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13-039

AUTHORIZE USE OF INTER-GOVERNMENTAL
COOPERATIVE CONTRACTS FOR THE ACQUISITION
OF HARDWARE, SOFTWARE AND SERVICES TO
UPGRADE THE EXISTING VIRTUAL SERVER
ENVIRONMENT

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REPORT: The College has a need to upgrade the existing virtualization environment because it has reached its maximum capacity and is nearing end-of-life support. Traditionally, servers host a single application. With virtualization, a physical server is partitioned into numerous virtual servers. Partitioning allows the physical server to perform at a greater capacity hosting numerous applications instead of a single one. In addition, a new environment will also play an important part in creating an alternate Data Center at Clackamas ESD, which will be used for Disaster Recovery and Business Continuity events. By continuing to enhance our virtualized server environment in the data center, we are actually moving physical servers on to virtual machines. The ongoing consolidation means less physical servers, more energy savings, and improved access to information housed in the data center. To address the needs and the limitations of the College's existing environment, staff consulted with CDW-G and Hewlett Packard based on their expertise, experience with similar types of work, and compatibility with existing equipment. As a result, a new comprehensive virtualization

environment was designed and a list of equipment for acquisition was developed for the VMWare Virtual Storage Solution and Hewlett Packard ProLiant servers. The estimated cost for this purchase will exceed the \$150,000 threshold, which requires the Board of Directors approval.

The VMWare product will be purchased from CDW-G whose pricing will be based on the existing contract with the State of Oregon (Contract #0444, valid through 08/2014) and from Hewlett Packard whose pricing for servers will be based on the Western States Contracting Alliance (WSCA) contract (B27164-9760 valid thru 2014). The College is a member of WSCA, which is an incorporated not-for-profit multi-state membership organization dedicated to maximizing the value of state and local government technology. Utilizing a WSCA contract and the State agency cooperative contract is allowed without a competitive process per the College Procurement Rules (CCR 214) as the WSCA contract has already been competitively bid.

RECOMMENDATION: That the Board of Directors authorize the use of inter-governmental contracts for the acquisition of products and services to upgrade the existing virtual server environment: The VMWare product and services will be purchased from CDW-G, for a total of \$1,084,025 and Hewlett Packard, ProLiant servers for a total of \$194,018. The estimated cost for this project will be \$1,278,043. Funding will be from the 2008 Bond Program.