

VHAPM Part 819.7007/7008 Sole Source Awards to a Verified Service-Disabled Veteran-owned Small Business/Veteran-owned Small Business

Attachment 1: Request for SDVOSB/VOSB Sole Source Justification Format >\$150K

DEPARTMENT OF VETERANS AFFAIRS

Justification and Approval (J&A)
For
Other Than Full and Open Competition (>\$150K)

Acquisition Plan Action ID: VA256-18-AP-8386

1. **Contracting Activity:** Department of Veterans Affairs, VISN 16, Central Arkansas Medical Center & NCO 16 Contracting Supply Team A, 2237# 598-18-3-784-0316, estimated \$313,966.60.
2. **Nature and/or Description of the Action Being Processed:** FAR13.5 Simplified Procedures for Certain Commercial Items: This procurement is for Laerdal Brand Name Complete SimMan 3G Simulator System, including Nurse Ann Simulator. The action will be competed SDVOSB Set-Aside with a Brand Name Restriction, resulting in a Firm-Fixed Price Contract, in accordance with FAR 13.5 Simplified Procedures for Certain Commercial Items and specifically FAR 13.501 Special Documentation Requirements, where acquisitions conducted under Simplified.
3. **Description of Supplies/Services Required to Meet the Agency's Needs:** The Nursing Education Department under the Patient Care Services is in need of an advanced simulator manikin and accessories to continually provide the highest quality of training to students that will become employees of the Central Arkansas Veterans Healthcare System. A full functioning training manikin is needed for the VA hospital to train staff with a realistic simulator that can display neurological symptoms as well as physiological symptoms with the following functions:
 - Wireless
 - Internal electrical and pneumatic power
 - Alternate wired power connection (AC)
 - Able to integrate to the Hospital computer network, preferably wireless.
 - At least 2 hours continuous operation in wireless mode
 - Able to be used in different scenarios and environments

The equipment needs to be delivered and installed before September 15, 2018. Engineer or approved provider will install the simulator and walk the trainers through the installation process step by step using specific checklists to ensure all area of the simulator are working. This will also include a functional test of the simulator to ensure that it passes all operational tests and meets manufacturer's specifications. The installation should enable trainers to understand the setup, care and maintenance and basic troubleshooting of the simulator.

4. **Statutory Authority Permitting Other than Full and Open Competition:** FAR13.5 Simplified Procedures for Certain Commercial Items: The authority for applying the Simplified Procedures for

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Commercial Items of FAR 13.5 is 41 U.S.C. 1901 and is implemented by for restricting competition on this procurement via FAR 13.106-1(b)(2).

5. **Demonstration that the Contractor's Unique Qualifications and/or Nature of the Acquisition**

Requires the Use of the Authority Cited Above (applicability of authority): RFI 36C25618Q9646

was posted on FBO seeking any vendor capable of providing any brand equal or better to the required equipment. There were only 2 SDVOSB vendors responding and offering Laerdal brand name equipment. Laerdal, also responded, stating they are the only manufacturer with the required equipment. They provide a list of SDVOSB partners capable of providing their equipment. It was confirmed that Laerdal SimMan 3G Simulator System is the only simulation system in the market capable of providing the VA's requirement. Not only the Laerdal SmMan 3G Simulator System is completely wireless and self-contained, has internal electrical and pneumatic power, has supplemental wired connectivity and power, wirelessly integrates with existing computer networks, comes and operates with swappable, rechargeable batteries, lasts approximately 4 hours continuous operation in wireless mode, it is rugged and reliable for use in multiple environments, but provide the following features:

Multiple Airway Skills/Features:

- Controllable open/closed airway; automatically or manually controlled
- Head tilt/Chin lift
- Jaw thrust w/articulated jaw
- Suctioning (Oral & Nasopharyngeal)
- Bag-mask ventilation
- Orotracheal intubation
- Nasotracheal intubation
- Combitube, LMA, and other airway placement
- Endotracheal tube intubation
- Retrograde intubation
- Fiberoptic intubation
- Transtracheal jet ventilation
- Needle cricothyrotomy
- Surgical cricothyrotomy
- Variable lung compliance
 - 4 settings
- Variable airway resistance
 - 4 settings
- Right main stem intubation
- Stomach distention
- Connectivity with third party respiratory simulations

Airway Complications:

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- Detection of proper head position
- Can't intubate/Can ventilate
- Can't intubate/Can't ventilate
- Tongue edema
- Pharyngeal swelling
- Laryngospasm
- Decreased cervical range of motion
- Trismus

Breathing Features:

- Simulated spontaneous breathing
- Bilateral and unilateral chest rise and fall
- CO2 exhalation
- Normal and abnormal breath sounds
 - 5 anterior auscultation sites
 - 6 posterior auscultation sites
- Oxygen saturation and waveform

Breathing Complications:

