

**PERALTA COMMUNITY COLLEGE DISTRICT**  
**Board of Trustees Agenda Report**  
**For the Trustee Meeting Date of September 28, 2010**

ITEM # 21

**ITEM TITLE:** National Center Grant for Laney College Environmental Control Technology Program. Consider approval of application for a proposal to the National Science Foundation Advanced Technology Education (ATE) Initiative requesting \$5,000,000 for a four-year National Center grant for Laney College Environmental Control Technology Department in High Performance Building Technician Education.  
**Presenter: Deborah Budd, Vice Chancellor, Educational Services**

**SPECIFIC BOARD ACTION REQUESTED:**

Laney College proposes to submit a proposal to serve as a National Science Foundation Advanced Technology Education (ATE) National Center. The amount to be funded is \$5,000, 000 for a four-year grant. If funded as a National Center, Laney will focus on curriculum development, resource dissemination, and national education and training in high-performance building operations and management.

**ITEM SUMMARY:** (PLEASE DISCUSS THIS ITEM)

If funded, the Laney ATE National Center will:

- Serve as a national clearinghouse and catalyst to address knowledge and skills as well as roles and responsibilities of high performance building technicians.
- Increase awareness of the urgency for high performance building technician education and training nationwide in support of energy efficiency and sustainability.
- Serve as a national clearinghouse for certificate/degree program models, articulation models, and curriculum models for high performance building technician education and training.
- Serve as a national center for faculty training and resource sharing for community college instructors across the country in support of education for high performance building operations.

Laney College has been encouraged by NSF program officials to submit this proposal. The proposal is due October 21, 2010.

**BACKGROUND/ANALYSIS:**

The Environmental Control Technology (ECT) program is currently operating in its third year of an NSF project grant titled Educating Technicians for Building Automation and Sustainability. The program has received excellent reviews from the external evaluator and has been encouraged to embark on a Center grant as a next step. The Center will leverage Laney's expertise, recognition, and leadership developed as a result of the previous and currently funded NSF project grants as well as the grant-initiated Oakland Green Jobs Corps and Building Performance and Energy Efficiency program which focus on the residential and light commercial sectors.

**ALTERNATIVES/OPTIONS:**

None

**EVALUATION AND RECOMMENDED ACTION:**

APPROVAL

**SOURCE OF FUNDS (AND FISCAL/BUDGETARY IMPACT):**

**NATIONAL SCIENCE FOUNDATION – CATEGORICAL FUNDS – NO FISCAL IMPACT**

**OTHER DEPARTMENTS IMPACTED BY THIS ACTION (E.G. INFORMATION TECHNOLOGY):**

**YES** \_\_\_\_\_ **No** XX

**COMMENTS:**

**WHO WILL BE PRESENTING THIS ITEM AT THE BOARD MEETING?**

**DEBORAH BUDD, VICE CHANCELLOR, EDUCATIONAL SERVICES**

**DID A BOARD STANDING COMMITTEE RECOMMEND THE ITEM? YES** \_\_\_\_\_ **No** X  
\_\_\_\_\_ **IF “YES”, PLEASE INCLUDE THAT INFORMATION IN YOUR SUMMARY.**

(\*\*\*\*\*Board contract approval is subject to negotiation and execution by the Chancellor.)

**PLEASE ACQUIRE SIGNATURES IN THIS ORDER:**

**DOCUMENT PREPARED BY:**

Prepared by: PC CN Fairley Date: 9/20/10  
Dean Peter Crabtree/Carmen N. Fairley, Staff Services Spec.

**DOCUMENT PRESENTED AND APPROVED BY:**

Presented and approved by: DBudd Date: 9/20/10  
Vice Chancellor, Deborah Budd

**FINANCE DEPARTMENT REVIEW**

Finance review required  Finance review *not* required

If Finance review is required, determination is:  Approved  Not Approved

If not approved, please give reason: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Vice Chancellor for Finance and Administration

**GENERAL COUNSEL (Legality and Format/adherence to Education Codes):**

Legal review required  Legal review *not* required

If Legal review is required, determination is:  Approved  Not Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Thuy T. Nguyen, General Counsel

**CHANCELLOR'S OFFICE APPROVAL**

Approved, and Place on Agenda  Not Approved, but Place on Agenda

Signature: Wise E. Allen Date: 9/22/10  
Wise E. Allen, Chancellor