

Detail:

The following history is being presented for the Board's information and approval of a contract over \$50,000.

Barton internet connection provided by KanREN

Because of increases in enrollment and also in the ability to connect more locations at Grand View and Fort Riley at increased speed, Barton needs to increase our internet bandwidth from 20Mbps to 30Mbps at a cost increase of \$4,590 per year. On a daily basis the main Internet connection begins 95% saturation at 10:00am until approximately 3:00pm. This saturation slows down student/faculty access to the online learning system and other web based resources. Barton does shape the bandwidth using available technology through our firewall system, but we have not be able to handle the increase load as students, staff, and faculty now carry multiple devices which connect to the Internet. Faculty have aslo started adding more web based multimedia to their classroom teaching to better engage students in the learning process. Barton has been with KanREN for over 10 years and KanREN provides a backbone for all regents' colleges and Johnson Community College, Colby Community College, Fort Scott Community College, Garden City Community College and Highland Community College.

2008-2009 – 15Mbps – \$49,300

2009-2010 – 20Mbps - \$58,110

2010-2011 – 20Mbps - \$56,000

2011-2012 – 20Mbps - \$46,070

Proposed – 2011-2012 – 30Mbps - \$50,660

Recommendation: It is recommended that the Board approve this continued contract with KanREN.