

Posting Date: October 08, 2024

Closing Date: October 17, 2024, 11:30 a.m. ET

Reference Number: 25-000178

To: NCI Bid Board

From: Christine Buntz  
NCI CCR P-ARC  
[christine.buntz@nih.gov](mailto:christine.buntz@nih.gov)

Subject: NCI Bid Board Posting – Purchase for the OX071 Radical for the Service for the Radiation Biology Branch.

The National Cancer Institute Division of The Laboratory of The Radiation Biology Branch research activities are focused on pre-clinical basic science research aimed at identifying and incorporating novel approaches to cancer treatment, evaluation, and prevention. A variety of approaches are evaluated at the molecular, biochemical, cellular, and physiological levels including the impact of the tumor microenvironment and metabolic mutations to improve cancer treatment. Intentional or accidental exposure of humans to ionizing radiation or a course of definitive radiation therapy can lead to cancer induction or second malignancies. Research studies are directed to identify interventions to delay or prevent radiation-induced cancer after the exposure has occurred. Emphasis is placed on gaining a better understanding of the mechanisms of cell killing and protection and the activation/inhibition of complex signaling pathways mediated by oxidative stress, including ionizing radiation, reactive oxygen species (ROS), and reactive nitrogen species (RNS).

The primary objective of this purchase is to ensure and continue the designing and making instrumentation to measure oxygen levels in mice. In order to locate where oxygen measurements in mice, The Radiation Biology Branch utilizes a EPRI imaging unit which requires the free radical probe OX071, to sense oxygen in tissue. This product is only synthesized at GE Precision Healthcare, there is no other compound which can be substituted to accurately measure tissue pO<sub>2</sub> levels. For continuation of research purposes and to maintain the highest level of accuracy to image mouse tumors the product must be purchased from the requested vendor.

The National Cancer Institute plans to purchase OX071 Radical from GE Precision Healthcare Inc, Waukesha, Wisconsin. 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 October 17, 2024 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:

GE Precision Healthcare Inc is the sole manufacturer of the compound OX071 Radical. The product is only created at GE Healthcare and the Radiation Biology Branch's data relies on the specifics of the OX071 compound. To use a different compound would disrupt the accuracy of the data previously captured. Market research was conducted, and vendors were contacted, however there were no vendors that could meet the requirement.

Attached Documents:

SF18

Statement of Need

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</b> (THIS IS NOT AN ORDER)		THIS RFQ <input type="checkbox"/> IS <input checked="" type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE	PAGE OF 1	PAGES 1
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1. REQUEST NUMBER	2. DATE ISSUED 10/8/2025	3. REQUISITION/PURCHASE REQUEST NUMBER G E E E E I	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING
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5a. ISSUED BY NIH/NCI-CCR P-ARC	6. DELIVER BY (Date) 11/27/2024
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5b. FOR INFORMATION CALL (NO COLLECT CALLS)		7. DELIVERY <input type="checkbox"/> FOB DESTINATION <input checked="" type="checkbox"/> OTHER (See Schedule)
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NAME Christine Buntz, Purchasing Agent	TELEPHONE NUMBER AREA CODE 240	NUMBER 760-6456	9. DESTINATION a. NAME OF CONSIGNEE John COOK 240-858-3092
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8. TO:		b. STREET ADDRESS 9000 Rockville Pike Bldg 10 RM B3B35
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a. NAME Waukesha	b. COMPANY	c. CITY Bethesda
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c. STREET ADDRESS 3000 North Grandview Boulevard	d. STATE WI	f. ZIP CODE 53188-1615	d. STATE MD	e. ZIP CODE 20892
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d. CITY Waukesha	e. STATE WI	f. ZIP CODE 53188-1615	d. STATE MD	e. ZIP CODE 20892
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10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date) 10/17/2024	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.
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**11. SCHEDULE (Include applicable Federal, State and local taxes)**

ITEM NUMBER (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
001	OX071 Radical  Notice of Intent: If submitting a capability statement, please e-mail only 1 copy of the technical capability statement to: Christine Buntz @ christine.buntz@nih.gov  See attached statement of need.  This will be awarded as a Firm-Fixed Price Contract	1	ea	0.00	\$0.00

12. DISCOUNT FOR PROMPT PAYMENT	a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS (%)	c. 30 CALENDAR DAYS (%)	d. CALENDAR DAYS NUMBER PERCENTAGE
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NOTE: Additional provisions and representations  are  are not attached.

13. NAME AND ADDRESS OF QUOTER		14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION	15. DATE OF QUOTATION
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a. NAME OF QUOTER	16. SIGNER	
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b. STREET ADDRESS	a. NAME (Type or print)	b. TELEPHONE
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c. COUNTY	a. NAME (Type or print)	AREA CODE
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d. CITY	e. STATE	f. ZIP CODE	c. TITLE (Type or print)	NUMBER
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## STATEMENT OF NEED (SON)

### 1.0 TITLE

Imaging of mice for pO<sub>2</sub> measurement using OXO71

### 2.0 BACKGROUND

The RBB has been designing and making instrumentation to measure tissue oxygen levels in mice for over 2 decades. In order to located where oxygen measurements in mice RBB utilizes a EPRI imaging unit which requires the free radical probe, OXO71, to sense oxygen in tissue.

### 3.0 TYPE OF ORDER

This is a Firm Fixed-Price Purchase Order.

### 4.0 SPECIAL ORDER REQUIREMENTS

#### 4.1 PRODUCT FEATURES/SALIENT CHARACTERISTICS

Purified OXO71 radical suitable for research pu

#### 4.2 DELIVERY / INSTALLATION

Deliver to: John Cook  
Phone #: 240-858-3092  
NIH  
Bld 10/ Rm B3B36  
Bethesda MD 20892

#### 4.3 TRAINING

N/A

### 5.0 PAYMENT

Payment shall be made once after delivery of the product. Payment authorization requires submission and approval of invoices to the COR and NIH OFM, in accordance with the payment provisions listed below:

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

## STATEMENT OF NEED (SON)

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 taken into account in the computation of any interest penalty owed the Contractor.

1. Vendor/Contractor: Name, Address, Point of Contact for the invoice (Name, title, telephone number, 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. Data Universal Numbering System (DUNS) or DUNS + 4 as registered in the Central Contractor Registration (CCR).
8. Federal Taxpayer Identification Number (TIN). In those exceptional cases where a contractor does not have a DUNS 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.\*
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.

B. 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.

C. Mail an original and 1 copy of the itemized invoice to:

National Institutes of Health  
Office of Financial Management, Commercial Accounts  
2115 East Jefferson Street, Room 4B-432, MSC 8500  
Bethesda, MD 20892-8500

## STATEMENT OF NEED (SON)

For inquiries regarding payment call: (301) 496-6088

In order to facilitate the prompt payment of invoices, it is recommended that the vendor submit a photocopy of the invoice to the "Consignee" designated for the acquisition in blocks 6A – 6E of the face page of the Order/Award document.

### 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

- 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 (DEC 2013)

- 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.

## **STATEMENT OF NEED (SON)**

Include the substance of this clause, include this paragraph c, in all subcontracts with small business concerns, including subcontracts with small business concerns for the acquisition of commercial items.