boulder,</b>		<b>CO</b>	<b>80301</b>	<b>MD</b>	<b>20892</b>
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date)		IMPORTANT: This is a request for information and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or service. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotation must be completed by the quoter.			
<b>07/05/2025</b>					
<b>11. SCHEDULE (Include applicable Federal, State and local taxes)</b>					
ITEM NO. (a)	SUPPLIES/ SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
<b>1</b>	<b>Service Name: SomaScan Assay SSV5-11-1205</b>  Notice of Intent: If submitting a capability statement, please e-mail only 1 copy of the technical capability statement to: Viviane Rivera at viviane.rivera@nih.gov  See attached statement of work.  This will be awarded as a Firm-Fixed Price Contract	<b>29</b>	<b>EA</b>		<b>0.00</b>
12. DISCOUNT FOR PROMPT PAYMENT		a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS (%)	c. 30 CALENDAR DAYS (%)	d. CALENDAR DAYS
				<b>0.00</b>	NUMBER PERCENTAGE
NOTE: Additional provisions and representations <input type="checkbox"/> are <input type="checkbox"/> are not attached.					
13. NAME AND ADDRESS OF QUOTER			14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION
a. NAME OF QUOTER					
b. STREET ADDRESS			16. SIGNER		
c. COUNTY			a. NAME (Type or print)		b. TELEPHONE
					AREA CODE
d. CITY		e. STATE	f. ZIP CODE	c. TITLE (Type or print)	
				NUMBER	

# **STATEMENT OF WORK (SOW)**

## **1.0 TITLE**

**Analysis of dynamic changes in the blood proteome relative to multi-organ injury interactions following radiation exposure**

## **2.0 BACKGROUND**

The Radiation Oncology Branch (ROB) at the National Cancer Institute's (NCI's) Center for Cancer Research (CCR) designs and conducts pre-clinical and clinical research on the biologic and therapeutic effects of radiation therapy. Our laboratory has characterized novel radiation responsive proteins and correlated their patterns of expression with absorbed dose in models of both total body and partial body exposure.

Our laboratory has utilized the Somalogic, Inc., SomaLogic proteomic platform since 2020, which allows the simultaneous analysis of a high number of protein analytes from a single sample. Our collective studies have consistently shown that higher predictive accuracies for radiation exposure and level of dose prediction are achieved when multiple biomarkers are used, and the benefit of taking advantage of highly multiplexed proteomic expression analysis technologies. Our most recent work using the SomaScan® v.5 11K Analyte assay, which uses a proprietary aptamer-based approach to simultaneously screen 7,000 analytes, yielded novel panels of significantly altered proteomic biomarkers of radiation exposure.

## **2.1 OBJECTIVE**

This project's primary objective is to expand on our previous studies by using the latest SomaScan® Discovery v5.0 11k Assay, delivering 11,000 protein measurements from non-human primate (NHP) plasma samples. In this project, we will examine biomarker profiles specific to multi-organ injury interactions. This study is a continuance of ongoing proteomic profiling studies using the SomaScan® Discovery v5.0 11k Assay.

## **3.0 SCOPE**

The scope of the work to be performed is limited to a single screening of proteomic biomarkers in (29) NHP samples submitted to SomaLogic Operating Co., Inc for analysis using the SomaScan Assay v5.0 platform delivering 11K protein measurement from non-human plasma /[Product #SSV5-11-1205]. The work shall include sample processing, running of the assay which analyzes over 11,000 proteins, and final data

## **STATEMENT OF WORK (SOW)**

analysis. Data analysis shall include internal standardization and normalization, and preparation of the final report.

### **4.0 CONTRACT REQUIREMENTS/ AND PERSONNEL QUALIFICATIONS**

The Contractor shall perform the following tasks:

#### **4.1 TASK 1: PROCESS EACH SAMPLE RECEIVED**

Upon receipt of samples from the Government, the Contractor shall verify each sample label and the overall inventory of samples. The Contractor shall also aliquot from primary samples and any necessary dilutions for application on the assay platform.

