Broadband USA Applications Database

Applicant Name: Capacity Provisioning Inc.

Project Title: CPI Fiber + Wireless mesh

Project Type: Last Mile Non-Remote

Executive Summary

a) Opportunity the proposed system seeks to address. 1. Public Safety 2. Support for Broadband Services in Schools and Libraries ~ 3. Unserved and Underserved households and business 4. Rural Healthcare Support b) A general description of the proposed funded service areas (location, number of communities, etc.) Clallam County is located on the Olympic Peninsula of Washington State. Clallam County consist of 3 primary cities Sequim, Port Angeles, and Forks with several other smaller townships. The initial proposed target area would support the rural community surrounding Port Angeles and Sequim, with future scalability to Forks and the remainder of Clallam County. c) Number of households and businesses passed. d) Number of community anchor institutions, public safety entities, and critical community organizations passed and/or involved with project (e.g., health care, education, libraries, etc.). 22 e) Proposed services and applications for the proposed funded service areas and users. Data connections, Private Networks, Service Provider Outreach, and Public Safety. f) Approach to addressing the non-discrimination and interconnection obligations – Proposed will be an open access network for wholesale, government, commercial, educational, and resale customers. g) Type of broadband system that will be deployed (network type and technology standard). 10 Gb backplane with 1 Gb distribution legs to rural areas, supporting a wireless mesh networks broadcasting the following protocol; 802.11 a,b,g,n 802.3af 802.1q 802.1d h) Qualifications of the applicant that demonstrate the ability to implement and operate a broadband infrastructure, and/or be a sustainable broadband services provider. Capacity Provisioning Inc (CPI) is the largest internet fiber optics service provider on the Olympic Peninsula of Washington State, maintaining and serving systems and networks for organizations including Clallam County, the City of Port Angeles, Olympic Medical Center, the Port Angeles School System, Peninsula College, North Olympic Library System, and hundreds of area businesses. CPI has been supporting Clallam County since 2001 offering the largest data transport and one of the largest ISP on the Olympic Peninsula CPI’s staff of network, wireless, VoIP engineers makes us the leading candidate on the Olympic Peninsula in supporting the wide ranges of broadband services. i) Overall infrastructure cost of the broadband system. $8,756,495.00 j) Overall expected subscriber projections for the project. Residential 4000 Commercial 250 k) Number of jobs estimated to be created or saved as result of this project. 15