***The University of Southern Mississippi***

**Notice of Proposed Sole Source Purchase of 64 Channel Geodesic Electroencephalogram (EEG) System**

**RFx Number 3150000255/** **USM SSP 16\_007**

The University of Southern Mississippi anticipates purchasing the item(s) listed below as a sole source purchase. Anyone objecting to this purchase shall follow the procedures outlined below in “Objections.”

Commodity or commodities to be purchased (make, model, description):

**The University is requesting to purchase a 64 Channel Geodesic Electroencephalogram (EEG) System 400 along with required event-related potential (ERP) workstations/software, and HydroCel Geodesic Sensor nets.**

Explanation of the need to be fulfilled by this item(s) and why it is the only one that can meet the specific needs of the department: [department to complete]

**This EEG System will allow for the monitoring and recording of brain activity at high spatial resolution. By using 64 electrodes evenly spaced over the entire scalp, cheeks, and back of the neck, this system will provide dense and even sampling without having to interpolate between widely spaced sensors.**

**This particular system is necessary in order to allow for the continuation of an ongoing research study initiated at the Yale School of Medicine examining neural mechanisms of change underlying a psychosocial intervention for young children with ADHD and to maintain ongoing collaborations with Yale researchers.**

**The HydroCel Geodesic Sensor Nets are proprietary technology of and available solely from Electrical Geodesics, Inc. These nets are functionally unique in their ability for rapid application of a large number of sensors to the head without scalp abrasion, which makes the collection of high-quality EEG data possible for young children with clinically significant inattentive, hyperactive/impulsive, and disruptive behaviors.**

Name of company/individual selling the item and why that source is the only possible source that can provide the required item(s): [department to complete]

**Electrical Geodesics, Inc. The HydroCel Geodesic Sensor Nets are the only commercially available nets equipped with sensors capable of recording brain activity by means of a simple water-based electrolyte solution. The net amplifiers that are included with the Geodesic EEG System have been designed with an electronic interface that is specifically suited for high-impedance scalp sensors. Electrical Geodesics, Inc. is the sole manufacturer and distributor of the HydroCel Geodesic Sensor Nets.**

Estimated cost of item(s) and an explanation why the amount to be expended is considered reasonable:

**The main system includes: 64 Channel Geodesic EEG System 400 ($30,000), ERP package ($11,000), EEG nets ($2,000 each, x5), lab support for 3 years ($1,500, x3), and extended warranty for the nets ($400, x10). This would equal $60,392.50 with shipping and handling. This package also includes a reading station [additional data analytic station, which will be paid for through an external grant] and physiological package [to record heart rate and skin conductance during EEG recordings]. The Young Investigators Research Grant through the Brain and Behavior Research Foundation will be paying for $4,250.00 for the Reading Station.**

**The total estimated cost for the Geodesic EEG system is $67,497.50. This cost is very reasonable when compared to other research-grade EEG systems.**

Explanation of the efforts taken by the department to determine this is the only source and the efforts used to obtain the best possible price: [department to complete]

**After consultation with disciplinary colleagues and a thorough review of available EEG systems, no other distributors/manufacturers of this EEG technology were identified. Electrical Geodesics, Inc. was approached to provide the lowest price point for this system.**

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| **Advertisement Schedule** | **Date** |
| **1st scheduled** | **October 29, 2015** |
| **2nd scheduled** | **November 5, 2015** |

# Objections

Any person or entity that objects and proposes that the commodity listed is not sole source and can be provided by another person or entity shall submit a written notice to:

Steve Ballew

Director of Procurement & Contracts

Steve.ballew@usm.edu

**Subject Line must read "Sole Source Objection"**

The notice shall contain a detailed explanation of why the commodity is not a sole source procurement. Appropriate documentation shall also be submitted if applicable.

If after a review of the submitted notice and documents, USM determines that the commodity in the proposed sole source request can be provided by another person or entity, then USM will withdraw the sole source request publication from the procurement portal website and submit the procurement of the commodity to an advertised competitive bid or selection process.

If USM determines after review that there is only one (1) source for the required commodity, then USM will appeal to the Public Procurement Review Board. USM will have the burden of proving that the commodity is only provided by one (1) source.

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