

# Notice of Intent to Certify Sole Source

---

**To:** Interested Parties

**From:** Stacy Baldwin  
Agency Procurement Officer

**Date:** October 31, 2016

**Re:** Sole Source Certification Number **SS5057** for Infinite Horizon Spinal Cord Impactor System (IH-0400 Impactor)

**Contact Email Address:** [solesource@umc.edu](mailto:solesource@umc.edu)

---

## Sole Source Certification Award Details

Regarding UMMC Sole Source Certification Number **SS5057** for Infinite Horizon Spinal Cord Impactor System (IH-0400 Impactor), please be advised that UMMC intends to award the purchase of the IH-0400 Impactor to Precision Systems and Instrumentation, LLC (PSI, LLC) as the sole source provider of the IH-0400 Impactor. UMMC issues this notice in accordance with Mississippi state law, policy, and procedures for sole source procurements.

### Sole Source Criteria

1. Where the compatibility of equipment, accessories, or replacement parts is the paramount consideration (and manufacturer is the sole supplier).
2. Where a sole supplier's item is needed for trial use or testing.
3. Where a sole supplier's item is to be required when no other item will service the needs of UMMC.

### Schedule

Task	Date
First Advertisement Date	October 31, 2016
Second Advertisement Date	November 7, 2016
Response Deadline from Objectors	November 14, 2016, at 3:00 p.m. Central Time

## Project Details

**1. Describe the commodity that the agency is seeking to procure:**

The University of Mississippi Medical Center (UMMC) seeks to purchase Infinite Horizon Spinal Cord Impactor System, IH-0400 Impactor, which is a unique spinal contusion device specifically designed for medical research using rats and mice. The Infinite Horizon Spinal Cord Impactor System is the only supplier of a ready-to-use, fully assembled, force-controlled rodent spinal cord contusion device for spinal cord trauma research. The IH-0400 Impactor is a state of the art computer controlled instrument that minimizes the amount of physical hardware and maximizes the use of software signal processing and modern microcontrollers in response to the need for a spinal cord injury device for rodents.

**2. Explain why the commodity is the only one (1) that can meet the needs of the agency:**

The Infinite Horizon Spinal Cord Impactor System is the only commercially available spinal cord contusion system with the capability to apply highly controllable injuries to the spinal cord tissue of very small specimens such as mice. This is the only device that is widely commercially available that will allow the investigator to: 1) control lesion variables such as force (determining severity of injury) and dwell time (providing tight investigator control over the time period of which force is applied to the rodent spinal cord), 2) easily switch conditions that will allow modeling in rat vs mouse conditions. As such, it is the most-widely used model in the world to explore clinically-relevant rodent models of spinal cord injury..

**3. Explain why the source is the only person or entity that can provide the required commodity:**

Precision Systems and Instrumentation, LLC, (PSI) is the sole manufacturer and distributor of the Infinite Horizon Spinal Cord Impactor System. Neither the instrument nor the software is available from any other vendor or distributor. See supporting letter from PSI, LLC, Attachment A.

**4. Explain why the amount to be expended for the commodity is reasonable:**

The estimated amount to be expended is for the purchase of the IH-0400 Impactor is \$19,935.56. This amount is within the expected price range for these products.

**5. Describe the efforts that the agency went through to obtain the best possible price for the commodity:**

Through market intelligence, UMMC was able to negotiate best pricing for these products. All applicable discounts were explored and applied.

## **Submission Instructions and Format of Response from Objecting Parties**

Interested parties who have reason to believe that the IH-0400 Impactor (hereafter, “Products”) should not be certified as a sole source should provide information in the Vendor Form for the State to use in determining whether or not to proceed with awarding the sole source to PSI, LLC. The Vendor Form may be found at <http://www.dfa.state.ms.us/Purchasing/documents/ObjectiontoSoleSourceDetermination.pdf>.

Objections must include the certification in Attachment B.

Comments will be accepted at any time prior to Monday, November 14, 2016, at 3:00 p.m. (Central Time) to [solesource@umc.edu](mailto:solesource@umc.edu). Responses may be delivered via email to [solesource@umc.edu](mailto:solesource@umc.edu). UMMC WILL NOT BE RESPONSIBLE FOR DELAYS IN THE DELIVERY OF RESPONSES. It is solely the responsibility of the Interested Parties that responses reach UMMC on time. Responses received after the deadline and responses that lack all required information will be rejected. UMMC reserves the right to inspect Interested Party’s commodity for comparison purposes.

If you have any questions concerning the information above or if we can be of further assistance, please contact [solesource@umc.edu](mailto:solesource@umc.edu).

Attachment A: Vendor Correspondence

Attachment B: Objection Certification

## Attachment A



October 18, 2016

To Whom It May Concern:

In response to your inquiry about the Infinite Horizon Spinal Cord Impactor System, to our knowledge we are the only supplier of a ready-to-use, fully assembled, force-controlled mouse spinal cord contusion device. We are the original equipment manufacturer and sell the device ourselves. It was developed to the specifications of one of the leading spinal cord trauma research groups in the country and is a unique system. Our engineering staff developed a state of the art computer controlled instrument that minimizes the amount of physical hardware and maximizes the use of software signal processing and modern microcontrollers in response to the need for a spinal cord injury device for transgenic mice. All of the software that operates on the instrument and the host personal computer is copyrighted by Precision Systems and Instrumentation, LLC.

The Infinite Horizon Spinal Cord Impactor System is the only spinal cord contusion system that is commercially available with the capability to apply highly controllable injuries to the spinal cord tissue of very small specimens such as mice. Precision Systems and Instrumentation, LLC, is the sole manufacturer and distributor of the Infinite Horizon Spinal Cord Impactor System. Neither the instrument nor the software is available from any other vendor.

If you need any further information please contact me at [info@presysin.com](mailto:info@presysin.com).

Sincerely,

John A. Main  
Managing Member

Attachment B

**SUBMITTED IN RESPONSE TO  
Sole Source Certification No. SS5057  
Accepted until November 14, 2016, at 3:00 p.m.**

I certify that the information contained in this objection is true and accurate to the best of my knowledge. I understand that UMMC will investigate all statements made in this objection and that any false or misleading information provided may result in adverse action.

\_\_\_\_\_  
Objector Name  
Objector's title

\_\_\_\_\_  
Date