

# FCR 11

Office of the President  
December 9, 2014

Members, Board of Trustees:

## REMOTE SITE FIBER INFRASTRUCTURE CAPITAL PROJECT

Recommendation: that the Board of Trustees approve the initiation of the Remote Site Fiber Infrastructure Capital Project.

Background: The Kentucky Regional Optical Network (KyRON) is a collaborative effort of the Council on Postsecondary Education (CPE), the University of Kentucky and the University of Louisville (UofL). The primary purpose of the KyRON is to promote, develop and provide advanced fiber-optic network infrastructure and services to all public universities in Kentucky.

This project will establish connectivity via 100 gigabit geographically diverse dark fiber links from Lexington to Frankfort to Louisville and from Lexington to Cincinnati, creating the KyRON core networks. The connected universities, starting with UK and UofL, will be able to use the networks for “Big Data” research collaborations with other leading research universities and federal agencies in the United States. The networks also will facilitate the flow of medical “Big Data” supporting UK’s healthcare mission. In close collaboration with CPE, the networks are being designed so that all Kentucky universities will be able to take advantage of the high-speed circuits.

This project was authorized by the 2014 Session of the Kentucky General Assembly. The scope of this project is \$1,600,000 and will be funded with agency funds.

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Action taken:     Approved     Disapproved     Other \_\_\_\_\_