

## **CASF APPLICATION**

### **Item 1 -Project Summary (Distributed Publicly)**

Applicants Name: CalNeva Broadband, LLC. FEIN: 802095645

Contact Person: Thomas E. Gelardi [tgcvc@sbcglobal.net](mailto:tgcvc@sbcglobal.net) (559) 259-1340

Project Location: Cities of Coalinga and Huron in Fresno County and rural surrounding areas. Zip Codes: 93210 & 93234

Project Title: **Rural Fresno**

Project Type: Last Mile

Requested Grant Amount: \$519,260

Serviceable Locations Identified: Approximately 500

#### **Project Summary/Background:**

In the 4<sup>th</sup> quarter of 2019 CalNeva Broadband completed project (CASF Resolution) T-17563. The project encompassed upgrading the former abandoned Comcast Communication's cable TV system infrastructure within the city limits of Coalinga and Huron. The project entailed interconnecting via microwave the 2 cities, installing 7 miles of fiber optic backbones and upgrading the existing 51 miles of coaxial cable tv infrastructure to provide broadband to approx. 6,000 households and businesses. The original grant was for \$511,170. At present CalNeva serves approx.: 1200 Broadband and/or digital telephony subscribers and is adding over 20 new subscribers on average monthly.

The former operator abandoned all video services at the end of 2015. Post project completion it was discovered the infrastructure acquired from Comcast did not pass 100% of the residential and businesses within the city. The physical plant was not extended to provide services to Apartments and Subdivisions built from 2014 to the present. The physical plant did not provide service to commercial areas since there was little to no demand for video services and Comcast did not offer broadband services. The scope of the original grant only addressed upgrading the existing infrastructure and did not envision the households the infrastructure did not reach and the businesses that were never serviced. Since CalNeva Broadband launched Broadband in the 2 cities it has been contacted and has identified several households and businesses both inside and outside the existing city limits that could easily be served by extending the existing infrastructure. The non-serviceable households and businesses are identified on Exhibit A which also contains the census tract and block information. In total there are nearly 500 unserved potential units that have been identified.

As of December 31<sup>st</sup>, 2022, Calneva has invested over \$1,650,000 in capital improvements in Coalinga and Huron (including the CASF grant funds). CalNeva has the technical expertise to provide service to the aforementioned identified unserved households and businesses but does not have the funds.

The plan to serve these unserved areas is two fold. Extend the existing fiber/coaxial infrastructure where economically feasible and provide service utilizing wireless technologies where extending the physical wired plant does not make economic sense.

**REQUIRED INFORMATION:**

**Maximum Download and Upload Speeds offered:** Currently 200 Mbps download and 30 Mbps upload. By the end of 2023 the download speeds will be increased to a maximum of 300 Mbps.

**Median Household Income:** The average median household income across the project area is \$57,509. The average median household income for Census Block Groups 06019007800, 06019007900, 06019008000, and 06019008100 encompassing the City of Coalinga is \$65,180. The average median household income for census Block Groups 06019007801 and 06019007802 encompassing the City of Huron is \$34,714.

**Number of Businesses, Anchor Institutions, and Public safety location within the project:** The project would make broadband service available to 12 businesses, 2 city owned facilities, a CalFire Station, a municipal airport and a senior citizen complex.

**Breakdown of Aerial and Underground Facilities:** The project encompasses the installation of approximately: 1 mile of aerial fiber backbone, 3 miles of new coaxial underground cable and .4 miles of new coaxial aerial cable.

**Major Equipment Expense:** Approximately 4.5 miles of new hardwired facilities, 2 fiber nodes, 16 new amplifiers, wireless access points on multiple towers and the related customer premise equipment.

**Construction Timeline:** 24 months.

**Proposed Broadband Project Plan:** Construction of new aerial and underground hybrid fiber/coax to provide service to the underserved areas within the city limits and the installation of wireless access points on the existing towers to provide broadband to those areas outside of the city limits.

