Executive Summary of Project for BIP and BTOP: a) Opportunity the proposed system seeks to address. There are many customers in these building without fiber access currently. Without fiber, their available speeds of Internet access are limited to ADSL. We have a number of customers in these buildings seeking to gain higher speed access including Internet based Businesses, Galleries, Law Offices, and other companies. b) A general description of the proposed funded service areas (location, number of communities, etc.) The proposed funded service area is in the heart of downtown Lexington. There are more than thirty-six businesses at the 5 locations. c) Number of households and businesses passed. Twenty-eight businesses and five residences are passed along the route from the Central Office to the Fayette Building. d) Number of community anchor institutions, public safety entities, and critical community organizations passed and/or involved with project (e.g. healthcare, education, libraries, etc.). Thirteen community anchor institutions could be served by this project, including a museum, several art galleries, a theater, two schools, several churches, and a community development foundation. e) Proposed services and applications for the proposed funded service areas and users. Internet access at up to Gigabit Ethernet speeds at very competitive rates in Lexington, Kentucky. f) Approach to addressing the non-discrimination and interconnection obligations TeraBlue, Inc will work towards providing service and interconnection to anyone in the area that can be provided for in an indiscriminate manner. g) Type of broadband system that will be deployed (network type and technology standard). Cisco Carrier Ethernet and IP/Multiprotocol Label Switching (IP/MPLS) technologies with Cisco Metro Ethernet Switching. This is, also, called "Ethernet in the First Mile" technology. We will deploy a Cisco ME 3400 switch in each building. h) Qualifications of the applicant that demonstrate the ability to implement and operate a broadband infrastructure, and/or be a sustainable broadband services provider. Founded in 2000, TeraBlue, Inc has been a leading supplier of Internet and ATM switching for customers in Lexington, KY. i) Overall infrastructure cost of the broadband system. $288,645.00 will be the Overall Infrastructure cost assuming infrastructure is limited to equipment and not the fiber installation. j) Overall expected subscriber projections for the project. 64 businesses can be provided with this service. k) Number of jobs estimated to be created or saved as result of this project. There will be three new jobs created to install and support these new connections.