



INSTRUCTIONAL EQUIPMENT REQUEST

Due in Dean/Unit Head's Office on September 19, 2011 (FALL) and March 1, 2011 (SPRING)

The Definition of Instructional Equipment can be found in the California Community College's Budget and Accounting Manual. A copy of these definitions is on the PBC webpage: http://grapevine/pbc/InstructionalEquipment.php

Name of Requestor: Jennifer Kesler, ATC

Division/Unit : Physical Education, Health and Athletics

Brief title of request (equipment or materials being requested must be similar, related or part of a system. Game Ready System

Request amount (unit cost and total cost including tax and shipping. Please include all costs including installation, modification to existing facilities to accomodate new equipment, etc.): This should come from the vendor quote

Table with 2 columns: Item (s) cost, Amount. Rows include Tax (.00975), Shipping, Installation, Facilities Modification, Other, and Total Cost.

Attach copy of quote(s), estimate(s) and requisition(s): (Must attach quote & requisition; absence of either will delay processing)

Brief description of specific equipment or materials requested and what they will be used for: (include the # pieces being requested; i.e.: 10 crayola crayons, sky blue, etc. in 250 words or less)

One Game Ready control unit and one of each of the following wraps: ankle, knee, elbow, shoulder, and hip-groin. The Game Ready Accelerated Recovery System would be used for student athletes playing intercollegiate sports and as an instructional device in courses PE 17 and PE 18.

Is this in your Program Review? Yes [checked] No []

This device will enhance the education of the students in PE 17 and PE 18, two of the core courses for the Athletic Training track as part of the new Kinesiology certificate program. This equipment will help all 8 intercollegiate sports teams, including the new Men's and Women's Swimming and Diving teams. As the sports programs grow, the technology being used by athletic training staff should grow as well.

Is it a replacement? Yes

Upgrade? Yes

New technology? Yes

Please explain?

Game Ready provides you with a convenient, comfortable, and portable tool that you can use for treatment in the training room, on the field, or on the road. The system is different from traditional treatment methods like ice packs or simple circulating ice water units. The Game Ready System continuously cycles fluid throughout the form-fitting, flexible wrap, keeping it cold throughout the entire duration of an application or treatment. With adjustable time pressure and temperature settings, treatment sessions can be tailored to every athlete's needs.

Adjustable Cold Therapy- Cold therapy has been shown to decrease pain and muscle spasms, tissue damage and swelling. Game Ready's temperature adjustability allows for customized and comfortable cold application which can help to improve patient compliance.

Intermittent Compression- Compression has been shown to limit swelling, control edema formation, and encourage acceleration of the healing process. In addition, intermittent compression has been shown to be more effective than static compression in the clinical setting. Game Ready's intermittent compression conforms the wrap to the contours of the body to aid in the delivery of the cold therapy.

Enhanced Comfort and Ease of Use- Game Ready's circumferential wraps are easy to apply and comfortable to use without the mess or hassle of ice packs.

Following is the evaluation criteria; please see corresponding Instructional Equipment Rubric.

Instructional and Service Impact

How will this item have a positive impact on instruction and/or teaching and learning in the classroom? Is this for use by the Instructor or students, or both?

The Game Ready Accelerated Recovery System will provide cold therapy and compression for student-athletes when they are injured. The Game Ready is more comfortable than traditional icing methods, so athletes may come in for treatment more often, speeding their recovery. The device can also be used in courses PE 17 and PE 18 by both the instructor and the students. The instructor can use the device as a teaching aid to teach the students about the importance of cold therapy and compression after an injury. The students would be able to try the device on themselves, or practice setting it up on each other. This is a newer technology that can give the students an insight into what is coming about in the athletic training field.

Impact on Enrollment

Will the equipment impact enrollment, attract or increase the number of students participating in a course or program?

