

Purchase Request #2
Regular Board Meeting April 26, 2016
Consideration of Approval to Purchase
CAE Lucina Patient Simulation System

ADMINISTRATION RECOMMENDATION/REPORT

The District President recommends the Board of Trustees approve the purchase of a Lucina patient simulation system consisting of a fully instrumented mother and a partially instrumented fetus from CAE Healthcare for the Simulation Department.

BACKGROUND

The District's Health Sciences simulation program has been creating and facilitating simulated medical experiences for the past 10 years in order to afford students the opportunity to learn in a controlled setting. The Lucina Patient Simulator from CAE Healthcare is a versatile manikin providing three types of patient experiences such as a regular medical-surgical female patient, an OB patient, and a post-partum patient. CAE Healthcare offers a renewable maintenance agreement to guarantee the product remains in optimal performance. CAE Healthcare is a recognized vendor in the industry and has been supplying our Simulation program for approximately 10 years.

Reference number (REF) 3955, was issued to procure the purchase of the Lucina Patient Simulation System.

CAE Healthcare is a sole source provider of this simulated manikin system and is exempt from competitive bidding per Section 44.031(j) of the Texas Education Code.

IMPACT OF THIS ACTION

This manikin provides a realistic, life-like experience for our students to assess and treat in an environment conducive to learning. Clinical scenarios are crafted to include encounters ranging from the common to the atypical providing students with a broad scope of patient interaction boosting confidence and promoting a higher skill level. Simulation enhances student learning and retention. The experiences offered to our students would not be possible without the opportunities afforded by these specialized manikins. The ability to encourage mistakes in a learning environment is preferable to that which could occur on live patients in a healthcare setting. Considering the complexity of healthcare, the mandate to train skilled, competent healthcare professionals has never been stronger. Our continued ability to train future professionals in a simulated environment is a cornerstone to the success of our Health Science programs.

BUDGET INFORMATION (INCLUDING ANY STAFFING IMPLICATIONS)

The total expenditure is \$71,520.00. This expenditure is funded by the Simulation departments' 2015-2016 supplemental budget.

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RESOURCE PERSONNEL

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