

INSTRUCTIONAL EQUIPMENT REQUEST
2017-2018

Internal Use
IE #: <u>FALL-26</u>
Total \$: <u>5,720.05</u>

Requester Name: Sebastian Wong Division Name: MSEPS

SECTION 1: SUMMARY INFORMATION

Brief Title of the Request:

Emergency Medical Services Student Training Equipment

Equipment Location Building: 2200

Room: 2201 and 2202

Location Comments:

This building houses the EMS classrooms and the EMS Simulation Laboratory

11/16/17
800

SECTION 2: EQUIPMENT DESCRIPTION

The equipment is: A Replacement An Upgrade New Equipment/Technology

Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to LPC from what is currently in place:

The King Vision Endotracheal Intubation Camera is a new equipment/technology for students to use in placing a tube in the trachea of the patient. Historically, placement of the endotracheal tube in a patient requires the use of a curved metal blade attached to a power source illuminating a bulb at the end of the blade. This blade is placed into the patient manually and a plastic tube is inserted into the correct anatomical opening. One of the drawbacks of this technique is that varying anatomies in patients can affect the student's success in placing the plastic tube into the correct anatomical opening. Video cameras placed at the end of this device allows the student to more accurately insert the plastic tube into the correct opening. Video laryngoscopy is also becoming the new standard of care in the profession for paramedics due to the limited number of opportunities for the student to be placed into a clinical setting to learn and practice direct laryngoscopy using the old technology and methods.

The Intravenous training arm is an upgrade to the program. We currently have two training arms and with the increase in our paramedic program census, we need to add two more arms to ensure that there is a sufficient student to training aid ratio. We request two additional arms.

The Pelican case is a replacement for the six old student response kits housing medical equipment. The old response kits have been in use for 15 years in the EMT training program (EMS 20) and many of the boxes have broken latches and cracked cases.

The multi colored body strap system is a replacement for the six older strap systems that have been in use for the past 5 years purchased in our last EMS request for IER. The velcro has faded and continued use jeopardizes student safety if the velcro does not hold the student securely on the backboard.

SECTION 2: EQUIPMENT DESCRIPTION (contd)

If applicable, describe the legal requirement, mandate, or safety concern for purchase of this equipment, making specific reference to the legal requirement or regulation:

SECTION 3: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES

LPC MISSION STATEMENT:

LPC is an inclusive learning-centered institution providing educational opportunities and support for completion of students' transfer, degree, basic skills, career-technical, and retraining goals.

LPC PLANNING PRIORITIES:

- ❖ **Accreditation:** Establish regular and ongoing processes to implement best practices to meet ACCJC standards.
- ❖ **Curriculum:** Provide necessary institutional support for curriculum development and maintenance.
- ❖ **Tutoring Services:** Expand tutoring services to meet demand and support student success in Basic Skills, CTE, and Transfer courses.
- ❖ **Professional Development:** Coordinate available resources to address current and future professional development needs of faculty, classified professionals, and administrators in support of educational master plan goals.

Specify how the equipment supports *LPC's Mission Statement* and *Planning Priorities*:

The requested equipment is essential support for the students' career-technical goals in training students to be Emergency Medical Technicians and Paramedics.

In addition the equipment is required under our local approval as an EMT training site and CAAHEP accreditation as a paramedic program.

SECTION 4: EDUCATIONAL ITEMS – PROGRAM REVIEW

Specify the educational programs this equipment supports:

The equipment will support EMS 30, EMS 20, EMS 10, 11, 12, 13, 14, and 15.

The referenced classes are our Emergency Medical Responder, Emergency Medical Technician and Paramedic programs.

If this equipment is included in your Program Review, please include the exact wording. If equipment is not included, explain why:

The equipment is not included in our program review. Our focus on the current program review is the facilities master plan for developing the laboratory space needed in a new public safety training building.

SECTION 5: TEACHING AND LEARNING

Describe in detail the impact this equipment will have on teaching:

The equipment will have a very positive impact on teaching. The instructor will be able to use state of the art material to demonstrate the equipment to the student.

Describe in detail the impact this equipment will have on learning:

The student will have the opportunity to learn the latest techniques using the video laryngoscopy aid. This will prepare the student to be a step ahead of the other training programs that do not use this technology.

Each academic year, this equipment will impact: ⁹ _____ # of classes/sections ²⁵⁰ _____ # of students

SECTION 6: OUTCOMES (SLOs)

Using your documented SLOs, specify how the equipment will enable student learning outcomes to be achieved.

For EMS 20, upon successful completion of EMS20, the student should be able to pass the National Registry of EMT certification examination administered by the State of California EMS Authority. The Pelican response cases, multi colored body strap system will prepare the student to successfully complete the psychomotor and cognitive domains to successfully pass the certification examination.