The Game Ready will have a positive impact on student enrollment. First of all, this equipment gives student-athletes another option when they get injured. Instead of traditional icing methods which can be uncomfortable and messy, the Game Ready Accelerated Recovery System allows the student-athlete to get both cold therapy and compression in one comfortable, convenient treatment. Secondly, the students taking PE 17 or PE 18 will have the opportunity to learn about and even try a new technology hands on, instead of just reading about it.

Access

How does this item promote the principles of universal design, by providing opportunities for under-represented populations & accommodate students with diverse learning styles?

Where elastic bandages, messy ice packs, and other alternatives offer limited adjustability, the Game Ready System allows you to easily adjust pressure, manage temperature, and select treatment time settings with just the push of a few buttons and the twist of a dial. This allows the treatment to be tailored to the individuals needs. Now you can simply and simultaneously apply intermittent compression and adjustable cold therapy to deliver the two most difficult-to-manage aspects of treatment in one easy-to-use treatment system

Outcomes

How will this equipment enable or enhance SLOs? What are the consequences related to learning outcomes if request is not funded?

By having a Game Ready Accelerated Recovery System, SLOs will be enhanced by creating a comfortable treatment environment that is tailored to the individual versus having to use the same ice and compression methods on every student-athlete.

1. Temperature of the cold therapy can be controlled. Temperature can be adjusted between 35-50 degrees Fahrenheit. A traditional bag of ice is the freezing point of water, or 32 degrees Fahrenheit. This will allow a larger number of people to receive treatment, as some individuals are more sensitive to cold than others. There are many medical conditions that can cause cold sensitivity, and this equipment would allow for those student-athletes to get the benefit of cold therapy.
2. The pressure for the compression can be controlled. This will allow compression therapy at more stages of the injury. No pressure or light pressure can be used when more pain is present or with new injuries, then the pressure can be increased as pain is decreased. The Game Ready's pressure function can be changed from no pressure, to between 5-75 mm Hg. Generalized compression such as with an elastic bandage can not regulated in this way.
3. Traditional ice bags have latex in them which is a common allergy. The Game Ready wraps do not contain latex, so anyone with a latex allergy would be able to safely use this equipment.

Total Cost of Ownership (This is an attempt to identify what the ongoing costs of purchasing this equipment will be to the institution)

- a) What is the lifespan of the equipment? 5 years? 10 years? 20 years?
- b) Is there sufficient current/planned space available for the storage and use of this equipment? If so, where will it be housed? If not, is there a proposed location and are there any costs associated with installation or modifications to the space?
- c) Are there operating costs and how will they be covered by the department?
- d) What will be required to maintain the equipment, such as regular servicing or upkeep? Who will perform maintenance, and what will the estimated costs be?

- a) at least 5-10 years.
- b) Yes, the Game Ready would be stored in the Athletic Trainers office, in PE 108.
- c) No operating cost.
- d) Product comes with a one year warranty. Annual service/preventative maintenance is needed. Currently, our medical devices are serviced annually by Valley Med-Tech Service. Adding one more piece of equipment to be serviced would cost approximately \$50 per year

Visibility/Profile within Community

Is this a "flagship" item that will bring recognition/notoriety to the College or raise the stature of the program? Will it attract students and/or enhance the image of the College in the community because of its rare, one-of-a-kind status?

This equipment is new technology on the market, and the newest model of this device. The Game Ready Accelerated Recovery System is a device used in many universities, but it is not as common at this level. It would be a unique piece of equipment that would be beneficial to both our student athletes, as well as visiting athletic teams. In addition, the students in the Kinesiology Sports Medicine certificate program would be able to learn about this device and have some hands on participation with it.

Commitment to Sustainability

How does this equipment exceed basic sustainability goals and encourage renewable resources at the College? Is the design/operation of this item in keeping with the College's commitment to sustainable practices?

This equipment encourages renewable resources because the device itself is reusable. This will reduce waste by reducing the number of plastic ice bags that are used and thrown away.


