

**Sole Source
Written Determination**

Agency Identification: Greenville Technical College

Description of the agency need that this procurement fulfills: *(See instructions on last page for guidance)*

The STAT Center needs to update the current birthing simulator with newer technology and capabilities. The existing birth simulator is unable to be updated to the newest technology due to being over 10 years old.

Describe the Market Based on Research Performed: *(See instructions on last page for guidance)*

There are only three high-fidelity manikin simulators from three manufacturers in today's market: Laerdal, Elevate Healthcare, and Gaumard. Manikin specifications for each were reviewed. Internet research was done via articles comparing simulators. AI was used to summarize available information on the various simulators.

Sole Source Vendor Name: Gaumard

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 SC Code Ann § 11-35-1560 and SC Regulation 19-445.2105, Sole Source Procurement.

Description of supplies, construction, information technology, and/or services vendor will provide under the contract: *(See instructions on last page for guidance.)*

The vendor will provide the maternal simulator and accessories as outlined in the quote and provide technical support services. The vendor will also come onsite to ensure the simulation is correctly calibrated and then do in-service training for faculty. Year-round access to complimentary product training including live webinars and in-person training sessions at the Gaumard facilities by Gaumard experts is provided by the vendor.

Explain why the described solution is the only solution that meets the agency's need and how no other identified solutions were sufficient. *(See instructions on last page for guidance)*

Internet searches produced equipment specifications, which identified that this simulator has more capabilities than the other two simulators that are referenced as high-fidelity simulators. This simulator is the only one that has a full-term delivery baby that can cry, is equipped with heart and lung sounds, exhibits cyanosis, and displays head movement. This simulator supports real monitoring equipment, including EKG, capnography, defibrillation, MISP, BOCO, and pulse oximeters in contrast to the other two simulators which are limited to EKG monitoring and pulse oximetry. In addition, this simulator has a deep vein thrombosis leg assessor, as well as an epidural component, which can also be used for non-pregnant simulations. These additional features allow for more realism during simulation and allow for multiple program use. For example, capnography makes this manikin an asset for the Respiratory program. BOCO will facilitate how to deal with bladder obstruction. The ability to defibrillate will address how to properly treat a patient who is dying. This makes the manikin more versatile for use with multiple programs.



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Note: Determination is not complete without required signatures and dates

Required Signatures:

Prepared by:

Joice Lynn

Date: 05/30/2025

5/30/25

Printed Name:

Joice Lynn

Title: Director of Simulation

Approved by:

Jacqueline DiMaggio

Approval Date:

6/3/2025

Printed Name

Jacqueline DiMaggio

Title:

VP for Finance

The last page contains instructions and is not required to be retained.

MM