

Attachment 2: Request for Sole Source Memo Format

DEPARTMENT OF VETERANS AFFAIRS

Justification and Approval

For

Other Than Full and Open Competition

1. **Contracting Activity:**

Department of Veterans Affairs
SAO East
323 North Shore Drive, Suite 500
Pittsburgh, PA 15212

Requesting Activity:

Department of Veterans Affairs
Malcolm Randall VA Medical Center
1601 SW Archer Road
Gainesville, FL 32608

2. **Nature and/or Description of the Action Being Processed:** This requirement is for the procurement of a Physio-Suite Physiological Monitoring System.

3. **Description of Supplies/Services Required to Meet the Agency's Needs:** The Physio-Suite Physiological Monitoring System is required for purchase, as this is the only system that includes the monitoring parameters the VA requires for its research. The Physio Suite Monitor for mice and rats is a modular system that can be connected to existing hardware and software at the VA Medical facility, which will allow anesthesia monitoring for researcher performing surgery. The PhysioSuite significantly decreases the amount of space in the surgical area. The specific capabilities and capacity features that this unit solely offers includes pulse oximetry & heart rate monitoring, artificial ventilation, temperature monitoring and homeo-thermic warming. The built-in screen provides critical information that is easily visible and customizable. The real-time display screen has the capability to show numeric readings, waveforms, or both simultaneously. View historical data with the touch of a button.

A large number of VA and NIH funded investigators at the North Florida South Georgia VAMC at Gainesville Malcom Randall VA Medical Center are performing basic, translational and preclinical studies. This PhysioSuite will be used by numerous research investigators in the Gainesville VA Medical Center. At present, there is no small animal Physiological monitoring system for after surgery monitoring in the VMU. Availability of a state of the art Physiological monitoring system, indeed, will facilitate investigators research work, and increase research portfolio of this VA Medical Center.

The estimated value of this replacement part is \$14,770.00, and is based on commercial price lists from Kent Scientific.

4. **Statutory Authority Permitting Other than Full and Open Competition:**

(x) (1) Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements per FAR 6.302-1;

- () (2) Unusual and Compelling Urgency per FAR 6.302-2;
- () (3) Industrial Mobilization, Engineering, Developmental or Research Capability or Expert Services per FAR 6.302-3;
- () (4) International Agreement per FAR 6.302-4
- () (5) Authorized or Required by Statute FAR 6.302-5;
- () (6) National Security per FAR 6.302-6;
- () (7) Public Interest per FAR 6.302-7;

5. **Demonstration that the Contractor's Unique Qualifications or Nature of the Acquisition Requires the Use of the Authority Cited Above (applicability of authority):** The Physio-Suite rodent physiological monitoring system made by Kent Scientific will be used with our existing system and equipment at the VA Medical system. No other piece of equipment can be utilized because of the importance of it being compatible with the VA's current system. Using other products will require replacement of entire existing system and equipment, and will not be cost effective to the Dept. of Veterans Affairs.

The PhysioSuite made by Kent Scientific is state of the art physiological monitoring system used for monitoring the oxygen, heart rate, and temperature of a research animal after surgery. Also included in their system is an automatic ventilator. The pulse oximeter and heart monitor included in this PhysioSuite is specifically designed for uses on small laboratory animals and no shaving is required for monitoring. It is a stand-alone system that is clinically validated and measures heart rate, SpO2 and respiratory rate. It measures the heart rate up to 900 bpm, SpO2 from 70-100%, with data exports and spO2 sensors. Each sensor is specifically designed for small laboratory animals and uses a miniature LED and light sensor to transmit and receive the red and infrared light that are proportional to the size and translucence of the small laboratory paw. The PhysioSuite monitor is a modular system that allows the user to select the modules in one unit. This decreases the amount of space in the surgical area. The system comes with a built in screen that provides the user with critical information. The automated ventilator system provides the user with control the ventilation by pressure or volume with auto sigh, PEEP, and assist mode. This is extremely important for the small animals needing ventilation after surgery to regain respiratory function. The automated ventilation system has a built in display that provides information about the current ventilator settings as well as physiological parameters of the animal. The temperature module that comes with the PhysioSuite system is a temperature and homoeothermic control system complete kit that allows you to accurately monitor and maintain animal core body temperature. This is extremely important for laboratory animals after surgery due to the anesthesia lowering their core body temperature and the necessity of maintaining normal body temperature for survival.

6. **Description of Efforts Made to ensure that offers are solicited from as many potential sources as deemed practicable:** There is no other PhysioSuite Physiological Monitoring System that is compatible with the current system (Ethiovision animal behavior monitoring software), that currently reside at the VA hospital. This is the only system has a proven compatibility with our existing hardware and software which will allow anesthesia monitoring for researcher performing surgery. The contracting officer did post a intent to sole source for this announcement, to which no responses were received. This will therefore be solicited on a sole source basis, as justified in accordance with this J&A.

- [REDACTED]

[REDACTED]

- a. **Contracting Officer's Certification (required):** I certify that the foregoing justification is accurate and complete to the best of my knowledge and belief.

CP

8/3/2014

Date _____

- b. NCM/PCM (Required \$3K and above): I certify the justification meets requirements for other than full and open competition.

[REDACTED]

[REDACTED]

[REDACTED]

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