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>11/20/2017</th>
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</thead>
<tbody>
<tr>
<td>Request Submitted by</td>
<td>Dr. Debra MacKenzie</td>
</tr>
<tr>
<td>Department</td>
<td>College of Pharmacy-Pharm Sciences</td>
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<td>Email</td>
<td><a href="mailto:dmackenzie@salud.unm.edu">dmackenzie@salud.unm.edu</a></td>
</tr>
<tr>
<td>Phone</td>
<td>272-6535</td>
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<tr>
<td>Proposed Vendor</td>
<td>CDC Foundation</td>
</tr>
<tr>
<td>Amount</td>
<td>$649,679.55</td>
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</table>

Provide a basic description of goods/services to be provided:

Analysis of blood and urine samples for a panel of 35 metals and metalloids.

**Why is this purchase needed?**

The funded grant objectives are to determine if metal exposure (measured through this analysis) are associated with measured health outcomes. The sample analysis is critical to meet this objective.

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 Division of Laboratory Science operates CDC’s National Biomonitoring Program, using state-of-the-art technology and proven rugged and dependable methods. The branch publishes some of this data in CDC’s National Report on Human Exposure to Environmental Chemicals. By using DLS’s Inorganic and Radiation Analytical Toxicology Laboratory, we can ensure that the data will be directly comparable to national biomonitoring data. The limits of detection are nearly impossible to meet in other laboratories, and the breath of analytical methods are also not available elsewhere. CDC lot screens all collection devices, which enables the extremely low limits of detection, this is not found in other laboratories. The ability to measure inorganic chemicals and inorganic species in people is and important part of CDC’s role in biomonitoring and directly relevant to the vulnerable population we are trying to look at.

- Compatibility requirement with existing item, technology or service. (Check box and describe compatibility requirement)
This laboratory has performed the analysis for the study preceding this one on over 700 study participants. It is critical for consistency to utilize the same lab and techniques for the continuation of the study. This contract is necessary because the funding source is different for the continuation (NIH) versus CDC funding for the initial study.

☐ 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.
CDC lot screens all collection devices, which enables the extremely low limits of detection, this is not found in other laboratories. The ability to measure inorganic chemicals and inorganic species in people is an important part of CDCs role in biomonitoring and directly relevant to the vulnerable population we are trying to look at. The ability of CDC’s laboratory to measure the metal uranium (our primary contaminant of interest) at a level of sensitivity required is essential and not available in other facilities.

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.

The NIH ECHO program has a laboratory that might be able to perform these analysis at some point in the future, but do not at this time have the capacity to either test the battery of metals or to supply the prescreened items that are required for the study. If and when that laboratory comes on line with the appropriate capacity, cost comparisons and data comparisons will be made.

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

N/A. Because of the need for consistency in analytical approaches-data from the first four years of this study needs to be consistent with the remaining years of the study and because the CDC lab who will be performing this analysis is the same lab that establishes the National norms on which our comparisons are made, other vendors were not considered.