

**CONSENT AGENDA
ACTION ITEM
(REVISED)**

Governing Board Agenda

Meeting Date: November 25, 2008

| Item Number | Item Title | Responsible Agents |
|--------------------|---|---------------------------|
| | Development of the Airpark Data Center | Darrel Huish |

Recommendation

It is recommended that the Governing Board approve the expenditure not to exceed \$4,406,000 to develop a disaster recovery and backup facility in the previously acquired building at Scottsdale airpark. This includes upgrades to air conditioning and electrical systems and provides infrastructure for operation of the data center. This also provides facilities and resources that can be leveraged by the colleges to provide their disaster recovery capability. Purchases will be executed under existing contracts for various items. Items greater than \$100,000 will be provided by the following companies:

- IT assets – IT Partners, City of Tempe contract #T05-079-01
- Cooling and electrical – Titan Power, Arizona state contract #EPS070086-1-A1
- Storage – Custom Storage, AHCCS contract #YH07-0029-01
- Networking –TBD

Purchases would take place beginning in November of 2008 and continue through 2009.

Justification

In order to address requirements for disaster recovery, Maricopa Community Colleges has acquired a building in Scottsdale with many features that make it desirable for a second data center and disaster recovery site. These features include excellent location with regard to physical and environmental threats, existing raised floor space, existing backup power from a generator, and established communications capabilities. While this building has a history of being a data center, for our needs additional cooling and electrical capacity are required.

This project represents a transition to a higher level of service quality than previously offered by ITS. It fulfills the requirement to provide timely disaster recovery for critical business applications including the student information system, human resource systems, financial systems, library, and systems supporting Blackboard. It reduces the risk of failures through the creation of high availability services and allows for growth of existing systems. It extends these capabilities to the colleges leveraging the most value from the investment.

| Funding | Approvals/Certifications |
|--|---|
| <u>Source:</u> 2004 GO Bond <u>Account Identification:</u> 730-701-754430 | Chancellor _____ Academic & Student Affairs _____ Business Services _____ Human Resources _____ ITS _____ Res Dev & Cmty Affairs _____ College President _____ |

Capital Expenditure Breakdown

| | |
|---|-----------------------|
| District Wide Systems | |
| Equipment racks, power, and remote access | \$173,378.80 |
| Physical construction | \$59,200.00 |
| Data center infrastructure | \$1,172,000.00 |
| Networking | \$1,005,898.00 |
| SAN | \$616,000.00 |
| Servers | \$254,500.00 |
| Control and monitoring | \$149,000.00 |
| Project Support | \$180,000.00 |
| College Specific Systems | |
| Redundant networking for colleges | \$380,830.00 |
| College DR hosting | \$414,611.75 |
| Total | \$4,405,418.55 |