

Posting Date: November 27, 2024

Closing Date: December 7, 2024 11:30 a.m.

ET Reference Number: 25-005270

To: NCI Bid Board

From: Viviane Rivera  
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Subject: NCI Bid Board Posting – Radical OX071

The National Cancer Institute (NCI) 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 micro environment 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 is to obtain clinical-grade Radical OX071 for the use in electron paramagnetic resonance to measure tissue oxygen concentrations in live animals to support clinical studies.

The National Cancer Institute, plan to purchase clinical-grade Radical OX071 from the General Precision Healthcare (GE). This is not a request for competitive quotations. 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 is the party can fully meet this requirement. The capability statement must be received in the contracting office by 11:30 AM on December 7, 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.

**Source Justification:**

Many attempts by other vendors were made through Google search and land line calls. No vendor was able to supply our unique Radical product. GE Healthcare is the only manufacturer capable of manufacturing this material at the quantity and quality needed for our studies.

**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

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
a. NAME OF QUOTER				
b. STREET ADDRESS		16. SIGNER		
c. COUNTY		a. NAME <i>(Type or print)</i>		b. TELEPHONE AREA CODE
d. CITY	e. STATE	f. ZIP CODE	c. TITLE <i>(Type or print)</i>	NUMBER