For EMS 12, no SLO's have been developed yet and are in process.

What are the consequences related to learning outcomes if request is not funded?

The student will not have the optimum environment for learning the materials in the course outline and as required by our accrediting and approving bodies.

SECTION 7: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)

What is the potential life span of the requested equipment?

The life span for the Pelican cases should be 10-15 years

The life span for the straps should be 3-4 years.

The life span for the King Vision camera should be 2-3 years

The life span for the intravenous training arm should be 4-7 years.

If new storage is needed what are the storage requirements, location requirements, and costs associated with the new equipment: (NOTE: Specific storage costs should be detailed in the "Part A: Initial Start-up Costs" section below.)

No new storage is needed

If this equipment replaces old equipment but the old equipment will not be retired, are there on-going storage requirements, location requirements, and costs associated with the old equipment? If so, provide details.

No

What will be required to maintain the equipment, such as regular servicing or upkeep? (Specific on-going costs should be detailed in the “Part B: On-Going Annual Operating Costs” sections below as applicable.)

Nothing will be required to maintain the equipment except to properly store the equipment.

Explain how this equipment meets or exceeds basic sustainability efforts and/or provides renewable resources to the college:

Part A: Initial Start-up Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Equipment or Materials	5223.79	
Taxes (9.5%)	496.26	
Shipping or Delivery Charge	0	
Installation Costs *	0	
Miscellaneous Costs:	0	
Facilities Modifications		
Operator Training		
Maintenance & Repair Training		
Storage		
Other:		
Vendor Discount		
Grand Total:		5720.05

*For items requiring installation, requesters are required to check with District Purchasing (Victoria Lamica) regarding District policies.

Part B: On-Going Annual Operating Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Annual Service or Maintenance	0	
Estimated Parts Replacement Per Year	30.00	batteries for King Vision
Outside Standardization or Calibration Costs		
Storage Costs		
New Supply Costs		
Miscellaneous Costs:		
Maintenance & Repair Labor		
Other:		
Annual Operating Costs:		30.00

Indicate the source of funding for on-going annual operating costs:

General Fund

Part C: Incremental Labor Costs

OPERATOR:

Indicate the key operator: _____

Is this in their current scope of duties? _____

Indicate cost to train key operator (include in Initial Start-up Costs above): _____

Indicate amount of time per month key operator will use equipment: _____

MAINTENANCE & REPAIRS:

Indicate the person performing maintenance and repairs: _____

Is this in their current scope of duties? _____

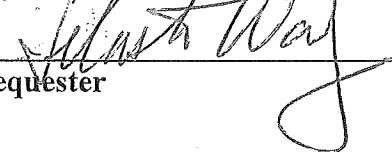
Indicate cost to train for maintenance and repairs: _____

Indicate amount of time per month maintenance will be required: _____

APPROVALS

Funded requesters will be expected to respond to a brief RAC feedback survey by a requested deadline. Requests for computer-related equipment and printers must be reviewed by the LPC IT Department.

Signatures:


Requester

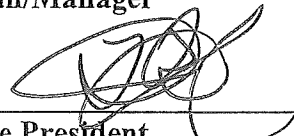
Nov. 7, 2013
Date

IT Department (if required)

Date

nan H
Dean/Manager

11-9-13
Date


Vice President

Date



Quotation

Quote Number	99371791
Date	11/7/2017
Page	1 of 1
Expiration Date	01/06/2018
Entered By	CWALDROUP

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US

Customer Number	Account Manager	Shipping Method	Payment Terms	Ref Number
200772	CHRIS PEARCE	FEE < \$150	NET 30	10109424

Item Number	Description	Quantity	UofM	Unit Price	Ext Price
685115	PELICAN 1550 LID INSERT TRAUMA, CONTERRA	6	EA	\$92.990	\$557.94
6815542	Case, Pelican 1550, Black with Padded Bottom Dividers, 20.5 in x 16.75 in x 8.5 in	6	EA	\$267.990	\$1607.94
2144-KV311	King Vision Kit, 1 Reusable Digital Display, 3 Channeled Disp Blades, 1 St Disp Blade, CD 1ea/cs	1	CS	\$1,369.990	\$1369.99
1280	MULTI-COLORED BODY STRAP SYSTEM, U BODY, NYLON	6	EA	\$87.990	\$527.94
651121	INTRAVENOUS (IV) ARM ADVANCED NASCO WHITE	1	EA	\$579.990	\$579.99

Thank you for the opportunity to provide this quotation. If you have any questions or are seeking additional products, please contact your Account Manager or visit www.boundtree.com.

Subtotal	\$4,643.80
Freight	\$0.00
Tax	\$452.78
Total	\$5,096.58