#### **4.2 TASK 2: RUN ASSAY ANALYSIS**

The Contractor's assay analysis shall include a single analysis per sample of 11,000 protein analytes conducted on samples of at least 130  $\mu$ L using their proprietary SomaScan® v.5.0 11K Analyte assay. The analysis shall quantify proteins that span no less than 8 logs in abundance (from femtomolar to micromolar), with reproducibility of 4.6 median % CV (co-efficient of variation). The Contractor shall measure native proteins in complex matrices by transforming each individual protein concentration into a corresponding reagent concentration, which shall then be quantified by standard DNA techniques (microarrays or qPCR).

#### **4.3 TASK 3: DELIVER FINAL DATA AND ANALYSIS REPORT**

The Contractor shall deliver a final report inclusive of all data points for all samples which includes analysis data normalized against intra assay controls, and secondary normalization to interpolate control standards. Data shall be supplied for all submitted samples in the form of Relative Fluorescent Units (RFU) for all aptamers present in the assay. The report will be provided in .adat file format

### **5.0 TYPE OF ORDER**

This is a firm fixed price purchase order.

## STATEMENT OF WORK (SOW)

### 6.0 PERIOD OF PERFORMANCE

The period of performance shall be for 4 months from date of award from 7/15/25 – 12/31/25.

### 7.0 PLACE OF PERFORMANCE

All work shall be performed at

SomaLogic Operating Co., Inc  
2945 Wilderness Place  
Boulder, CO 80301  
www.somallogic.com

### 8.0 REPORT(S)/DELIVERABLES AND DELIVERY SCHEDULE

Electronic copies of the final report shall be provided in Word or Excel format within 30 days following submission of biological samples. The report shall be sent electronically to Mary Sproull ([sproullm@mail.nih.gov](mailto:sproullm@mail.nih.gov)) with Andrea Francesconi ([francesa@mail.nih.gov](mailto:francesa@mail.nih.gov)) in -cc.

Deliverables will include:

1. Confirmation of receipt of samples.
2. Performance of 29 samples run on the SomaScan® Discovery 11K Analyte Platform in accordance with Task 2.
3. Return of residual samples within 6 months of completion of analysis.

SomaLogic Operating Co., Inc  
2945 Wilderness Place  
Boulder, CO 80301  
www.somallogic.com

### 9.0 PAYMENT

Payment shall be made in a single payment. Payment authorization requires submission and approval of invoices to the COR and NIH OFM, in accordance with the attached payment provisions listed below:

## STATEMENT OF WORK (SOW)

The following clause is applicable to all Purchase Orders, Task or Delivery Orders, and Blanket Purchase Agreement (BPA) Calls: PROMPT PAYMENT (JUL 2013) FAR 52.232-25. Highlights of this clause and NIH implementation requirements follow:

### I. Invoice Requirements

- A. An invoice is the Contractor's bill or written request for payment under the contract for supplies delivered or services performed. A proper invoice is an "Original" which must include the items listed in subdivisions 1 through 12, below, in addition to the requirements of FAR 32.9. If the invoice does not comply with these requirements, the Contractor will be notified of the defect within 7 days after the date the designated billing office received the invoice (3 days for meat, meat food products, or fish, and 5 days for perishable agricultural commodities, dairy products, edible fats, or oils) with a statement of the reasons why it is not a proper invoice. (See exceptions under II., below.) Untimely notification will be considered in the computation of any interest penalty owed the Contractor.
1. Vendor/Contractor: Name, Address, Point of Contact for the invoice (Name, title, telephonenumber, e-mail and mailing address of point of contact).
  2. Remit-to address (Name and complete mailing address to send payment).
  3. Remittance name must match exactly with name on original order/contract. If the Remittance name differs from the Legal Business Name, then both names must appear on the invoice.
  4. Invoice date.
  5. Unique invoice #s for all invoices per vendor regardless of site.
  6. NBS document number formats must be included for awards created in the NBS: Contract Number; Purchase Order Number; Task or Delivery Order Number and Source Award Number (e.g., Indefinite Delivery Contract number; General Services Administration number); or, BPA Call Number and BPA Parent Award Number.
  7. Unique Entity Identifier (UEI) which is in the System for Award Management (SAM) and replaces the Dun & Bradstreet Data Universal Numbering System (DUNS) number.
  8. Federal Taxpayer Identification Number (TIN). In those rare cases where a contractor does not have a UEI number or TIN, a Vendor Identification Number (VIN) must be referenced on the invoice. The VIN is the number that appears after the contractor's name on the face page of the award document.
  9. Identify that payment is to be made using a three-way match.
  10. Description of supplies/services **that match** the description on the award, by line billed.\*

