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February 11, 2016

Steven Rietzke
Grant Officer
US Department of Labor, Employment and Training Administration
Division of Federal Assistance
200 Constitution Avenue, NW – Room N-4716
Washington, DC 20210

Re: TC-26459-14-60-A-34 - Bergen Community College Equipment Acquisition Request

Dear Mr. Rietzke:

As reviewed with our FPO, Trevor Capon, attached please find a Request for Authorization to acquire certain equipment under our current TAACCCT Round-4 grant.

We are requesting that the items described on the attached pages be approved for acquisition. These items will equip a State-of-the-Art, Interdisciplinary Training Simulation Center. The Center is nearing completion and will begin to train students during 2016. Detailed information concerning items where individual cost exceeds \$5,000 can be found on the first pages of the attached, following that information is a detailed listing of all items to be acquired for the Simulation Center.

These items will advance our grant objectives in various ways, but most importantly, they represent closer engagement with area employers and an investment in leading edge technology to better prepare our students for the future workforce. More complete information, including contact information is provided in the attached.

Please advise if any further information must be submitted in order to secure this approval.

Thank you.

Sincerely,

William Yakowicz, Ed.D
Director, Grants Administration
Attachment: Equipment Acquisition Request
CC: Trevor Capon

Interdisciplinary Training Center

This request seeks approval for the expenditure of an estimated \$393,290 to equip a Simulation Center designed to improve the training of health professionals across many disciplines. The attached spreadsheet provides a detailed equipment listing. This document provides information on the rationale, relationship to our grant, and more detailed information about the four items that individually exceed the \$5,000 threshold.

This Interdisciplinary Training Simulation Center was described in our original TAACCCT grant application, wherein we requested in excess of \$400,000 for this purpose. Our application provided the following rationale for this investment:

“Strong evidence demonstrates that simulation environments allow students to practice and culminate their skills in a safe and controlled environment that promotes confidence and student interaction in the classroom. In particular, simulation has been scientifically shown to better patient outcomes, reduce medical errors, and positively impact retention of skilled workers by offering a dynamic environment that can replay difficult case scenarios, allow for practice of new procedures or protocols before being practiced on live patients and/or promoting better health communication especially in crisis environments (PDF 88/SOW 13)”

The following four items individually cost in excess of \$5,000.00:

Item A

- **Defibrillator, LifePak 12**
- This equipment will be used in training students in emergency response situations in the simulated clinical environment. The LifePak family of products is among the most commonly used in the USA. Includes all necessary paddles, cables and manuals.
- Estimated Accounting Useful Life – 5 Years
- Estimated cost **\$5,495.00**
- No installation cost required
- Reference to this equipment can be found on pdf page 88 of the Grant Award, also referred to as page 13 of the Statement of Work, as well as pdf page 31 of the Grant Award, also referred to as page 1 of the Budget Narrative This is an important part of the proposed Simulation Center.
- Please also see: <http://diamedicalusa.com/ems-rescue-supplies-defibrillators-detail.php?id=Physio-Control-LifePak-12-Defibrillator>
- For additional Information, please contact: Justin Doheny, 201-493-3743, jdoheny@bergen.edu or Kelly Verkem, 201-301-1266, kverkem@bergen.edu

Item B

- **Pyxis Medstation System**
- Proper administration and preparation of medication is among the most important and challenging skills that must be learned in any clinical setting. This equipment is identical to that which is most commonly found in acute care setting in the local area. Its proper use helps reduce errors and promotes patient safety. This acquisition includes simulated medication and an initial patient database along with manufacturer's warranty.
- Estimated Accounting Useful Life – 5 Years
- Estimated cost **\$49,999.00**
- No installation cost required
- Reference to this equipment can be found on pdf page 88 of the Grant Award, also referred to as page 13 of the Statement of Work, as well as pdf page 31 of the Grant Award, also referred to as page 1 of the Budget Narrative. This is an important part of the proposed Simulation Center.
- Please also see:
<http://www.medicalshipment.com/index.php?controller=product&function=index&id=2219>
- For additional Information, please contact: Justin Doheny, 201-493-3743, jdoheny@bergen.edu or Kelly Verkem, 201-301-1266, kverkem@bergen.edu

Item C

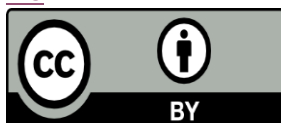
- **Mindray – M7 Advanced Portable Ultrasound**
- This equipment supports a required portion of the curriculum for Diagnostic Sonographers, additionally it can be used for rapid patient assessment in emergent situations by various disciplines, and thus is a critical part of our Interdisciplinary Center.
- Estimated Accounting Useful Life – 5 Years
- Estimated cost **\$68,000.00**
- No installation cost required. Includes training of faculty, warranty and multiple transducers for various clinical applications.
- Reference to this equipment can be found on pdf page 88 of the Grant Award, also referred to as page 13 of the Statement of Work, as well as pdf page 31 of the Grant Award, also referred to as page 1 of the Budget Narrative. This is an important part of the proposed Simulation Center.
- Please also see:<http://www.mindraynorthamerica.com/cmsAdmin/uploads/m7-vascular-sales-flyer.pdf>
- For additional Information, please contact: Justin Doheny, 201-493-3743, jdoheny@bergen.edu or Kelly Verkem, 201-301-1266, kverkem@bergen.edu

