

PERALTA COMMUNITY COLLEGE DISTRICT
Board of Trustees Agenda Report
For the Trustee Meeting Date of December 7, 2010

ITEM # 12

ITEM TITLE: *(Please define the subject; e.g., change order – Berkeley City College)*

Consider approval of contract to Building Intelligence Group in the amount of \$69,000 funded by the National Science Foundation Advanced Technology Education (ATE) grant, to conduct research on best energy management practices of building technicians.

SPECIFIC BOARD ACTION REQUESTED:

Laney College is requesting approval for a contract to the Building Intelligence Group (BIG) in the amount of \$69,000 funded by the National Science Foundation Advanced Technology Education (ATE) grant, to conduct research on best energy management practices of building technicians and update the report Current Situation and Trends in Building and Facility Operations.

ITEM SUMMARY:

The contract consists of the following deliverables:

- **Report Maintenance:** Provide required updates and revisions to the research report “Current Situations and Trends in Buildings and Facility Operations”.
- **Development of Best Practices for Building Technicians:** Evaluate and identify “best practices” for energy efficiency and building performance for building technicians: job shadowing; interviews, assessment and evaluation in summary report
- **Project Support and Dissemination.** Provide ongoing support for the project team by providing presentations and articles promoting the research report and team deliverables

BACKGROUND/ANALYSIS:

The Environmental Control Technology (ECT) program is currently operating in its third year of an NSF project renewal grant Educating Technicians for Building Automation and Sustainability. A critical component of this grant is industry-led research that will inform development and enhancement of building technician programs nationwide.

The Building Intelligence Group, a nationally recognized firm of researchers and industry professionals, has authored the report Current Situation and Trends in Facility Operations which was funded in year 1 and 2 of this grant. The report was evaluated very favorably by the NSF External Evaluator who recognized the value of industry-led research for the continuous optimization of career & technical education programs in emerging green careers. The proposed scope represents an extension of previous research activities. This research is identified and specified in Laney’s original National Science Foundation grant proposal.

ALTERNATIVES/OPTIONS:

None

EVALUATION AND RECOMMENDED ACTION:

APPROVAL

SOURCE OF FUNDS (AND FISCAL/BUDGETARY IMPACT):

**NATIONAL SCIENCE FOUNDATION ADVANCED TECHNOLOGY EDUCATION PROJECT GRANT –
CATEGORICAL FUNDS – NO IMPACT**

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

YES _____ **NO** **X**

COMMENTS:

WHO WILL BE PRESENTING THIS ITEM AT THE BOARD MEETING?

Peter Crabtree, Dean, Career & Technical Education, Laney College

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: 
Dr. Elnora Webb, President, Laney College

Date: 11.24.10

DOCUMENT PRESENTED AND APPROVED BY:

Presented and approved by:  Date: 11-30-10
[Dr. Debbie Budd, Enter Name of College President, (if originating from a college), or Vice-Chancellor of Educational Services

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: Ron Gerhard, electronically Date: 12/3/10
Finance and Administration Approval

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

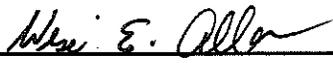
Legal review required Legal review *not* required

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:  Date: 12/1/10
Wise E. Allen, Chancellor