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Organization:	OpenCape Corporation
Project Name:	OpenCape Corporation Middle Mile Project
Project Type:	Infrastructure
State(s):	Massachusetts
Federal Award:	\$32,072,093

ABOUT THE PROJECT

The OpenCape Corporation Middle Mile Project intends to deploy 350 miles of fiber-optic and microwave broadband network to directly connect more than 70 anchor institutions, including 12 emergency shelters, 30 libraries, five colleges, six academic research facilities, and 18 town or public safety facilities. These anchors will receive 100 Mbps service, allowing them to support a wide range of economic, educational, public safety and healthcare-related applications. The project also expects to facilitate new or improved high-speed Internet access for the entire Cape Cod region, comprised of approximately 320,000 households, 62,000 businesses, and 520 anchor institutions, by enabling local Internet providers to connect to the project's open network.

The OpenCape Corporation Middle Mile Project also proposes to:

- Build needed public safety redundancy through a microwave network spanning the entire Cape and Islands and provide priority service to public safety and health service providers.
- Offer sufficient capacity and speed to allow local county, municipal, and educational entities to provide regional services, such as telemedicine, with greater impact and efficiency.

ORGANIZATION'S HISTORY

OpenCape Corporation, a 501c(3) not-for-profit corporation with a public-private partnership business model was formed to address regional communication needs associated with education, research, economic development, and public safety. Open Cape has worked on this project for nearly three years, conducting ongoing research and working closely with stakeholders across the region, and developing a business and engineering plan that both meets regional needs and is sustainable over time. In July 2009, OpenCape identified RCN Metro Optical Networks (RCN), an established middle mile builder and operator, as its primary operating partner through a competitive process. The project's business model entails OpenCape sharing fiber services with RCN in return for sharing revenue. OpenCape also has partnered with the Woods Hole Oceanographic Institution, which has decades of experience in significant federal grants management, for grant compliance and reporting.

PROJECT PARTNERS

- Barnstable County
- Massachusetts Broadband Institute
- RCN Metro Optical Networks
- Woods Hole Oceanographic Institution

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.broadbandusa.gov.

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