**Download Speed Capabilities:** The infrastructure constructed has a 1Gbps download capability.

**Upload Speed Capabilities:** The system's capacity on the upload under the current DOCSIS is 30 Mbps.

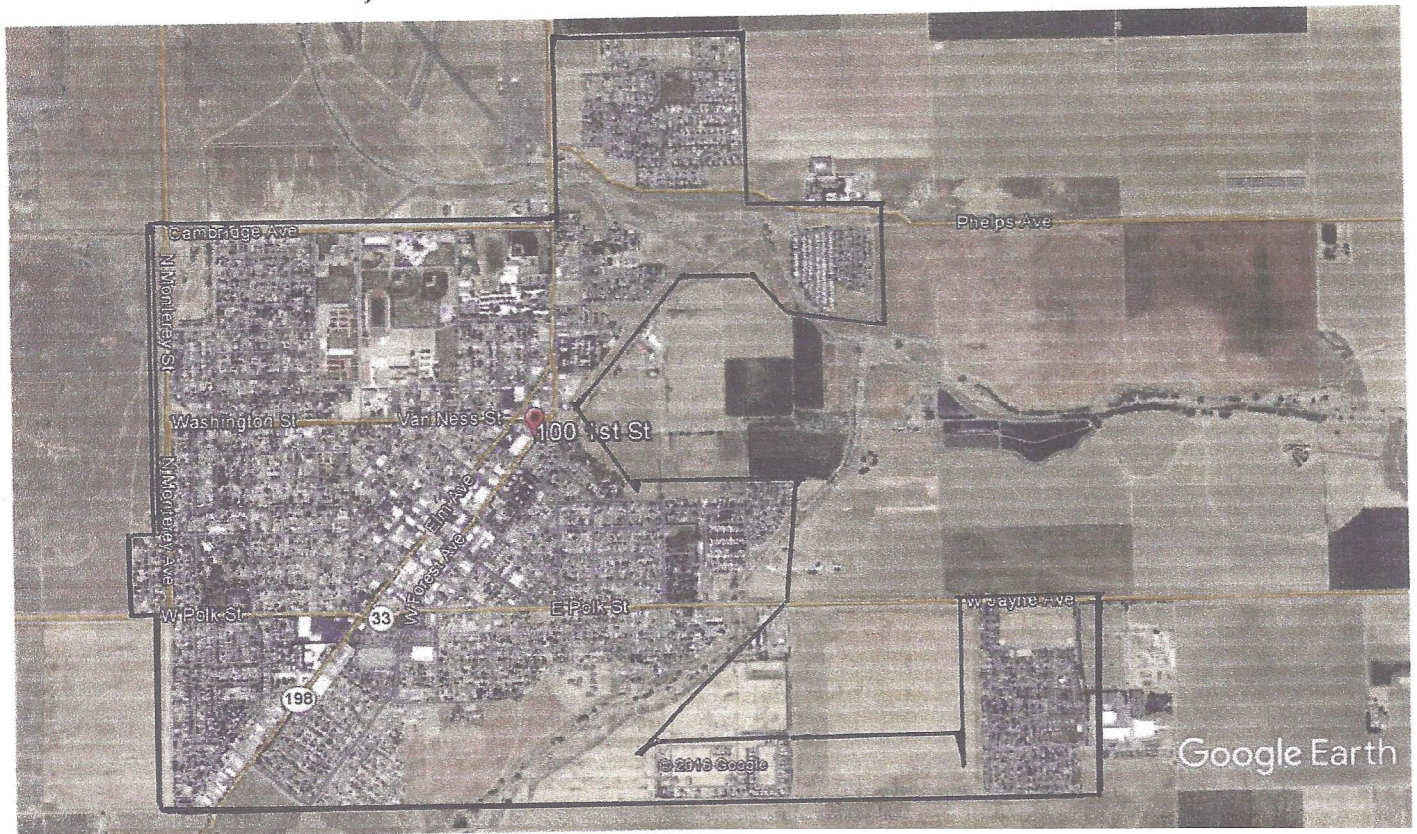
**Other Factors:** The project expands on the existing infrastructure and is not expected to require a CEQA review.

The project is within CalNeva Broadband's service area and does not involve disputing the existing Broadband Map.

