

The Ponderosa Telephone Co.

CASF Application

Response to Item #1

Applicant's Name - The Ponderosa Telephone Co.

Contact Person - Dan Douglas 559-868-6395, dand@ponderosatel.com

Project Title - Big Creek

Proposed Project Area Location - Big Creek, Huntington Lake, Lakeshore in Fresno County.

Project Type - Last Mile

CASF Funding Requested - Grant in the amount of \$898,574

Description of the Project - Install a new Fiber Optic Cable System from Musick Mountain to Big Creek. Install a new Broadband Loop Carrier system at the Grouse Creek subdivision to serve these customers and upgrade the legacy DLC systems in Big Creek, the Sierra Summit electronics site and the Tammarack electronics site, utilizing existing Ponderosa Telephone copper distribution plant in a Fiber-To-The-Node (FTTN) configuration. Design parameters specify VDSL2 rate and reach of 24 Mbps down and 2 Mbps up at 3 KF and ADSL 2+ rate and reach of 12 Mbps down and 1.5 Mbps up at 8 KF. Longest loop design not to be less than 6 Mbps down and 1.5 Mbps up at 13 KF. Install fiber distribution facilities in the Camp Sierra subdivision in a FTTH GPON configuration

with the equipment located in the Big Creek CO. GPON design parameters to 50 Mbps down and 20 Mbps up.

Map of the Proposed Project - See attached .pdf file

List of Census Block Groups - 060190064021, 060190064022.

060390001023. List of Zip Codes - 93605, 93643, and 93664.