

Section 1 – Companies Involved

Raicom Inc.
607 Chief Street
P.O. Box 645
Benkelman, NE. 69021

Benkelman Telephone Company, Inc
607 Chief Street
P.O. Box 645
Benkelman, NE. 69201

Section 2 – Project Description

Raicom, Inc., (“Raicom”), and its affiliate Benkelman Telephone Company, Inc. (“BW Telcom”) proposes to provide voice and Broadband capability to the proposed rural funded service areas by constructing a LTE fixed wireless Broadband distribution system utilizing licensed 700 MHz wireless spectrum. In a 5 MHz carrier channel, the system as proposed can provide connection speeds up to 30 Mbps downstream and 9 Mbps upstream. In a 10 MHz channel, this system capability doubles to 60 Mbps downstream and 18 Mbps upstream.

Raicom currently owns FCC licenses for the 700 MHz spectrum to be used for Broadband distribution. Raicom intends to utilize existing fiber optic cable connections from BW Telcom to connect to its existing Tier 1 router/internet and voice switching systems located in Benkelman, Nebraska.

Should a tower location be unable to directly access the existing BW Telcom fiber optic network, licensed 6 GHz microwave connections would connect the remote towers to the BW Telcom fiber optic network. Microwave equipment shall be initially configured to provide 100 Mbps throughput capacity. The equipment is software key upgradeable to 450 Mbps of capacity to accommodate any future growth or capacity needs.

Section 3 – Description of the Proposed Funded Service Areas

Raicom proposes to construct 4 separate, fixed wireless projects in Southwest Nebraska. In priority order, the projects are as follows –

Project 1 –

Project 1 provides fixed wireless Broadband service to households and businesses in rural Frontier County, NE - an *Unservd* by fixed wireless service area north of McCook Nebraska. This project would require construction of a tower, provision of LTE sector radios with a microwave link back to an existing network connection at McCook, NE. Additionally, over 50% of this area is also *Unservd* by any wireline Broadband connectivity as well (refer to Project Area 1 and Nebraska BB map).

Project 2 –

Project 2 provides fixed wireless Broadband service to households and businesses in an *Underservd* area in rural southwest corner of Chase County, NE. This project would require addition of LTE sector electronics and subscriber equipment to an existing tower located north of Haigler, NE (refer to Project Area 2 map).

Project 3 –

Project 3 provides fixed wireless Broadband service to households and businesses in an *Underservd* area in rural northwest corner of Chase County, NE. This project would require construction of tower northwest of Wauneta, NE, provision of LTE sector radios and subscriber electronics (refer to Project Area 3 map).

Project 4 –

Project 4 provides fixed wireless Broadband service to households and businesses in an *Underservd* area in rural, southern half of Hitchcock County, NE. This project would require addition of LTE sector electronics and subscriber electronics. (refer to Project Area 4 map).

All projects focus upon providing Broadband data services to remote, sparsely populated rural areas of southwest Nebraska. No incorporated towns are included in this application.

Section 4 – Electronic Maps

Contents redacted.

Section 5 – Estimate of the Number of Potential New Broadband Subscribers

Contents redacted.

Section 6 – Schedule for Broadband Deployment

Contents redacted.

Section 7 – Proposed budget

Contents redacted.

Section 8 – Retail Pricing - Broadband Services

Contents redacted.

Section 9 – Retail Pricing – Voice Services

Contents redacted.

Section 10 – A description of the applicant’s commitment

Contents redacted.

Section 11 – A description of the applicant’s commitment to provide data to the Commission

Contents redacted.

Section 12 – A description of the Applicant’s Financial Qualifications

Contents redacted.

Section 13 – Certificate of Public Convenience

Contents redacted.

Section 14 – Description of Financial Match

Contents redacted.

Section 15 – Attest

All statements above are truthful and accurate to the best of my knowledge.



Randall Raile
Authorized Agent for – Raicom, Inc. and
Benkelman Telephone Company, Inc.



Notary