## STATEMENT OF WORK (SOW)

11. Freight or delivery charge must be billed as shown on the award. If it is included in the item price do not bill it separately. If identified in the award as a separate line item, it must be billed separately.
12. Quantity, Unit of Measure, Unit Price, Extended Price of supplies delivered or services performed, as applicable, and that **match** the line items specified in the award.\*

NOTE: If your invoice must differ from the line items on the award, please contact the Contracting Officer before submitting the invoice. A modification to the order or contract may be needed before the invoice can be submitted and paid.

Shipping costs will be reimbursed only if authorized by the Contract/Purchase Order. If authorized, shipping costs must be itemized. Where shipping costs exceed \$100, the invoice must be supported by a bill of lading or a paid carrier's receipt.

B. The Contractor shall submit invoices to the Department of Treasury's Invoice Processing Platform (IPP) at <https://www.ipp.gov> with a copy to the approving official, as directed below.

The Contractor shall submit a copy of the electronic invoice to the following Approving Official (Contracting Officer) and Contracting Officer's Representative:

Approving Official: Contracting Officer  
Name-            Email Address-

Contracting Officer's Representative  
Name-            Email Address-

## II. Invoice Payment

A. Except as indicated in paragraph B., below, the due date for making invoice payments by the designated payment office shall be the later of the following two events:

1. The 30th day after the designated billing office has received a proper invoice.
2. The 30th day after Government acceptance of supplies delivered or services performed.

B. The due date for making invoice payments for meat and meat food products, perishable agricultural commodities, dairy products, and edible fats or oils, shall be in accordance with the Prompt Payment Act, as amended.

## III. Interest Penalties

## **STATEMENT OF WORK (SOW)**

- A. An interest penalty shall be paid automatically, if payment is not made by the due date and the conditions listed below are met, if applicable.
1. A proper invoice was received by the designated billing office.
  2. A receiving report or other Government documentation authorizing payment was processed and there was no disagreement over quantity, quality, or contractor compliance with a term or condition.
  3. In the case of a final invoice for any balance of funds due the contractor for supplies delivered or services performed, the amount was not subject to further settlement actions between the Government and the Contractor.
- B. Determination of interest and penalties due will be made in accordance with the provisions of the Prompt Payment Act, as amended, the Contract Disputes Act, and regulations issued by the Office of Management and Budget.

### **IV. PROVIDING ACCELERATED PAYMENT TO SMALL BUSINESS SUBCONTRACTORS, FAR 52.232-40 (November 2021)**

- (a) Upon receipt of accelerated payments from the Government, the Contractor shall make accelerated payments to its small business subcontractors under this contract, to the maximum extent practicable and prior to when such payment is otherwise required under the applicable contract or subcontract, after receipt of a proper invoice and all other required documentation from the small business subcontractor.
- (b) The acceleration of payments under this clause does not provide any new rights under the Prompt Payment Act.
- (c) Include the substance of this clause, including this paragraph (c), in all subcontracts with small business concerns, including subcontracts with small business concerns for the acquisition of commercial products or commercial services.
- (End of Clause)

### **V. HHSAR 352.232-71 Electronic Submission of Payment Requests (February 2, 2022)**

- (a) Definitions. As used in this clause—  
Payment request means a bill, voucher, invoice, or request for contract financing payment with associated supporting documentation. The payment request must comply with the requirements identified in FAR 32.905(b), “Content of Invoices” and the applicable Payment clause included in this contract.
- (b) Except as provided in paragraph (c) of this clause, the Contractor shall submit payment requests electronically using the Department of Treasury Invoice Processing Platform (IPP) or successor system. Information regarding IPP, including IPP Customer Support contact information, is available at [www.ipp.gov](http://www.ipp.gov) or any successor site.



### **STATEMENT OF WORK (SOW)**

(c) The Contractor may submit payment requests using other than IPP only when the Contracting Officer authorizes alternate procedures in writing in accordance with HHS procedures.

(d) If alternate payment procedures are authorized, the Contractor shall include a copy of the Contracting Officer's written authorization with each payment request.

(End of Clause)