

MEMORANDUM
PLACER COUNTY HEALTH AND HUMAN SERVICES
Environmental Health, Public Health, and Animal Services

TO: Honorable Board of Supervisors

FROM: Richard J. Burton, M.D., M.P.H.
Placer County Health Officer and Director of Health & Human Services
Wesley Nicks, R.E.H.S., Director of Environmental Health, Public Health, and Animal Services

DATE: March 26, 2013

SUBJECT: Acquisition of two biosafety cabinets and one replacement fluorescent microscope for the Public Health Laboratory

ACTION REQUESTED:

1. Approve the purchase of two biological safety cabinets and one fluorescent microscope for use in the Public Health Laboratory, and authorize the Purchasing Manager to sign the resulting purchasing documents.
2. Approve the attached Budget Revision to move \$50,000 from Medical Supplies to Equipment in the Community Health budget, including \$30,000 for the two biosafety cabinets and \$20,000 for the fluorescent microscope, and
3. Approve the addition of this equipment to the Master Fixed Asset List.

BACKGROUND:

A biosafety cabinet is a hooded protected workspace used to perform tests on pathogens that may be transmitted through respiratory means. In varying degrees, a biosafety cabinet is designed to provide three basic types of protection:

- Personnel protection from harmful agents inside the cabinet
- Product protection to avoid contamination of the work, experiment, or process
- Environmental protection from contaminants contained within the cabinet

Recent problems with the existing biosafety cabinet have indicated potential cross contamination concerns. Due to the age of the cabinet (installed in 1980), it is more cost effective to replace the cabinet rather than to repair the existing unit. With additional regional testing work predicted and enhanced safety procedures that are now standard practice for laboratories, a second biosafety cabinet is needed to perform standard testing in an appropriate and safe manner.

The fluorescent microscope is used in the Public Health Lab to look for specific staining patterns which indicate the presence of various pathogens, i.e. rabies, herpes, respiratory viruses, tuberculosis, Lyme disease. The current fluorescent microscope is no longer functioning properly and cannot be repaired as it was purchased in 1963 and replacement parts are no longer available.

FISCAL IMPACT:

There is sufficient funding in the Department's FY 2012-13 Final Budget for the purchase of this equipment. No additional funding is required.

ADDITIONS TO THE MASTER FIXED ASSET LIST

Health and Human Services Department

Appropriation 42760

<u>Qty.</u>	<u>Description</u>	<u>Cost</u>
2 ea.	Biosafety Cabinets	\$ 15,000 each
1 ea.	Fluorescent Microscope	\$ 20,000
	Total Fixed Asset Additions	\$ 50,000

PAS DOCUMENT NO.

BUDGET REVISION

POST DATE:

DEPT NO.	DOC TYPE	Total \$ Amount	TOTAL LINES
14	BR	100,000.00	2

Cash Transfer Required

Reserve Cancellation Required

Establish Reserve Required

3/20/13 Auditor-Controller

County Executive *LC*

Board of Supervisors

ESTIMATED REVENUE ADJUSTMENT

APPROPRIATION ADJUSTMENT

DEPT NO.	T/C	Rev	Fund	Sub Fund	OCA	PCA	OBJ 3	PROJ.	PROJ. DTL	AMOUNT	DEPT NO.	T/C	Rev	Fund	Sub Fund	OCA	PCA	OBJ 3	PROJ.	PROJ. DTL	AMOUNT
											14	014				994276	94276	4451			50,000.00
											14	015				994276	94276	2422			50,000.00
TOTAL										0.00	TOTAL										100,000.00

REASON FOR REVISION: To decrease laboratory supply expenditures and increase Equipment expenditures in the Community Health division for the purchase of two biosafety cabinets and a fluorescent microscope.

Prepared by Stan Hapak Ext x-3144

Department Head *[Signature]*

Date: 3/26/2013

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Budget Revision # _____ FOR INDIVIDUAL DEPT USE

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