Item D

- **SMOTS Digital Recording System**
- An integrated system of hardware and software that easily and unobtrusively records video, audio of students, and the vital sign readings of simulated patients during any simulation. This facilitates student learning by providing a clear “replay” of the patient encounter, allowing both student and faculty to better evaluate competence.
- Estimated Accounting Useful Life – 5 Years
- Estimated cost **\$200,00.00**
- Cost of installation and warranties included
- Reference to this project can be found on pdf page 88 of the Grant Award, also referred to as page 13 of the Statement of Work as well as pdf page 31 of the Grant Award, also referred to as page 1 of the Budget Narrative. This is a critically important component of the proposed Simulation Center as it is the key that connects all of the educational activity.
- Please also see: <http://www.scotiauk.com/products/smotsInfo/index.html>
- For additional Information, please contact: Justin Doheny, 201-493-3743, jdoheny@bergen.edu or Kelly Verkem, 201-301-1266, kverkem@bergen.edu

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Bergen Community College
TAACCCT Equipment Request

Interdisciplinary Simulation Center Program	Required Equipment	Estimated Item Costs	Program Sub-Total
Surgical Technologist	Simple Simon	\$1,463.12	\$8,568.12
	MITS System	\$4,620.00	
	Skill Builder Set of 4	\$185.00	
	Tray of Organs	\$1,250.00	
	Surg tech Review	\$1,050.00	
Critical Care	2 - Critical Care Stations	3,970.00	\$9,801.25
	SimLab Suite Package		
	Bed		
	Mattress		
	Bedside Cabinet		
	Overbed Table		
	1-Mobil Blood Pressure System with 4 cuffs of varying size	\$312.85	
	1 - Procedure Cart - Filled with required supplies	\$1,495.00	
	1- Alaris IV Pump 8015 & 8100	\$2,290.00	
	1- Syringe Pump	\$1,395.00	
	1 - Lift Stool	\$168.50	
2 - IV Poles-Rolling	\$169.90		
Emergency/Adult	Stretcher	\$1,895.00	\$13,101.30
	Bedside Cabinet	\$265.00	
	1-Mobil Blood Pressure System with 4 cuffs of varying size	\$312.85	
	1- Alaris IV Pump 8015 & 8100	\$2,290.00	
	1 - Feeding Pump (Kangaroo)	\$695.00	
	1 - IV Pole-Rolling	\$84.95	
	1 - Lift Stool	\$168.50	
	1 - Emergency Crash Cart - Filled with required supplies	\$1,895.00	
	1- LifePak 12 Defibrillator, complete	\$5,495.00	
Ambulatory/Pediatric	Exam Table (Ritter)	\$1,545.00	\$8,243.45
	Bedside Cabinet	\$265.00	
	Pediatric Crash Cart - Filled	\$2,495.00	
	1- Alaris IV Pump 8015 & 8100	\$2,290.00	
	1- Syringe Pump	\$1,395.00	
	1 - Lift Stool	\$168.50	
	1 - IV Pole-Rolling	\$84.95	

Bergen Community College
TAACCCT Equipment Request

Interdisciplinary Simulation Center Program	Required Equipment	Estimated Item Costs	Program Sub-Total
Labor & Delivery/ Newborn	1 - Birthing Bed	\$2,895.00	\$11,649.80
	Overbed Table	\$98.50	
	Bedside Cabinet	\$265.00	
	Infant Warmer	\$1,995.00	
	1-Mobil Blood Pressure System with 4 cuffs of varying size	\$312.85	
	1 - Lift Stool	\$168.50	
	Bassinet with cart & cabinet	\$2,145.00	
	1- Alaris IV Pump 8015 & 8100	\$2,290.00	
	1- Syringe Pump	\$1,395.00	
	1 - IV Pole-Rolling	\$84.95	
General Patient Care Items	Patient Lift	1,395.00	\$3,855.20
	Isolation Cart	945.00	
	2 - Utility Carts	490.00	
	2 - Linen Carts	710.00	
	2 - Hampers with Bags	315.20	
Medication Station	Pyxis Medication System	49,999.00	\$49,999.00
Nursing Station	2 - Mobil Computer workstations	8,590.00	\$13,572.00
	Chart Cart (3" Binder Capacity)	425.00	
	Medication Cart	2,195.00	
	2 - Laptop Computers-Latitude E6540 CT	2,362.00	
Diagnostic Sonography	Portable Ultrasound	68,000.00	\$68,000.00
Evaluation Tools	DocuCare	1,500.00	\$201,500.00
	SMOTS Digital Recording System	200,000.00	
Estimated Freight			\$5,000.00

B
C
D

Total Estimated Equipment Request \$393,290.12

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