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>Requisition Number (If Applicable)</th>
<th>86445719</th>
</tr>
</thead>
<tbody>
<tr>
<td>Request Submitted by</td>
<td>Michael Martinez</td>
<td>Title Admin Assist</td>
</tr>
<tr>
<td>Department</td>
<td>Physics &amp; Astronomy</td>
<td>Email <a href="mailto:Mikem87@unm.edu">Mikem87@unm.edu</a></td>
</tr>
<tr>
<td>Proposed Vendor</td>
<td>Dr. Konstantin Toms</td>
<td>Amount $108,000.00</td>
</tr>
</tbody>
</table>

Buyer Team - See Commodity list at [http://www.unm.edu/~purch/commcodes.pdf](http://www.unm.edu/~purch/commcodes.pdf)

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

Why is this purchase needed?
Particle physics research.

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)

This software suite was developed by Dr. Toms. Modifications depend upon theoretical calculations of which he is the originator.

☐ Compatibility requirement with existing item, technology or service. (Check box and describe compatibility requirement)
☐ 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.

Dr. Toms has been developing this software in previous versions continuously since 2005, uniquely for use by UNM experimenters in our collaborators on the ATLAS Experiment. The calculations used for the theoretical interface are uniquely his.
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 software used for this experiment is custom and not available for purchase through vendors typically reached with trade publications, yellow pages, and so forth. It has been developed over the course of 10 years by one individual, Dr. Toms, and is central to the UNM particle physics research program. Implementation of the software is only permitted to members of the ATLAS Experiment which includes UNM but not most other universities in the US.

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

Dr. Toms is widely known within the ATLAS Experiment as the originator and developer of this research software. There are no other relevant vendors.