- Cyanosis
- Needle thoracentesis - bi-lateral
- Unilateral & Bilateral chest movement
- Unilateral, Bilateral & lobar breath sounds
- Chest tube insertion – bilateral

Cardiac Features:

- Extensive ECG library
- Heart sounds - four anterior locations
- ECG rhythm monitoring (4 wire)
- 12 lead ECG display
- Defibrillation and cardioversion
- Pacing

Circulation Features:

- BP measured manually by auscultation of Korotkoff sounds
- Carotid, femoral, brachial, radial, dorsalis pedis, popliteal and posterior tibialis pulses synchronized with ECG

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- Pulse strength variable with BP
- Pulse Palpation is detected & logged

Vascular Access:

- IV access (right arm)
- Intraosseous access (tibia)
- Automatic Drug Recognition System

CPR:

- Compliant with 2015 Guidelines
- CPR compressions generate palpable pulses, blood pressure wave form, and ECG artefacts
- Realistic compression depth and resistance
- Detection of depth, release and frequency of compressions
- Real time feedback on quality of CPR

Eyes:

- Blinking - slow, normal, fast and winks
- Open, closed and partially open
- Pupillary accommodation:
 - synchrony/asynchrony
 - normal and sluggish speed of response

Other Features:

- Seizure/Fasciculation
- Bleeding
 - Simulation of bleeding at multiple sites
 - Arterial and venous
 - Vital signs automatically respond to blood loss & therapy
 - Works with various wound modules & moulage kits
- Urine output (variable)
- Foley catheterization
- Secretions
 - Eyes, Ears, Nose, Mouth
 - Blood, Mucous, CSF, etc.
- Diaphoresis
- Bowel Sounds - four quadrants
- Patient Voice

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- Pre-recorded sounds
- Custom sounds
- Instructor can simulate patient's voice wirelessly
- Instructor Communication
 - Multiple instructors communicate using integrated voice over IP

Pharmacology:

- Automatic Drug Recognition System identifies drug & dose
- Extensive drug formulary
- Automatic or programmable physiological response


All these features are unique to Laerdal's Brand Name equipment, confirmed by the RFI results.

6. **Description of Efforts Made to ensure that offers are solicited from as many potential sources as deemed practicable:** As stated above, RFI 36C25618Q9646 was posted on FBO from 6/29/2018 to 7/02/2018 seeking information about any other brand capable of providing similar general features, but all responses received confirmed a Laerdal Brand Name justification. Search on FPDS confirmed the VA has been procuring Laerdal's equipment for several years for similar requirements. No other brand was identified in the search. Continuous Market Research will be performed to ensure future requirements can be competed among other competitors in the event a similar system from a different brand is developed. At this time, it is in the best interest to the Government to compete this requirement set-aside for SDVOSB's with a Brand Name Justification.
7. **Determination by the CO that the anticipated cost to the Government will be Fair and Reasonable:** Historical procurements as reflected on a FPDS search
8. **Description of the Market Research Conducted and the Results, or a Statement of the Reasons Market Research Was Not Conducted:** RFI 36C25618Q9646 identified 2 SDVOSB capable of providing the requirement. VIP search for NAICS 339113 identified multiple SDVOSB's potentially capable of providing the requirement.
9. **Any Other Facts Supporting the Use of Other than Full and Open Competition:** Laerdal Brand is the only available brand in the market capable of providing the requirement. The requirement will be competed SDVOSB set-aside with a Brand Name Justification.
10. **Listing of Sources that Expressed, in Writing, an Interest in the Acquisition:** Laerdal Medical Corp., Beacon Point Associates LLC, and BMK Ventures Inc.
11. **A Statement of the Actions, if any, the Agency May Take to Remove or Overcome any Barriers to Competition before Making subsequent acquisitions for the supplies or services required:** n/a

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- 12. Requirements Certification:** I certify that the requirement outlined in this justification is a Bona Fide Need of the Department of Veterans Affairs and that the supporting data under my cognizance, which are included in the justification, are accurate and complete to the best of my knowledge and belief.


Name Roger Johnson
Title Admin Officer, PLS/CDR
Facility 598-CAVHS

7/12/2018
Date

13. Approvals in accordance with the VHAPM Part 806.3 OFOC SOP:

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

CLAY K JONES 685130 Digitally signed by CLAY K JONES 685130
Date: 2018.07.12 15:36:46 -05'00'

Name: Clay K. Jones Date
Title: Contracting Officer
Facility: NCO 16

- b. **One Level Above the Contracting Officer (Required over \$150K but not exceeding \$700K)**: I certify the justification meets requirements for other than full and open competition.

SUSAN E HAYS 1046805 Digitally signed by SUSAN E
HAYS 1046805
Date: 2018.07.13 06:35:42
-05'00'

Name: _____ Date
NCO 16 Division Chief
Facility