

SUMMARY OF REQUEST

DATE: February 24th, 2021

FACILITY: Broward Health System Wide

PROGRAM/PRODUCT LINE: Electronic Intensive Care Unit (EICU)

REQUEST: Approval to purchase and implement a centralized electronic Intensive Care Unit (eICU) system from Phillips for all Broward Health facilities.

PURPOSE: Centralized eICU model to enhance management/monitoring of critical care patients across all four hospitals.

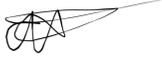
CAPITAL REQUIRED: Capital required \$621,000

FISCAL IMPACT: Fiscal Impact over next five years (Operations, Salaries, and Contracted Expenses)

- \$5,484,341 per year * 5 Years

BUDGET STATUS: No

LEGAL REVIEW: The contract is subject to General Counsel's review and approval as to legal form and conditioned on no material changes in the approved business terms.

APPROVED:
Alan Goldsmith, 02/07/2021 18:04 EST
Alan Goldsmith, EVP/COO BH

DATE: _____

MEMORANDUM

TO: Board of Commissioners

FROM: Alan Goldsmith, EVP, Chief Operating Officer

DATE: February 24th, 2021

SUBJECT: Approval to implement a centralized electronic Intensive Care Unit (eICU) for all Broward Health facilities.

BACKGROUND

Broward Health operates 10 adult Intensive Care Units across our four Medical Centers. Our health system continually strives to achieve top percentile performance in quality and patient safety. The demand for Critical Care is projected to increase six-fold over the next 10 years, while the shortage of Intensivists and critical care nurses is expected to grow by 30%. Broward Health is looking to leverage technology to meet the needs of our most vulnerable patients. Implementation of a centralized, electronic Intensive Care Unit (eICU) will optimize care delivery, improve quality, safety and timeliness of care, and standardize our care throughout the system. This advanced model provides around-the-clock real-time audio, video and telemetry remote monitoring by board certified critical care physicians and ICU nurses from a centralized location.

Our goal is to enhance the quality of care we provide to critical patients while also supporting the front-line caregivers, reducing complications, length of stay, mortality and overall care costs.

ACTION/PROJECT DESCRIPTION

Approval to purchase and implement a centralized electronic Intensive Care Unit (eICU) system for all Broward Health facilities. This will assist Broward Health in continuing to drive to achieve top percentile performance in quality and patient safety. The overall demand for Critical Care is projected to increase six-fold over the next 10 years, while the shortage of Intensivists and critical care nurses is expected to grow by 30%. Broward Health is looking to leverage technology to meet the needs of our most vulnerable patients and optimize delivery of care.

FINANCIAL/BUDGETARY IMPACT**Fiscal Impact**

(Operations, Salaries, and Contracted Expenses)

- \$5,484,341 per year * 5 Years

(Capital Expense)

- \$621,000 one-time expense

JUSTIFICATION

Studies have demonstrated health care systems with a centralized eICU model can be even more effective in reducing mortality, clinical complications and length of stay. Implementing this program will provide standardized care across the system as follows:

- 1- Our Patients will receive the highest level of safe, clinically expert critical care in a nurturing, healing environment at the right time as close to home as possible
- 2- Our Caregivers will work together as a multi-disciplinary team to plan and provide care and be actively engaged in ongoing development of new knowledge and skills
- 3- Broward Health System will deliver expert standardized critical care services achieving preeminent quality, service and operational outcomes.

STAFF RECOMMENDATION

Therefore, it is requested that the Board of Commissioners of the North Broward Hospital District authorize the District to enter into a 5-year contractual agreement with Philips to purchase the eICU system inclusive of operations, intensivists, salaries, and other required contractual expenses in an amount not to exceed \$5,500,000 per year with an additional one-time expense of \$621,000.