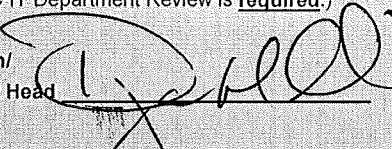

Health, Safety & Security

Does this equipment address any health, safety & security concerns? If so, please explain below.

This equipment addresses the health and safety of the student-athletes by providing simultaneous cold therapy and compression for injuries. This treatment may allow for a faster recovery time and a quicker return to play.

Signatures (required)

(If requesting computer-related equipment/software, LPC IT Department Review is **required**.)

Requested by  Dean/
Unit Head  IT Department Signature _____
LPC VP Business/President _____ Vice President  Maleny 9/26/11
LPC Business Office Use (Account Number) _____

Bid Number 100309353

Sales Rep AARON J. MILLER



Company Name LAS POSITAS COLLEGE

Prepared By ASBELLA

Customer Number 13742401

500 Fillmore Avenue
Tonawanda NY 14150
Phone 800-556-3326
Fax 800-222-1934

Address:
3033 COLLIER CANYON RD
LIVERMORE, CA 94551-9797

925 424 1290

Item Number	Description	Page	Unit Price	Qty	Extended Price
263916	GAME READY CONTROL UNIT	178	\$2245.50	1	\$2245.50
266503	G/R ASSEMBLED ANKLE WRAP LARGE	178	\$310.25	1	\$310.25
266505	G/R STRAIGHT KNEE WRAP	178	\$318.75	1	\$318.75
266507	G/R ASSEMBLED ELBOW WRAP	178	\$263.50	1	\$263.50
266508	G/R MED RIGHT SHOULDER WRAP	178	\$361.25	1	\$361.25
266514	G/R HIP/GROIN RIGHT WRAP	178	\$361.25	1	\$361.25
Sub-Total					\$3860.50
Shp/Hnd					\$424.66
Tax					\$374.95
Total					\$4660.11

* Special shipping and delivery instructions must be specified on the purchase order. Lift gate and inside delivery service may incur additional charges. Please call for quotation.

* FREIGHT BID BASED ON UPS GROUND

* A copy of this bid must be attached to the PO when the order is placed for bid pricing to be honored.

LAS POSITAS COLLEGE Equipment, Apparatus and Service Requisition

#R

FOR REIMBURSEMENT: List payee name & ssn.

TAX ID#

SUGGESTED VENDOR **Medco**

FOR OFFICE USE ONLY

NAME OF STAFF MEMBER **Dyan Miller** DATE WRITTEN **21-Sep-11** DATE REQUIRED **21-Oct-11** DIVISION/ DEPARTMENT **PE/HEALTH ATHLETICS** For inventory purposes include room # where

RETURN COPY OF REQUISITION TO:

PE 104 **Carolyn Smutny**

DESCRIPTION (PRODUCT, TYPE, SIZE, COLOR, STOCK NUMBER) UNIT QTY UNIT PRICE

INSTRUCTIONAL EQUIPMENT REQUEST Air

Game Ready System \$ 3,860.50

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

Vendor Information/ Remit To: Deliver To, include room # (optional):

MEDOC Las Positas College

500 Fillmore Avenue William Eddy or P J Johnson

Tonawanda, NY 14150 PE Complex (Building 2500)

800-556-3326 3000 Campus Hill Drive Room 131

Fax 800-222-1935 Livermore, CA 94550

Fax 800-222-1935 (925) 424-1282

Subtotal \$ 0.0875 \$ 374.95

Shipping (if available): \$ 424.66

INSTRUCTIONAL EQUIPMENT **BT#** TOTAL COST \$ **4,660.00**

Original invoices and receipts must be attached for payment. Include current taxes unless incorporated in price.

ACCOUNT # _____ FUND _____ ORG _____ ACCT _____ PROGRAM _____ Business Office

APPROVALS *[Signature]* *[Signature]* 9-23-11

Supervisor/ Coordinator/ Director

Dean/VP/President