

JUSTIFICATION FOR SOLE SOURCE PROCUREMENT

Agency: Trident Technical College (TTC)

Sole source Vendor: Laerdal Medical

Based upon the following determination, Agency proposes to acquire the supplies, construction, information technology, and/or services described herein from the Vendor named above per S.C. Code Ann. 11-35-1560 and S.C. Regulation 19-445.2105, Sole Source Procurement.

Description of the Agency need that this procurement meets: To meet current Nursing program instructional needs, TTC requires a patient simulator that will:

- Allow students to practice blood draws, IV access, drug administration, and Percutaneous transluminal angioplasty while allowing them to receive a variety of responses to stimuli.
- Provide responses that would be abnormal under normal circumstances.
- Test students' ability to transfer and perform joint mobility activities on patients.
- Test students' advanced respiratory procedures.
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Additionally, the model must:

- Allow the student to position the patient simulator in full sitting both on the edge of the bed and in a wheelchair as it is necessary to assess the students' ability to transfer patients
- Have articulating joints to allow students to practice joint mobility activities realistically.
- Must have realistic soft tissue and skin necessary for programs that will use it for blood draws, IV access or drug administration.

Description of market research Agency performed to determine the availability of products or services that would meet the Agency's needs:

TTC researched sim models from Laerdal, Leonardo and Gaumard. Those models were the SimMan 3G Plus, Medvision and HAL S3201

Description of supplies, construction, information technology, and/or services Vendor will provide under the contract:

- A SimMan 3GP PLUS Manikin that includes a LLEAP License, consumables including a power cord, and a 1 year manufacturer's warranty
- A 1 day course on customer site for use of the manikin.
- On-site installation, including software installation and complete product quality inspection with a full-functional test.

Detailed explanation why no other vendor's supplies, construction, information technology, and/or services will meet the needs of the Agency:

The Laerdal SimMan3G Plus is the only model that meets all requirements needed for instruction. Additionally, it will also provide the Respiratory Therapy program with the ability to practice advanced respiratory procedures.

Laerdal is the only vendor that can currently provide the SimMan3G Plus as they have no other authorized resellers or installers for this model.

Other models found during market research to not meet all requirements.

The Leonardo Medvision was unacceptable due to information technology security issues. The model has its own Wi-Fi router. TTC cannot allow an unmanaged router on premise. Additionally, Leonardo could not guarantee the stable operation of its system if it operated independently of TTC's Wi-Fi. The MedVision would eventually need to connect to a network for updates and remote support which TTC cannot support.

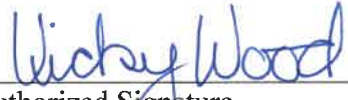
The Gaumard HAL S3201 has joints and tissue that are too unrealistic for TTC's nursing program. Realistic joints are needed for students to practice joint mobility activities. Unrealistic tissue inhibits blood draw, IV access and drug administration simulation.

Contract Period: one time procurement

Trident Technical College

Contract Amount: \$91,526.64

Com Code: 503


Authorized Signature
Printed Name: Vicky Wood, Ph.D.
Title: President

Date: 11/04/24

Blanket sole source: ___ Yes x No

Contract \$50,000 or greater. Drug Free Workplace Act (Section 44-107-30 Code of Laws of SC) applies:
 x Yes ___ No swm Buyers Initials

Signed Drug Free Workplace Certification form attached:

 x Yes ___ No swm Buyers Initials

Open Trade Certification attached x Yes ___ No swm Buyers Initials