JUSTIFICATION FOR SOLE SOURCE PROCUREMENT (Complete for PR’s >$50,000)  
*(To be completed by Requester or SOTR)*

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| Issued By: Jack Segal | PR No: 358986 | Estimated Cost: 81,540 | Date: 10/27/2015 |
| Vendor Name and Address: GMW Associates, 955 Industrial Road, San Carlos, CA 94070 | | | |
| Description of item or services/work to be acquired: **Digital NMR Teslameters. Replacement Units for defective ones currently in the Jefferson Lab Hall A.** | | | |
| Was Procurement consulted? Yes  No , If yes- name of Procurement Representative A.DeChristopher Jr.  Was JLab’s Small Business Office consulted (Danny Lloyd ext 7121, [Lloyd@jlab.org](mailto:Lloyd@jlab.org))? Yes  No | | | |

1. ***Identify the reason(s) for the requested sole source procurement:***

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|  |  | Unique capability, expertise, facilities, proprietary data, or equipment that no other source can provide. |
|  |  | Compatibility with existing equipment and/or standardization of parts. |
|  |  | Follow-on work for continued development or enhancement of a specialized system or equipment or services necessary to avoid substantial duplication of costs that would not be recoverable, and/or significant, unacceptable delays in fulfilling program needs. |
|  |  | An unusual or compelling urgency that would cause an adverse safety, environmental, or programmatic impact of such a nature and magnitude that a sole source justification is merited. |
|  |  | To establish or maintain a source for industrial mobilization or engineering, development, or research capability. |
|  |  | Authorized or required by statute or International agreement. |
|  |  | Source is acknowledged and demonstrated to be the leader in its field of expertise (normally only appropriate for R&D work). |
|  |  | National Security or public interest reasons. |
|  |  | Unique bonding, insurance or indemnification requirements. (Appropriate only if the Subcontractor is a Large Business.) |
|  |  | Services of an expert or neutral person for any current or anticipated litigation or dispute. |

1. ***Explain why the identified subcontractor is the only qualified source, based on the reason(s) marked above, including any unique capabilities, expertise, processes, or facilities:***

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| The NMR magnetic field probes installed inside the Hall A High Resolution Spectrometer's dipole magnet bores are a proprietary design by Metrolab. These Metrolab meters are required to read the Metrolab probes. It is not physically possible to access the existing probes to replace them with probes of a different manufacturer's design. The probes are required to maintain the field accuracy and stability required of the dipoles. |

1. ***Describe market research efforts to locate other sources (Discuss other vendors, models, etc. that were evaluated, rejected, and why?  Provide brand name, model, vendor name and contact, date contacted.)***

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1. ***Follow-On Work:***

Is there potential for follow-on work? Yes  No  If yes, can the follow-on work be competed?   
 Yes  No  (If follow-on work cannot be competed explain why below)

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