

## **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. 69021

## **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 and 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 1, fixed wireless project in Southwest Nebraska.

#### **Project 1 –**

Project 1 provides fixed wireless Broadband service to households and businesses in rural Frontier County, NE – an area *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, this area is also *Unservd* by any wireline Broadband connectivity as well (refer to Project Area 1 and Nebraska BB map). This project does not duplicate census blocks previously funded under NUSF 69, NUSF 77 or the earlier NUSF 92 programs.

This project focuses 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**

BW Telcom has provided telecommunications services within its certificated exchange area since 1944. As a long-time provider of telecommunications services in the region, should Raicom be awarded funding, it will commit to providing voice & data services to the rural proposed funded service area for a minimum of 5 years.

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

Raicom Inc. and BW Telcom have provided in the past, and will continue to provide in the future, data to the Commissions’ *State Broadband Data & Development* program.

**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**

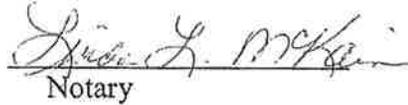
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**Section 15 – Attest**

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

