

## Additional Internet Connection at Braswell High School

May 22, 2018

### **SUMMARY:**

This item requests approval of the quotes from two vendors for additional internet connection at Braswell High School.

### **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:**

Denton ISD currently has one 10GB of internet connectivity for the District and one 2GB internet connection for the Jetpack 4G network. The District is 16GB's short as of today. This request adds the necessary network equipment for one (1) additional 10GB internet circuit at Braswell High School from Region 11. We are switching the current District internet provider to Region 11 starting July 1, 2018 due to lower cost. This will give the District 22GB's of internet bandwidth. The additional network equipment will split the District's internet connectivity between the Central Technology Building and Braswell HS for disaster recovery reasons. This separation helps to balance the internet loads between the eastern and western areas of the District. The network equipment is a duplicate of what we currently have at our Central Technology Building which includes a firewall, internet filters and priority data balancing. The completion of this project will allow the District to grow another 5GBs per site for the District internet bandwidth. The Technology department contacted vendors for quotes on this project and evaluated the responses. Netsync Network Solutions' quote in the amount of \$727,792.27 which includes the network, firewalls, installation and collaboration best met the District's needs. This quote utilizes the State of Texas DIR contract DIR-TSO-2542. Resilient Intelligent Networks, LLC submitted a quote in the amount of \$78,175.24 for the diagnostics and packet shaping software and the fiber expansion module. This purchase would be made utilizing the TIPS contract# 2012116. The total project cost is \$805,967.51. These purchases are being brought for approval in accordance with the District's CH (local) policy.

### **FISCAL IMPLICATIONS:**

Cost will be borne through bond contingency funds.

### **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 quotes from Netsync Network Solutions and Resilient Intelligent Networks for the additional internet connection at Braswell High School be accepted.

### **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: \_\_\_\_\_