

**PERALTA COMMUNITY COLLEGE DISTRICT
Board of Trustees Agenda Report
For the Trustee Meeting Date of April 14, 2015**

ITEM TITLE:

Consider Approval to Purchase Server and Storage Infrastructure and Services for the Virtualization of Data Center Project.

SPECIFIC BOARD ACTION REQUESTED:

Approval is requested to purchase server and storage infrastructure and services for the Virtualization of Data Center Project from CDW-G using piggyback compliant contracts WSCA and NJPA in the not-to-exceed amount of \$525,000.

ITEM SUMMARY:

Consider approval to purchase server and storage infrastructure and services for the Virtualization of Data Center Project utilizing piggyback compliant contracts. This project is a Priority B project under the “Sustainable IT Infrastructure” section of the new IT Strategy:

Project 2.7 of the District’s Information Technology Strategy, Cloud/Virtualization of Data Center Project, calls for the virtualization of Data Center servers to increase efficiency of operations and reduce operating costs.

District IT conducted an assessment of the District’s current server and storage infrastructure this year. At the completion of that survey, IT identified 162 servers that the District is utilizing. All servers are no longer covered under a maintenance contract. 84 of the servers are end of life and can no longer be supported. With the exception of the 6 Cisco UCS servers purchased for the PeopleSoft 9.0 Upgrade Project 9, all servers are over 5 years old. IT is standardized on the VMware virtualization software. The software support contract has lapsed and needs to be renewed.

The assessment also found 2 storage systems that are in use. The systems are 2 different generations of EMC hardware. The 1st sets of systems are over 5 years old and are currently being phased out. The 2nd sets of systems were purchased for the PeopleSoft 9.0 Upgrade Project with that system being 5 years old. The 1st set of storage systems are no longer covered under a maintenance contract.

District IT has the opportunity to refresh the server and storage infrastructure and begin implementing cost saving technologies into the IT data center. IT will aim to virtualize over 90% of its server farm reducing power consumption and server hardware needs. IT will also utilize higher performing storage systems with greater deduplication to increase storage efficiency. IT must implement server and storage technologies that do more with less. Therefore, new server, storage, and software licenses are needed to support this increase.

A request for piggyback compliant WSCA, NIPA, NJPA, and FCCC MCSA contract quotes compared with list pricing was conducted for these projects by CDW-G and ComputerLand. The

requirements were specified and a solution was presented utilizing the following manufacturers: HP servers and Netapp storage. CDW-G met with the Information Technology Department and formulated the required equipment necessary to provide stable and effective support for the required functions of the Virtualization of Data Center Project. Installation of the equipment will be done in house by District IT staff.

The resulting quotes were as follows:

Type	Cost
Equipment/Software	\$492,792.67
Services	\$22,046.08
Project Total	\$514,838.75

The lowest responsible and responsive piggyback compliant contract quotes were the following:

Equipment Category	Vendor	Manufacturer	Piggyback-Able Contract	Total Bid
Server-1	CDW-G	HP Blades	NIPA	\$224,719.85
Server-2	CDW-G	HP DL360	WSCA	\$30,698.79
Software	ComputerLand	Microsoft	FCCC MCSA	\$5,535.00
Storage	CDW-G	Netapp	WSCA	\$253,885.11
Services	CDW-G	Netapp	NJPA	\$22,046.08

The total budget amount for equipment and services is \$525,000 (Includes \$10,000 contingency)

SOURCE OF FUNDS (AND FISCAL/BUDGETARY IMPACT):

Measure A and Measure E (IT Strategy).

BACKGROUND/ANALYSIS:

Under the Public Contract Code section 20652, the governing board of any community college District, without advertising for bids, and when that Board has determined that it is best interests of the District, may authorize by contract to purchase materials and equipment utilizing piggyback-able contracts. The Administration would like to utilize the piggyback compliant contract of WSCA and NIPA for the Peoplesoft Finance Upgrade Project equipment needs. A contract quote analysis was performed using the Western States Contracting Alliance (WSCA), National Joint Powers Alliance (NJPA), and National Intergovernmental Purchasing Alliance (NIPA) procurement methods. These piggy-back contracts have been reviewed and appropriate discount was applied to this purchase by the vendor as verified by the Purchasing Department.

The Western States Contracting Alliance-National Association of State Procurement (WSCA-NASPO) Cooperative Purchasing Organization encourages, fosters, and guides participating members to work together to create true procurement cooperatives. This organization leverages the collective expertise and experience of WSCA and NASPO, aggregate the demand of all 50 states, the District of Columbia and the five (5) organized territories, their political subdivisions and other eligible entities to help spur innovation and competition in the marketplace. All

authorized governmental entities in any state are welcome to use WSCA-NASPO cooperative contracts with the approval of that state's State Chief Procurement Official. This cooperative purchasing benefits states as well as cities, counties, public schools, institutions of higher education and other eligible entities.

The National Intergovernmental Purchasing Alliance is publicly solicited and awarded by City of Tucson, Arizona and offered nationally through National IPA. This agreement (Contract #083052) is a result of a competitively bid solicitation by the City of Tucson and awarded to CDW-G. This agreement offers discounts in software, software licensing & maintenance, hardware and peripherals. Agencies may become participants of National IPA via their website at www.nationalipa.org National IPA is a cooperative purchasing program offered to public agencies and agencies for public benefit. It is an optional program with no minimum purchase requirements and no fees.

The Foundation for California Community Colleges' is established as a 501c(3) nonprofit organization and is the official foundation of the California Community Colleges' Board of Governors and Chancellor's Office. Through the use of its CollegeBuys institutional purchasing program, community colleges can realize significant savings on discounted software, hardware, and IT products from industry leading vendors. ComputerLand of Silicon Valley is the designated and authorized educational reseller for the CollegeBuys program and Microsoft Campus and Select Agreement.

DELIVERABLES AND SCOPE OF WORK:

Under this purchase, CDW-G deliverables will include equipment for the District IT Data Center, necessary software licenses, as well as any other equipment and services specified in the quote. ComputerLand deliverables will include software licensing specified in the quote.

ANTICIPATED COMPLETION DATE:

June 2015

ALTERNATIVES/OPTIONS:

N/A.

EVALUATION AND RECOMMENDED ACTION:

Approve the purchase of servers and storage infrastructure and services for the Virtualization of Data Center Project.

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

YES X NO

COMMENTS: NONE

WHO WILL BE PRESENTING THIS ITEM AT THE BOARD MEETING?

Associate Vice Chancellor Calvin Madlock

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

DOCUMENT PREPARED BY:

Prepared by: Michael Dioquino Date: 03/20/2015
Michael Dioquino, Director of Technology Services

DOCUMENT PRESENTED AND APPROVED BY:

Presented and approved by: Calvin Madlock Date: 03/31/2015
Calvin Madlock, Associate Vice Chancellor of IT

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: Susan Rinne Date: 03/31/2015
Susan Rinne, Interim Vice Chancellor of Finance & 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: _____
Nitasha Sawhney, Acting General Counsel

CHANCELLOR'S OFFICE APPROVAL

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

Signature: José M. Ortiz
José M. Ortiz, Chancellor