

Broadband USA Applications Database

Applicant Name: NextGen Internet Systems Inc

Project Title: NextGenIS 10Gb+ Backhaul & Fixed Wireless Broadband Services in Oregon's Mid Willamette Valley

Project Type: Last Mile

Executive Summary

NextGen Internet Systems Inc. (NextGenIS) is proposing a broadband expansion project that meets the NTIA BTOP grant application requirements, addresses deficiencies in the broadband offering in underserved communities, and builds broadband capacity for future growth in Oregon. The NextGenIS project will: -Bring lower-cost bandwidth to the region between Eugene and Corvallis/Albany Oregon and make it available to local ISP companies and more than 20 community anchor institutions, public safety entities, and critical community organizations in the 700 square mile area. -Extend competitive broadband offerings to underserved areas from Eugene to Corvallis/Albany Oregon. -Enable a residential 1 Mb (minimum) broadband offering for \$29.99 per month throughout the area. -Enable a residential 1Mb + phone offering for \$49.99 per month throughout the area. -Enable customers to choose from multiple ISP companies utilizing this expanded network. -Extend economic voice over IP (VOIP) phone service offerings to the entire area reducing cost of internet plus land-line phone service. -Create 12 new full-time jobs within 60 days of funding and sustain at least that many positions during and following the three-year project. -Generate seven collocation projects with Qwest, funding seven short term construction contracts. -Set the stage for future development and growth in the area between Eugene and Corvallis/Albany. -Purchase over \$8M in networking equipment and broadband infrastructure equipment from American-owned firms. The NextGenIS broadband expansion project has three components: 1. NextGenIS Regional Colocation (Backhaul) — The colocation of NextGenIS within Qwest offices in Eugene, Corvallis, Springfield, Junction City, Adair, and Albany Oregon. 2. NextGenIS Fiber Outreach — Extend fiber access into communities and complexes within the funded area that are underserved and to antennas that will support the expansion of our proven fixed-wireless broadband network deep into the underserved areas between and around Eugene and Corvallis/Albany. 3. NextGenIS Wireless ISP Network Expansion — Expand our proven 15 megabit Wireless ISP (WISP) network to underserved customers between Eugene and Corvallis/Albany. NextGenIS sustainability of the project is based on adding the equivalent of 24,000 subscribers over a five-year period (with each additional VOIP line counting as a new subscriber). Total proposed funding is \$19.4 million. NextGen Internet Systems Inc. incorporated as a C Corporation on June, 1 2009 through a merger of three companies in Corvallis, Oregon: ExchangeNet (an established and growing ISP for more than a decade), Programming Services Inc. (an IT services company), and Wadman Enterprises Inc. (a content development and project management firm). NextGen Internet Systems Inc.'s primary charter is to aggressively expand the innovative and economical broadband and VOIP offerings developed and introduced by ExchangeNet. The project will start as soon as it is funded. It will be fully staffed within 60

days and will be at least two-thirds complete within 2 years. This project will create 12 full-time positions in NextGenIS during the two-year project with all those positions extending for at least three years beyond the project completion. In addition, contractors and vendors will be employed for much of the construction and installation tasks required to complete the project.