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Organization: District of Columbia Government

Project Name: DC Community Access Network

Project Type: Comprehensive Community Infrastructure

State: District of Columbia

Federal Award: \$17,457,764

ABOUT THE PROJECT

The **District of Columbia's** Community Access Network (DC-CAN) project plans to deploy a high-speed middle mile broadband infrastructure to provide direct Internet connections for community anchor institutions located predominantly in the city's economically distressed areas. Specifically, the project plans to serve approximately 190 anchor institutions, including four community colleges, 58 public safety entities, 38 schools, 23 libraries, and 64 health care facilities largely in Wards 5, 7, and 8, including the communities of Eckington, Kenilworth and Anacostia, which have unemployment rates substantially higher than the national average. DC-CAN proposes to upgrade and augment the District of Columbia's existing 293-mile fiber network with over 170 new fiber miles and to provide anchor institutions and last mile broadband providers with speeds of up to 10 Gbps.

DC-CAN proposes to:

- Encourage improved broadband service for local consumers and businesses, including as many as 248,000 households and 30,500 businesses, by enabling local Internet service providers to utilize the project's open network to serve their customers.
- Promote public safety by enabling all city public safety communications to operate on the same infrastructure and by standardizing access to federal law-enforcement databases.
- Facilitate the sharing of vital health-related information among the District's community health centers towards "one patient – one record" electronic management of medical records and enable use of additional health IT applications such as telemedicine and in-home monitoring.
- Connect the public computer centers in the companion DC Community Computing Resources project.

ORGANIZATION'S HISTORY

The District of Columbia's Office of the Chief Technology Officer (OCTO) has been operating a fiber network for 76 government agencies at 310 sites since 2003. OCTO develops, implements, and maintains the District's technology infrastructure; develops and implements major enterprise applications; establishes technology policies and standards for the District; and provides technology services and support for District agencies.

PROJECT PARTNERS

- Community College of the District of Columbia
- Science Applications International Corporation
- University of the District of Columbia
- George Washington University
- District of Columbia Public Charter School Board and various Charter Schools
- Ciena Communications
- Cisco Systems
- Six additional DC government agencies
- District of Columbia Public Library

Data provided in the project description is based on information supplied by the applicant. An executive summary of this application can be found on www.ntia.doc.gov/broadbandusa.

For press-related inquiries, contact 202-482-7002 or press@ntia.doc.gov. For the general public, contact BTOP@ntia.doc.gov.

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