

# Cedar Hill Independent School District

## BOARD OF TRUSTEES

Meeting Date: June 10, 2013

Presented by: Horace Williams, Superintendent of Schools

Subject: Fiber network expansion

### Action Item

#### **BOARD GOAL:**

Design and implement a rigorous instructional delivery system that is data-driven, fosters student engagement, college, and career readiness.

#### **BACKGROUND INFORMATION:**

The district data center is currently connected to the core network campus locations via a lease data line from AT&T. The current line is only capable of speeds of 1 gigabyte which is reaching its capacity. With increase data usage and video conferencing CHISD needs to increase its connectivity from the Government Center to the core network location at High School. There are two options outlined within the enclosure of options to increase network speed. The option of building out private fiber from the government center to the existing fiber network located at old downtown would provide the best return on investment option to the district of 3 years.

#### **RECOMMENDATION:**

Staff recommends the purchase and installation of private fiber from Verizon through the State DIR contract.

#### **BOARD ACTION REQUIRED:**

Board approval is required.

#### **POLICY AUTHORIZATION:**

CH (LEGAL)-PURCHASING AND ACQUISITION

#### **CONTACT PERSON(S):**

Kyle Berger, Executive Director of Technology

#### **FUNDING SOURCE:**

2013-14 199 General Fund

#### **ENCLOSURES:**

Return on investment and connectivity options  
Fiber layout and design