

ADMINISTRATION RECOMMENDATION/REPORT

The administration recommends that the Board of Trustees approve the purchase of respiratory patient simulator equipment from IngMar Medical for the Respiratory Care Program.

BACKGROUND

The Respiratory Care Program had its site visit for reaccreditation in January 2017 and received feedback that the equipment in the lab needed to be updated. Adding a patient simulator to the lab would greatly enhance the lab experience for the students in the program, as the simulator could also be used during the lecture portion of several courses currently offered. Furthermore, the patient simulator, along with mechanical ventilators, would allow faculty to demonstrate what is happening to a patient's physiology when there is a pathology present and demonstrate when to begin a treatment regimen, rather than just discuss what is happening.

An invitation for bids, Project Number 18-12, was issued to procure equipment for the Respiratory Care Program. Four responses were received and the bid submitted by IngMar Medical was determined to be both fully responsive to the minimum specification requirements listed in the solicitation and would provide the best value to the College. The bid submitted by IngMar also included optional features beyond the minimum performance specifications included in the solicitation. The department is electing to include two additional components to the base model purchase in order to further enhance the learning opportunities for students.

IMPACT OF THIS ACTION

Students are sometimes reluctant to make changes to patient care protocol due to being unsure of what effects their actions might cause. Hands-on simulation and seeing what happens when mistakes are made is a very valuable part of the learning process. The patient simulator will allow the students to experience these effects, both good and bad, and will assist them in being more competent and confident upon entering the workforce. They will be able to test various scenarios in a non-life threatening situation that could otherwise be harmful to a patient.

BUDGET INFORMATION (INCLUDING ANY STAFFING IMPLICATIONS)

The expenditure is \$65,895 for the base model plus \$9,095 for the optional equipment for a total of \$74,990 and will be funded from the 2017-2018 Perkins Grant and Allied Health department funds.

MONITORING AND REPORTING TIMELINE

This is a one-time purchase and will be delivered and operational by July 30, 2018.

IFB # 18-12
Regular Board Meeting June 4, 2018
Consideration of Approval to Purchase Respiratory Patient Simulator

ATTACHMENTS

Attachment 1 - Tabulation

RESOURCE PERSONNEL

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Project Name Respiratory Patient Simulator
Project Number 18-12

Final Ranking

Vendor Name	Total Bid Price
Moore Medical LLC	Non-responsive
Gaumard Scientific Co., Inc.	Non-responsive
IngMar Medical	\$74,990.00
Laerdal Medical Corporation	\$82,560.09