

Posting Date: July 23, 2021

Closing Date: August 2, 2021 11:30 a.m. ET

Reference Number: 21-042135

To: NCI Bid Board

From: Tanika Crossen  
NCI P-ARC Program Analyst  
crossent@nih.gov

Subject: NCI Bid Board Posting – CytoFLEX upgrade from B3-R2-V0 to B3- R2-V2

The Laboratory of Immune Cell Biology is composed of independent laboratories with a common interest in the biology of the immune system at the molecular and cellular levels. Dr. Bosselut's group investigates how T cell receptor (TCR) engagement promotes survival and differentiation of T lymphocyte precursors during their intrathymic development (a process known as positive selection). Previous studies have examined how signaling by CD4 and CD8 molecules impacts TCR-induced differentiation events during positive selection. Current projects aim at identifying intracellular pathways, and their target genes, that transduce survival and differentiation signals during positive selection. Ongoing approaches make use of models generated in the laboratory, in which premature interruption of TCR signals blocks thymocyte development at intermediate steps of the selection process.

The purpose of this acquisition is to upgrade CytoFLEX from B3-R2-V0 to B3-R2-V2. The current Beckman Coulter Cytoflex flow cytometer is capable of detecting 5 different fluorochromes. For many of Dr. Bosselut's experiments, 5 fluorochromes is not sufficient. This upgrade will expand the number of fluorochromes detected on current cytometer, Beckman Cytoflex, from 5 to 7.

**Sole Source Justification:**

The upgrade to expand the numbers of detectors on the current flow cytometer must be compatible with the technology of the current machine and can therefore only be provided by the manufacturer, Beckman Coulter.

**Attached Documents:**

SF18

Statement of Work

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

FAR Clause 52.213-4 Simplified Acquisitions Terms and Conditions (AUG 2020) 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 OF PAGES 1 OF 1
---	--	-------------------------

1. REQUEST NO. 21-042135	2. DATE ISSUED 7/23/2021	3. REQUISITION/PURCHASE REQUEST NO.	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING
-----------------------------	-----------------------------	-------------------------------------	--	--------

5a. ISSUED BY NCI CCR Purchasing Administrative Resource Center	6. DELIVER BY (Date)
--	----------------------

5b. FOR INFORMATION CALL (NO COLLECT CALLS)	7. DELIVERY <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)	9. DESTINATION
---	---	----------------

NAME Tanika Crossen, Program Analyst	TELEPHONE NUMBER AREA CODE NUMBER 301 480-0602	a. NAME OF CONSIGNEE NIH, NCI
---	--	----------------------------------

8. TO: a. NAME	b. COMPANY Beckman Coulter	b. STREET ADDRESS
-------------------	-------------------------------	-------------------

c. STREET ADDRESS	c. CITY Bethesda
-------------------	---------------------

d.. CITY	e.. STATE MD	f.. ZIP CODE 20892	d.. STATE	e. ZIP CODE 20892
----------	-----------------	-----------------------	-----------	----------------------

10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date) 8/2/2020 11:30 EST	<b>IMPORTANT:</b> This is a request for information, and quotations furnished are not offers. If you are unable to quote, please 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 services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.
---	---

**11. SCHEDULE (Include applicable Federal, State and local taxes)**

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
	Upgrade CytoFLEX from B3-R2-V0 to B3-R2-V2  Notice of Intent: If submitting a capability statement, please e-mail only 1 copy of the technical capability statement to Tanika Crossen @ crossent.mail.nih.gov  See attached statement of work  This will be awarded as a Firm-Fixed Price Contract.				

12. DISCOUNT FOR PROMPT PAYMENT	a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS (%)	c. 30 CALENDAR DAYS (%)	d.. CALENDAR DAYS NUMBER PERCENTAGE
---------------------------------	-------------------------	-------------------------	-------------------------	--

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	16. SIGNER	
-------------------	------------	--

b. STREET ADDRESS	a. NAME (Type or print)	b. TELEPHONE AREA CODE
-------------------	-------------------------	---------------------------

c. COUNTY	e. STATE	f. ZIP CODE	c. TITLE (Type or print)	NUMBER
-----------	----------	-------------	--------------------------	--------

Bosselut Lab – Cytoflex upgrade

## **1.0 TITLE**

Upgrade for Bosselut Laboratory flow cytometer, the Beckman Coulter Cytoflex.

## **2.0 BACKGROUND**

The Beckman Coulter Cytoflex flow cytometer is capable of detecting 5 different fluorochromes. For many of our experiments, 5 fluorochromes is not sufficient. The upgrade will expand the number of fluorochromes detected on our current cytometer, Beckman Cytoflex, from 5 to 7.

## **3.0 TYPE OF ORDER**

This is a Firm Fixed-Price Purchase Order.

## **4.0 SPECIAL ORDER REQUIREMENTS**

### **4.1 PRODUCT FEATURES/SALIENT CHARACTERISTICS**

#### **Required Specifications:**

- Enhanced detection capabilities on our current flow cytometer to include detection of violet fluorochromes.
- Expand the numbers of detectors on current flow cytometer and must be compatible with the technology of current machine
- Using their proprietary technology, the violet laser will be activated on our current machine.

### **4.2 DELIVERY / INSTALLATION**

Deliver to Dr. Melanie Vacchio, 37 Convent Dr, Building 37, Room 3016, Bethesda MD, 20892.

### **4.4 TRAINING**

The system includes installation, and familiarization but no training. Additional training is not required as the expansion package uses same technology as previously.

## **5.0 CONSIDERATION AND PAYMENT**

Payment shall be made upon the delivery and acceptance of all required items.

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

As prescribed in 4.2105(a), insert the following provision:

REPRESENTATION REGARDING CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (AUG 2019)

(a) Definitions. As used in this provision—

Covered telecommunications equipment or services, Critical technology, and Substantial or essential component have the meanings provided in clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

(b) Prohibition. Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. Contractors are not prohibited from providing—

(1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(2) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(c) Representation. The Offeror represents that—

It [ ] will, [ ] will not provide covered telecommunications equipment or services to the Government in the performance of any contract, subcontract or other contractual instrument resulting from this solicitation.

(d) Disclosures. If the Offeror has responded affirmatively to the representation in paragraph (c) of this provision, the Offeror shall provide the following information as part of the offer—

(1) All covered telecommunications equipment and services offered (include brand; model number, such as original equipment manufacturer (OEM) number, manufacturer part number, or wholesaler number; and item description, as applicable);

(2) Explanation of the proposed use of covered telecommunications equipment and services and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b) of this provision;

(3) For services, the entity providing the covered telecommunications services (include entity name, unique entity identifier, and Commercial and Government Entity (CAGE) code, if known); and

(4) For equipment, the entity that produced the covered telecommunications equipment (include entity name, unique entity identifier, CAGE code, and whether the entity was the OEM or a distributor, if known).

(End of provision)