

**Mississippi State University**  
**Notice of Proposed Sole Source Purchase**  
**245-97**

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

**1. Commodity or commodities to be purchased (make, model, description):**

PromethION 2 Solo Starter Pack

**2. Explanation of the need to be fulfilled by this item(s), how is it unique from all other options, and why it is the only one that can meet the specific needs of the department:**

Oxford nanopore is the only commercially viable long-read sequencing technology that offers 90-99% accuracy for DNA sequencing. It is the only company that provides the epigenetics information from native DNA without any additional downstream processing.

**3. Name of company/individual selling the item and why that source is the only possible source that can provide the required item(s):**

Oxford Nanopore is the only commercially viable long-read sequencing technology that offers 90-99% accuracy for DNA sequencing.

**4. Estimated cost of item(s) and an explanation why the amount to be expended is considered reasonable:**

\$28,355; The platform is cost-effective for high-quality sequencing, offering lower cost per base compared to other technologies, especially for projects requiring long reads.

**5. Explanation of the efforts taken by the department to determine this is the only source and the efforts used to obtain the best possible price:**

The Gulf Coast Aquatic Health Lab will be the first of its kind to offer genomics epidemiology services to identify and characterize emerging viruses. Extensive research went into identifying specific equipment to achieve this objective. Provided with this request is a letter of exclusivity from the vendor stating that they are the only vendor who makes this product.

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:

Jennifer Mayfield, CPPO  
Director of Procurement & Contracts  
[jmayfield@procurement.msstate.edu](mailto:jmayfield@procurement.msstate.edu)  
Subject Line must read "Sole Source Objection"

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, MSU determines that the commodity in the proposed sole source request can be provided by another person or entity, then MSU 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 MSU determines after review that there is only one (1) source for the required commodity, then MSU will appeal to the Public Procurement Review Board. MSU will have the burden of proving that the commodity is only provided by one (1) source.