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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: Scott Miner - Welding Technology

Division/Unit : BCATSS

Brief title of request (equipment or materials being requested must be similar, related or part of a system.) Pipe Beveling Equipment

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

Item (s) cost	\$ <u>8145</u>
Tax (.00975)	\$ <u>794.44</u>
Shipping	\$ <u>W/C</u>
Installation	\$ _____
Facilities Modification	\$ _____
Other	\$ _____
Total Cost	\$ <u>8940</u>

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)

Pneumatic pipe beveling machine for preperation of student materials for use in pipe and tube welding operations

Is this in your Program Review? Yes No

The program review discusses the need for tools to bevel and fit-up pipe. Our current tools are ineffective and inefficient with respect to student/teacher contact hours

Is it a replacement? Yes

Upgrade? Yes

New technology? Yes

Please explain?

Our current system uses oxy-fuel flame cutting to bevel pipe.
This method incurs ongoing costs associated with oxygen and acetylene compressed gas.
The quality of the work done with this new tool is better than the existing method, and eliminates the ongoing costs associated with compressed gas purchases.

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?

This will have a positive impact in that it does a better , more consistant , job of preping pipe welding surfaces for student use. It will increase quality and quantity of student materials
The machine is primarily intended for student use.

Access

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

This equipment is capable of being used by all students including those from under represented populations and students with diverse learning styles. ALL students use this equipment.

Impact on Enrollment

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

The unit will have minimal impact on enrollment, yet will add to the experience of those already enrolled

Outcomes

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

This will increase capability to perform pipe welding a standard industry welding process.
This equipment will increase the quality of pipe welding students and skills they possess
If not funded, this will not increase the quality of student/instructor contact hours
We will continue to be tied to ongoing expenses of compressed gas purchases to perform this ongoing task

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?

The lifespan of the equipment is 20+ years.

This unit stores on shelving within the central toolroom

This unit eliminates the ongoing costs associated with compressed gases

Annually, a \$20-40 cutting tool may need to be replaced or resharpened to maintain edge

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?

No flagship here, just increased quality of student/instructor contact hours due to better quicker student materials preparation

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 eliminates the need to purchase and use compressed gases.
Replaces equipment that burns flammable gas with something that operates on compressed air
Fiscal sustainability = eliminates ongoing, increasing expense


Health, Safety & Security

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

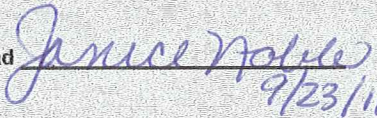
This equipment will increase student happiness and well-being within the welding department

Signatures (required)

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

Requested by 
Scott M. VEE

Dean/
Unit Head


9/23/11

IT Department Signature

Vice President 
9/26/11

LPC VP Business/President

LPC Business Office Use (Account Number)

TRIT TOOL INC.
3041 Sunrise Blvd.
Rancho Cordova, CA 95742
Phone: 916-288-6100
Fax: 916-288-6150

Quote Number
170458-000

Q U O T A T I O N

Date Page
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Customer: 0017629

Ship To:
Las Positas College
3000 Campus Hill Road

Livermore, CA 94551
United States of America

Attn : Minor, Scott
Phone :
Email :

FOB: SHIPPING POINT
Freight Insurance:
App:

Entered.....: 9/19/11 Bid/Promo....: Salesman#: 00101
Valid Until.: 0/00/00 Entered by...: Don Pangburn
LO/PS #.....: Senders Email: D.PANGBURN@TRITOO.COM
Terms.....: NET 30 Ship Terms: PAY FREIGHT

Order Qty	Item	U/M	Price	Disc \$	Extension
	No Description			Disc %	Avail. Date

Equipment availability subject to change.

3.00	DURABIT6	EA	.00		.00
	TOOL BIT, BEVEL, 37.5 DEG. LARGE				
2.00	DURABIT4	EA	.00		.00
	TOOL BIT, FACING, .375 X 1 TALL				

Material Total: 9,050.00
Discount: 905.00

Total Quote: 8,145.00

NOTIFICATION: Proprietary property of Tri Tool (tm) Inc.
No reproduction, use, or duplication of the information
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Tri Tool Inc. Pricing subject to change. Quotes valid for
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quotation, order, pick ticket or invoice constitutes
agreement to Tri Tool Inc.'s Terms and Conditions.

3041 Sunrise Blvd.
 Rancho Cordova, CA 95742
 Phone: 916-288-6100
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Customer: 0017629

Ship To:
 Las Positas College
 3000 Campus Hill Road

Livermore, CA 94551
 United States of America

Attn : Minor, Scott
 Phone :
 Email :

FOB: SHIPPING POINT
 Freight Insurance:
 App:

Entered.....: 9/19/11 Bid/Promo....: Salesman#: 00101
 Valid Until.: 0/00/00 Entered by...: Don Pangburn
 LO/PS #.....: Senders Email: D.PANGBURN@TRITOO.COM
 Terms.....: NET 30 Ship Terms: PAY FREIGHT

Order Qty	Item	U/M	Price	Disc \$	Extension
No	Description			Disc %	Avail. Date

1.00	01-1133	EA	8,500.00	850.00	7,650.00
	MODEL 208B BEVELMASTER			10.0	

Portable pneumatic I.D. mounted pipe or tube beveling system
 for 1.63" I.D. to 8.63" O.D. (41.4 to 219.2 mm). Basic
 tube wall thickness up to .875" (22.2 mm).

Includes: case, operator's manual, tool kit.

Requires: air caddy.

Avail. Options: flange facing kit, elbow mandrel kit, elbow
 mandrel squaring plate, small elbow mandrel kit, sleeve
 mandrel kit, elbow mandrel pointer kit, miter mandrel kit.

Ops Manual: 92-1482

Est. shipping weight: 94 lbs.

Pricing subject to change. Quote valid for 30 days.

Equipment availability subject to change.

1.00	75-0115	EA	550.00	55.00	495.00
	AIR CADDY, FRL, STD DUTY (IR)			10.0	

Accessory - filter, regulator and lubricator system required
 to maintain air motor warranty. Single motor quick
 disconnect and 10' hose.

Note: use with air motors requiring 55 cfm at 90 psi.

Requires: small bevelers and clamshells, miscellaneous
 machines.

Avail. Options: case 86-0197

Ops Manual: 92-0896

Est. shipping weight: 27 lbs.

Pricing subject to change. Quote valid for 30 days.

Continued . . .

