

Disaster Recovery System at Braswell High School (Phase 2)

January 23, 2018

SUMMARY:

This item requests approval of the quote from EST Group, LLC for the disaster recovery system at Braswell High School. This will be the second phase of a two-phase project.

BOARD GOAL:

VI. Growth, Change & Fiscal Responsibility...be environmentally responsible and aggressively pursue energy efficiency and conservation principles in building design...demonstrate effective and efficient management of District resources...provide leadership and /or oversight to ensure District meets all fiscal, legal and regulatory requirements.

BACKGROUND INFORMATION:

Since January 2016, the Technology Division has been focused on finding and implementing a solution that provides the District with a storage area network infrastructure that can keep up with the storage demands of our fast-growth district, as well as the performance required for the data systems that drive the District's operations. Upon completion, the designed two-phase project will allow the District to run with near zero downtime and gives high availability during outages. This creates more resiliency, better management, and overall cost savings for the District. The system allows for zero-downtime maintenance for production systems enabling Technology staff to perform critical maintenance during business hours, maximizing existing resources. Leveraging this Microsoft/Dell EMC infrastructure gives the District the independence and choice to run at multiple sites for load balancing, disaster recovery, and business continuity. The expenditure for Phase 1 was approved on May 10, 2016 and the work completed in January of 2017. Phase 1 provided half of the full solution split across the central data center and the disaster recovery site at Braswell High School. Phase 2 will complete the solution at both sites and provide a foundation for the finance and student information systems to migrate to a high-availability platform. This purchase is utilizing the State of Texas DIR contract DIR-TSO-3763 and is being brought for approval in accordance with the District's CH (local) policy.

FISCAL IMPLICATIONS:

Cost will be borne by the 2013 Bond funds and assigned fund balance.

BENEFIT OF ACTION:

Passage will allow completion of the disaster recovery system and allow the District's data systems to run in an efficient and reliable manner.

SUPERINTENDENT'S RECOMMENDATION:

It is recommended that the quote for Phase 2 of the disaster recovery system to be located at Braswell High School from EST Group, LLC in the amount of \$649,900.00 be accepted and the cost be borne by the 2013 Bond funds and assigned fund balance.

STAFF PERSONS RESPONSIBLE:

Debbie Monschke, Assistant Superintendent of Administrative Services
Ernie Stripling, Technology Information Officer
Cindy Willis, Director of Purchasing

APPROVAL:

Signature of Staff Member Recommendation _____

Signature of Divisional Assistant Superintendent _____

Signature of Superintendent: _____