Proposed Sole Source Purchase Form

Pursuant to New Mexico Procurement law, the UNM Purchasing Department will post your completed form on the UNM Sunshine Portal for 30 days prior to purchase of the goods/services.

I. GENERAL INFORMATION. PLEASE PROVIDE THE FOLLOWING:

<table>
<thead>
<tr>
<th>Date of Request</th>
<th>April 15, 2019</th>
<th>Requisition Number (If Applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Request Submitted by</td>
<td>Cindy Lynn Salazar</td>
<td>Title</td>
</tr>
<tr>
<td>Department</td>
<td>Molecular Genetics &amp; Microbiol</td>
<td>Email</td>
</tr>
<tr>
<td>Proposed Vendor</td>
<td>Amnis of Luminex</td>
<td>Amount $253,709.40</td>
</tr>
<tr>
<td>Buyer Team - See Commodity list at <a href="http://www.unm.edu/~purch/commcodes.pdf">http://www.unm.edu/~purch/commcodes.pdf</a></td>
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Provide a basic description of goods/services to be provided:

An upgrade to the 12 Image Channel option includes a second image detection system, including filters and a second proprietary charge-coupled device (CCD) camera. An upgrade and addition of the Violet excitation 405nm Laser includes adding another color excitation laser to our original two laser instrument. An upgrade and addition of the Green excitation 561nm Laser includes adding another color excitation laser to our original two laser instrument. Two Year Service Contract

Why is this purchase needed?

The Amnis Imagestream Mark II was originally purchased from Millipore Sigma, now Luminex Corporation. The purchase will significantly expand the experimental flexibility and analytical potential of the instrument by doubling the number of images acquired. It will also improve data quality by reducing or eliminating spectral crosstalk between detection channels, improve throughput via multiplexing of experiments in a single tube or sample well and make certain the instrument remains up-to-date with existing technology.

II. BASIS FOR SOLE SOURCE PROCUREMENT. CHOOSE APPLICABLE BOX(ES) AND PROVIDE ADDITIONAL INFORMATION, AS REQUESTED:

☒ Proprietary item, technology or service only available from the proposed vendor. (Check box and describe proprietary component)

The Amnis Imagestream Mark II instrument was purchased from Amnis Millipore Sigma, now Luminex Corporation. The Amnis Imagestream Mark II instrument was also manufactured by Luminex Corporation, is constantly in a state of development by Luminex Corporation, and only Luminex Corporation can provide updates or upgrades to the instrument with over 40 unique patents protecting its unique inventions and engineering designs used in the ImageStreamX Mk II.
Compatibility requirement with existing item, technology or service. (Check box and describe compatibility requirement)

The patented design and trademarked products supplied by Luninex Amnis have been extensively evaluated, and the University believes Luninex Amnis to be the only solution or vendor capable of supplying upgrades, repairs or replacements to the original instrument. The original instrument is compatible and allows for such upgrades, installable by certified technicians. Additionally, this upgrade to original instrument will provide the most advanced educational and research environment for UNM AIM Core investigators, improving a functionality, capabilities, and applications.

Renewal of support/maintenance/subscription of software, technology or other intellectual property. (Check box and describe)

Other Basis for Sole Source: Please describe below:

III. SUPPLEMENTAL DETAILS. PLEASE PROVIDE ADDITIONAL INFORMATION AS REQUESTED BELOW:

Describe in detail the unique capabilities of the proposed vendor’s goods/service and/or personnel performing the work and why this constitutes the only source. Focus on what is unique about the goods/service and why no other vendor could meet your needs.

Amnis Millipore Sigma offers the most advanced Imaging Flow Cytometers in the industry. Equipment necessary to repair, replace or update outdated components of original equipment can only be supplied by Luminex Amnis since the Amnis Imagestream Mark II instrument is a trademarked product with patented designs that are manufactured and are constantly in a state of development by Luminex Amnis. Luminex Amnis does not outsource 3rd party service providers or contractors to perform repairs or any other service activities on the Luminex Amnis equipment. Therefore, there is no other company that can provide specialized parts for repair, upgrade the software, or provide equipment for out of date components since Luminex Amnis does all the R&D, manufactures all of its parts and owns the software needed to operate the systems.
Describe the due diligence made to locate other possible sources including communications with other universities, communications with similar providers, web searches, yellow page searches, review of advertisements and trade publications, etc.

A search concludes that Luminex Amnis is the only company that can provide trademarked products and patented replacement components for Luminex Amnis original equipment so that the equipment functions properly and remains up-to-date with existing technology.

List the other vendors who were contacted. Please describe the specs/qualifications/criteria that the other vendors were unable to satisfy.

No other vendors manufacture, can repair, or provide parts and upgrades to Luminex Amnis trademarked and patented spectrometers; therefore, no other vendors were contacted. Luminex Amnis has over 40 unique patents protecting its unique inventions and engineering designs used in the ImageStreamX Mark II.