



## **MEASURE G BOND OVERSIGHT COMMITTEE ANNUAL REPORT FOR 2012-13**

### **Message from Mr. Rick Barnes, Chair of the Measure G Bond Oversight Committee**

As chair of the Measure G Bond Oversight Committee of Glendale Community College, I am pleased to report to the community the continued successful utilization of the funds provided to the college by the passage of Measure G in March 2002.

The committee met two times (August 23, 2012 and February 11, 2013) this year where the status of the Measure G “projects” and financial information were reviewed.

During fiscal year 2012-13, Measure G funds were expended on the following projects:

#### **Server Room**

The college’s server room was built in 1997. Since then, several major systems including Oracle and PeopleSoft have been implemented requiring additional equipment housed in this area. This has resulted in the college exceeding the capacity in which the room was designed and puts the college at risk for losing mission critical equipment and extensive system downtime. There have been numerous occasions in the past where servers have shut down because of excessive heat. On the College’s Accreditation Report, the Accreditation Commission recommended that “the college take the necessary steps to ensure the safety of the servers so that the system does not shut down due to overheating.”

A plan was developed and submitted to DSA to reconfigure the server room and upgrade the equipment. The plan consisted of the following components:

- 1) Replace the two air conditioning (AC) units with new refrigerant-based (DX) units. The current units were obsolete, unreliable, and were no longer adequate to cool the room. These new AC units along with the central plant chilled water will provide the appropriate redundancy for failover to cool the servers.
- 2) Increase air flow and maximize cooling efficiencies through the following:
  - a. Remove the internal walls and rearrange racks to create a hot/cold aisle configuration that will maximize space utilization and improve air flow efficiency.
  - b. Use ducted or plenum ceiling return air to decrease the mixing of hot and cold air.
  - c. Install overhead ladder racks to relocate the data cable and electrical power from under the raised floor to reduce the air flow restrictions.
  - d. Replace existing raised floor perforated panels with new air grates to reduce the static pressure and increase the air flow from the AC units.
  - e. Create hot isles and cold isles between the rows of server cabinets to separate inlet cold air and exhaust hot air; this will significantly improve air flow.
- 3) Replace the distributed rack-mounted Uninterruptable Power Supply (UPS) systems with a centralized, fault tolerant UPS system.
- 4) Install a standby generator to power emergency circuits to the AC units, UPS system, and the Fire Suppression System in the event of a power failure.
- 5) Protect the server room by implementing a FM-200 clean agent fire suppression system.

At its October 17, 2011 board meeting, the Board of Trustees approved a request for \$1 million to upgrade the server room out of Measure G funds. This project improved efficiency and minimized the risk of servers overheating.

At the November 2012 board meeting, the budget for this project was augmented \$500,000 to fund the construction component. The additional work required by the Division of State Architect and the decision for construction management resulted in the additional cost. The final project budget consisted of the following line items:

<u>Description</u>	<u>Cost</u>
Division of State Architect submission (architect, filing fee, testing and inspections).	\$125,000
Server room wall partition demolition and reconfiguration.	\$100,000

Overhead cable trays, racks, equipment, air grates, cabling, and rearrange server rack cabinets. <i>Note: cable trays installed, air grates installed, aisle containment system ordered, and racks rearranged. Server rack capacity sizing corroborated and confirmed by mechanical engineers.</i>	\$100,000
Electrical panels, transfer switch, and other services. <i>Note: Power load verified and confirmed by electrical engineers.</i>	\$65,000
Redundant 20-ton Liebert DS Precision Cooling Systems; two dual cool refrigerant-based (DX) and chilled water (CW) units connected to the pony chiller. <i>Note: Cooling verified and confirmed by mechanical engineers.</i>	\$370,000
Centralized UPS, electrical raceways, and rack-mounted PDUs. <i>Note: UPS verified by the electrical engineer. The newly installed single-phase PDUs were certified by the electrical engineer.</i>	\$180,000
Emergency standby generator	\$260,000
Clean agent fire suppression system	\$125,000
Construction management, bonding, insurance etc.	\$138,000
Contingency reserve	\$37,000
<b>TOTAL</b>	<b>\$1,500,000</b>

The project was completed in April 2013.

### **Lab/College Services Building**

The Measure G Bond includes funding for a project to build a new Lab/College Services building. The building will be located just west of the parking structure and will house some of the Student Services departments including Admissions and Records, Counseling, Financial Aid, EOP&S and DSP&S. In addition, there will be additional labs and classrooms. Funding for this project is from a state bond with matching Measure G funds.

