

USM SSP 24\_007 Notice of Proposed Sole Source Purchase of 10X Reagents.

[http://www.ms.gov/dfa/contract\\_bid\\_search/Bid](http://www.ms.gov/dfa/contract_bid_search/Bid)

RFx: 3150005273

Comments/objections will be received as required per Section 31-7-13 (C) of the Mississippi Code until 8:00 a.m. (Central Time) on October 6, 2023.

Any person or entity that objects and proposes that the commodity listed is not sole source and can be provided by another person or entity shall submit a written notice to:

Steve Ballew

Director of Procurement & Contracts 118 College Dr. Box 5003 Hattiesburg, MS 39406

[bids@usm.edu](mailto:bids@usm.edu)

Phone: 601-266-4131

Subject Line must read "Sole Source Objection USM SSP 24\_007"

The notice shall contain a detailed explanation of why the commodity is not a sole source procurement. Appropriate documentation shall also be submitted if applicable.

If after a review of the submitted notice and documents, USM determines that the commodity in the proposed sole source request can be provided by another person or entity, then USM will withdraw the sole source request publication from the procurement portal website and submit the procurement of the commodity to an advertised competitive bid or selection process.

If USM determines after review that there is only one (1) source for the required commodity, then USM will appeal to the Public Procurement Review Board. USM will have the burden of proving that the commodity is only provided by one (1) source.

**Run Dates: 10/18, 10/25**

**The University of Southern Mississippi**  
**Notice of Proposed Sole Source Purchase**  
**SSP 24\_007**

The University of Southern Mississippi anticipates purchasing the item(s) listed below as a sole source purchase. Anyone objecting to this purchase shall follow the procedures outlined below.

1. Description of the commodity that USM is seeking to procure:

The University of Southern Mississippi is requesting purchase of reagents for the 10X Genomics Chromium iX Single Cell Immune Profiling system, including the Chromium Next GEM Single Cell 3' Kit, Dual Index Kit TT Set A, and Chromium Next GEM Chip G Single Cell Kit. A Chromium iX instrument is housed in the USM Imaging Core Facility, and these reagent kits work with the Chromium iX for single cell RNA sequencing library preparation. The kits allow for individual cell characterization and gene expression profiling of 500 to 10,000 cells per sample and 80,000+ cells per run.

2. Explanation of why the commodity is the only one that meets the needs of the agency:

Mississippi INBRE Imaging Core Facility houses a 10X Genomics Chromium iX Single Cell Immune Profiling system. Users of the core have several specific needs for current and future research projects, including 3' gene expression analysis. Preparation of samples for these assays requires library formation. The Chromium Next GEM Single Cell 3' Kit is the only reagent that can create the 3' RNA sequencing libraries needed for analysis and be used on the owned Chromium iX instrument at USM. Obtaining the Chromium Next GEM Single Cell 3' reagents will help satisfy the needs of facility users and significantly advance single cell gene expression analysis for USM researchers and those throughout the state of Mississippi.

3. Explanation of why the source is the only source is the only person or entity that can provide the required commodity:

The 10X Genomics Chromium Next GEM Single Cell 3' Kit, Dual Index Kit TT Set A, and Chromium Next GEM Chip G Single Cell Kit are all proprietary to the vendor. 10X Genomics kits are the only reagents that can be used on the Chromium iX currently at USM. The patented Next GEM (Gel Beads-in-Emulsion) system technology used in the kits and instrument is also unique and proprietary to the vendor, and is essential for effective and efficient single cell gene analysis. Purchase of 10X Genomics reagents will expand the core offerings and research opportunities for Mississippi investigators.

4. Explanation of why the amount to be expended for the commodity is reasonable:

The cost of the 10X Genomics Single Cell 3' Kit, Dual Index Kit TT Set A, and Chromium Next GEM Chip G Single Cell Kit is comparable in cost to other genomics and sequencing preparation reagents on the market.

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5. Efforts that the agency went through to obtain the best possible price for the commodity:

A 25% discount off the listed price of all reagents was negotiated with the vendor.

| <b>Advertisement Schedule</b>   | <b>Date</b>     |
|---------------------------------|-----------------|
| <b>1<sup>st</sup> scheduled</b> | <b>10/18/23</b> |
| <b>2<sup>nd</sup> scheduled</b> | <b>10/25/23</b> |

Any person or entity that objects and proposes that the commodity listed is not sole source and can be provided by another person or entity shall submit a written notice by October 6, 2023, 8:00 AM CST,

to:

Steve Ballew

Director of Procurement & Contracts

steve.ballew@usm.edu

**Subject Line must read "Sole Source Objection 24\_007"**

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