The applicant is not seeking ministerial review.

The project will not require access to any existing middle mile facilities.





Google Earth



## COALINGA CA 93210

The dark black lines depict the existing service area of the old Cable TV system that was upgraded from 2017-2019 using partial funding from CASF Resolution T-17563. The red dot is the Coalinga NOC and local office which contains an 80 foot free standing tower which will have wireless equipment installed upon to extend the reach of the existing service footprint beyond the hard wired upgraded cable TV system.

Below are the addresses identified within the city limits that remain underserved.

### UNDERSERVED ADDRESSES WITHIN THE COALINGA CITY LIMITS

<u>Units</u>	<u>Name</u>	<u>Address #</u>	<u>Street</u>	<u>City</u>	<u>Zip Code</u>	<u>Block</u>	<u>Tract</u>
1	California State Distribution, LLC	185	W. Gale Ave.	Coalinga	93210	008000	1000
64	Valle Del Sol Senior Apts	422	E. Polk St.	Coalinga	93210	008100	3015
80	Warthan St Apts (new build)	351	Warthan St.	Coalinga	93210	008100	4003
144	Heritage Senior Community	Multiple	NW Corner Phelps & Gregory Way	Coalinga	93210	007903	1187
2	Commercial Offices	1145	Phelps Ave.	Coalinga	93210	008100	1021
1	Business	28945	Phelps Ave.	Coalinga	93210	007903	1174
1	Guzman Auto & Repair	234	W Forest Ave.	Coalinga	93210	00800	2047
76	Pacific Heights - Apts/MDU's	TBD - New Build	SEC Corner - Pacific & Elm ST's	Coalinga	93210	008100	4011
75	Palmer Apts.	16121	Palmer Ave	Huron	93234	007801	2018





Google Earth



## HURON CA 93234

The dark black lines depict the existing service area of the old Cable TV system that was upgraded from 2017-2019 using partial funding from CASF Resolution T-17563. The red dot is the Huron which contains a 60 foot free standing tower which will have wireless equipment installed upon to extend the reach of the existing service footprint beyond the hard wired upgraded cable TV system.

Below are the addresses identified within the city limits that remain underserved.

### UNDERSERVED WITHIN THE HURON CITY LIMITS

#### UNDERSERVED WITHIN THE HURON CITY LIMITS

<u>Units</u>	<u>Name</u>	<u>Address #</u>	<u>Street</u>	<u>City</u>	<u>Zip Code</u>	<u>Block</u>	<u>Tract</u>
75	Palmer Apts.	16121	Palmer Ave	Huron	93234	007801	2018
1	Crop Production Services	16485	9th St.	Huron	93234	007801	1001
1	Dole Fresh Vegetables	16199	9th St.	Huron	93234	007801	2125
1	City Facility	36610	Central	Huron	93234	007801	1007
1	City Facility	16463	6th Street	Huron	93234	007801	1007
1	Hellholes Sewage treatment plant	16300	Palmer Ave	Huron	93234	007802	2018
20	Palmer Hgts -10 duplexes	Multiple	Lassen Ave North	Huron	93234	007802	2030

**OF THE CITY LIMITS TO BE SERVED WIRELESSLY**

addresses reachable from the Coalinga and Huron Towers

<u>Units</u>	<u>Name</u>	<u>Address #</u>	<u>Street</u>	<u>City</u>	<u>Zip Code</u>	<u>Block</u>	<u>Tract</u>
1	Mid-Valley Disposal	1255	W. Elm Ave	Coalinga	93210	008100	4026
1	Next Green Wave	1920	Mercantile Ln.	Coalinga	93210	could not locate	
1	Granite Construction Company	36500 - 36998	CA-33	Coalinga	93210	00800	1002
1	Garco Testing Labs	38940	CA-33	Coalinga	93210	00800	1002
1	Coalinga Municipal Airport	3 miles east of Coa	CITY AIRPORT	Coalinga	93210	could not locate	
1	Cal Fire Facility	25600	W/ Jayne Ave.	Coalinga	93210	007903	2150