This project was scheduled to receive funding for construction from the 2006 state bond. Unfortunately, emergencies at two other colleges requiring capital outlay funds for health and safety projects received funding and bumped the Lab/College Services Building off the list of funded projects. With the downturn in the economy,

construction bids were coming in below original budget estimates. Sufficient funds reverted back to the state, so that \$41.2 million was appropriated in the 2012-13 State Budget for this project.

Planning & Designing have been completed and plans were submitted to the Division of State Architect (DSA) for approval in February 2010. Modifications have been identified by DSA and corrections were made and re-submitted to DSA. DSA accepted the corrections and gave final approval of the plans.

The Los Robles temporary building had to be removed as part of the Lab/College Services building. Los Robles occupied the location of the new building and houses the Culinary Arts program. In order to continue teaching Culinary Arts, it was decided to remodel the cafeteria so that it could be used to teach Culinary Arts classes too. The remodel was completed in August 2012.

In February 2013, the college went out to bid for a project management firm to help oversee the construction of the building. At the March 18, 2013 board meeting, the Board of Trustees approved Cumming to provide construction management services.

The construction bid package was developed and submitted to the Chancellor's Office in May 2013. The documents were thoroughly vetted and reviewed by District Facilities and Maintenance personnel, legal counsel, the project manager and the architect. Approval was received by the Chancellor's Office and the Department of Finance to proceed to bid on May 21, 2013. Bid packages were mailed and the project was publicly advertised. A required job walk was scheduled for June 12, 2013 and bids must be submitted by July 17, 2013.

This project will take an estimated two years to complete.

## Summary of Measure G Projects

<b>Project</b>	<b>Allocation as of June 2013</b>	<b>Expenditures as of June 2013</b>	<b>Total Available</b>	<b>Project Completion</b>
Lab/College Services	15,262,903	720,355	14,542,548	Fall 2015
LCS- Secondary Effects	1,456,976	0	1,456,976	Fall 2016
Server Room Upgrade	1,500,000	1,182,127	317,873	Complete
Cafeteria Remodel	498,500	498,500	0	Complete
Infrastructure	2,010,922	1,991,399	19,523	Complete
Planning	834,759	834,759	0	Complete
Technology	8,243,547	8,243,547	0	Complete
Garfield Campus	22,801,211	22,898,692	-97,481	Complete
Facility Renovation	2,480,697	2,480,697	0	Complete
Allied Health	10,299,702	10,294,917	4,785	Complete
COPS Payment	306,453	306,453	0	Complete
Temp O & M Building	229,524	229,524	0	Complete
Network/Telephone	1,978,103	1,978,103	0	Complete
Science Center	6,989,932	6,989,932	0	Complete
Parking Structure	26,183,327	26,178,157	5,170	Complete
Health & Wellness	994,480	994,480	0	Complete
Athletic Facilities	4,417,324	4,417,324	0	Complete
Cost of Issuance		83,547	-83,547	Complete
<b>Total</b>	<b>106,488,360</b>	<b>90,322,513</b>	<b>16,165,847</b>	

### **Bond Issuance**

The College has sold all of the \$98 million in bonds authorized by Measure G. The last issue for \$14 million were issued in January 2013 to fund the Lab/College Services project.

### **Annual Financial and Performance Audit**

At the February 11, 2013 meeting, the committee members were given a copy of the FY 2011-12 Financial and Performance Audit. The audit was performed by Vavrinek, Trine, Day & Company. On the financial audit, the College received an “Unqualified” opinion on its financial statements. On the performance audit, no exceptions were found in the disbursement of funds, compliance with Measure G Bond Initiative ballot language and the classification of expenditures.

During 2012-13, the College was in compliance with the requirements of Article XIII A, Section 1(b)(3) of the California Constitution. Specifically, the College expended bond proceeds on projects approved on the ballot and there were no expenditures for the College's operations.

The committee continues to support and monitor the actions taken on behalf of the Measure G Bond program by the College administration

I would like to acknowledge and thank the current seven individuals who served on the Measure G Bond Oversight Committee during 2012-13.

Ms. Toni DasGupta  
Mr. Michael Davitt  
Mr. Robert Gabon

Mr. Robert Hall  
Mr. Albert Hoffman  
Mr. Farshid Khosravi

Rick L. Barnes, Chair  
Measure G Bond Oversight Committee