

Broadband USA Applications Database

Applicant Name: Arnett Development Group LLC

Project Title: Dartmouth-Lake Sunapee Community TeleHealth Initiative (THI)

Project Type: Sustainable Adoption

Executive Summary

- 1.) Provide telehealth end-users better telehealth applications, health services and cost controls by enhanced broadband awareness, education, affordability and availability.
- 2.) Provide to key users the training, education and financial incentives to purchase enhanced or new broadband connections from ISPs, private and public.

The Dartmouth-Lake Sunapee Community THI will generate deeper and wider demand by incentivizing telehealth users: patients, care-givers, and facilities. The incentives will include education, training, technical assistance and/or subsidized service and equipment. These telehealth users will engage private sector ISPs to deliver high-speed internet. The Dartmouth-Hitchcock Medical Center will promote telehealth solutions via its extensive state-wide network. The type and extent of the subsidy will be based upon the recipients' income, and each situation's "leverage"; how great of an impact on health improvements, and healthcare costs controls are possible per site. WCNH will coordinate the field outreach, community support, the identification of eligible populations, and the delivery of individualized solutions with the Implementation Manager.

c) Area(s) to be serviced:

This pilot initiative will begin in eligible census blocks within New Hampshire, starting in DHMC's "back yard". Two adjacent communities -Lyme and Orford- have been identified by the NH Public Utility Commission as either unserved or underserved. Two others are close-by: Newbury and Springfield. Close proximity of DHMC and WCNH to the pilot is important for easy and rapid response from DHMC medical, service and IT members of the DHMC. The DHMC is a statewide healthcare network, the largest in Northern New England. As these close-by populations are reviewed and addressed, the THI can be implemented in other unserved and underserved communities in the state. The target is 375 residences, and 25 institutions within the 3 year window.

d) DHMC receives many millions of federal funding dollars annually, including for federally sponsored research. It is a capable federal contractor. DHMC has assigned this initiative to its Director of Internet Strategy and Operations. A leadership board that overseeing WCNH which includes Town Managers, key

DHMC personnel, a Dartmouth College representative, and others with telecom and telehealth expertise. WCNH, Inc will contract for any needed professional services via RFPs, and has a qualified telecom policy and economic development company assisting it under contract for submission of this application and implementation.

Jobs: This proposal will create 2 FTEs. Many additional positions may be created as a result of opening adjacent areas to sustainable broadband options. DHMC is the region's leading research institute, and along with Dartmouth College, together they generate \$500m in research contracts and many patents annually. Because of this high-tech and high-skill resident pool, this area has a very high level of entrepreneurship and at-home inventiveness.

F) Overall cost \$2,160,000