

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – Crete EXCHANGE FW Extreme East RL07

**Checklist Item No. 1:**

A description of the proposed broadband project including download/upload speed capabilities which can be provided and a description of the proposed network infrastructure to be deployed. Minimum speed standards should be 4 mbps download and 1 mbps upload.

Windstream's Response:

Windstream submits the following project for the Commission's consideration of NUSF-99 broadband funding, to be constructed upon funding approval, using funding available from the 2018 funding allocation.

- Fixed Wireless to serve the extreme Eastern area of the Crete, NE ILEC Exchange (Partial funding requested)

The Central Office for Crete is currently connected with interoffice fiber facilities. Customers within reach of the office are qualified for 4Mbps down / 1Mbps upload broadband or better (up to 100Mbps), depending on the copper loop length from the equipment. This project intends to address those customers in the extreme Eastern area of the exchange that have exceptionally long loop lengths and therefore are not broadband qualified by providing a Fixed Wireless solution.

- The project will place one remote Base Station located approximately 7.3 miles east of the Central Office.
- The Crete remote Base Station will provide the broadband connection to the customers, and have wireless backhaul to the Crete Central Office.

These network upgrades will enable a network capable of minimum speeds of 10Mbps download and 1Mbps upload for all impacted customers and depending upon the distance from the remote Base Station, the majority of customers will have speeds of 25Mbps and up to 100Mbps available.

Windstream projects the total deployment costs for this project is \$145,465, and Windstream is requesting Nebraska Universal Service Funding of \$80,619, the difference between the total project costs and the requested funding is because Windstream is not seeking funding for the areas funded by the FCC's Connect America Fund Phase 2 program or Windstream offers 10Mbps broadband.

Windstream is requesting that the funding for this project be applied against the remaining 2018 funds allotted to Windstream.

**Checklist Item No. 2:**

A list in Excel Format of all the census blocks where broadband facilities would be deployed for the proposed project, which shall include 2010 Census Block identification number of service area, by project.

Windstream's Response:

See Attached Checklist Item #2.

**Checklist Item No. 3:**

An estimate of the number of potential new broadband subscribers for each project.

Windstream's Response:

See Attached Checklist Item #3

**Checklist Item No. 4:**

An estimated schedule for broadband deployment.

Windstream Response:

Upon approval of the application, the deployment schedule will be as indicated in the Attached Checklist Item #4 with the caveat that given the time of year, construction may be delayed due to weather conditions.

**Checklist Item No. 5:**

A proposed budget, showing total project costs, in electronic format, with a detailed breakdown of the cost elements and a depreciation schedule showing the life of the investment.

Windstream Response:

Please see Attached Checklist Item #5 which shows the proposed budget and the depreciation schedule showing the life of investment for the major plant categories associated with this project.

**Checklist Item No. 6:**

Proposed retail pricing, including both monthly recurring costs and nonrecurring costs for the new broadband service(s) to be offered. At a minimum the pricing should reflect the stand alone price for the speeds to be offered to the customer.

Windstream Response:

Attached Checklist Item #6 provides a listing of the retail pricing for the broadband services Windstream will be offering in the proposed service areas. This price list is consistent with Windstream pricing for similar services in other Nebraska exchanges.

**Checklist Item No. 7:**

The company's commitment to offer broadband services to all households within the service area of the project for a minimum of five (5) years.

Windstream Response:

If approved for funding, Windstream commits to offer broadband service to all households within the service area of the project for a minimum of five (5) years.

**Checklist Item No. 8:**

An affidavit from the company attesting 1) (a) that the area of the proposed project is a CAF II eligible area and have not refused CAF II funding, or (b) that the area of the proposed project is ineligible for CAF II funding. 2) That the company has done its due diligence to verify that comparable broadband does not already exist in the area of the proposed project. 3) The truth and accuracy of all information included in the project filing.

Windstream Response:

The Affidavit of Brad Brannon is provided in Attached Checklist Item #8.

CHECK LIST #2 CENSUS BLOCKS - Crete Exchange FW Extreme East RL07

Criteria for Determining NUSF Eligibility for Census Blocks in Priority Order for Projects Using Fixed Wireless Technology:

- 1) If Census Block is CAF 2 - Not Eligible
- 2) If Census Block has Wireline Competitor with at least 10/1 broadband - Not Eligible
- 3) If Census Block Wireline Competitor is a Neighboring ILEC Sharing Service in the Census Block - Eligible
- 4) If Census Block has a Fixed Wireless Competitor with at least 10/1 Broadband but Does Not Provide Voice - Eligible
- 5) If Census Block has a Fixed Wireless Competitor that receives federal USF - Eligible
- 6) If proposal is for a wireline solution, then Fixed Wireless census blocks are counted - Eligible

Census Blocks	CAF 2 and Form 477 Status	Is Wireline Competitor a Neighboring ILEC?	Does Fixed Wireless Competitor Qualify as Competitor? *	NUSF Eligibility	Summary	# Census Blocks	%
311090103001115	CAF	NA	N	CAF2	CAF2	25	30%
311090103001116	CAF	NA	N	CAF2	NE BB Eligible	46	55%
311090103001117	CAF	NA	N	CAF2	Competition - FW	-	0%
311090103001118	CAF	NA	N	CAF2	Competition - Other	-	0%
311090103001120	CAF	NA	N	CAF2	WIN Only	12	14%
311090103001122	CAF	NA	N	CAF2	Total	83	100%
311090103001123	CAF	NA	N	CAF2			
311090103001124	CAF	NA	N	CAF2	Eligible for Funding	46	55%
311090103001125	CAF	NA	N	CAF2			
311090103001127	CAF	NA	N	CAF2			
311090103001128	CAF	NA	N	CAF2			
311090103001142	CAF	NA	N	CAF2			
311090103001143	CAF	NA	N	CAF2			
311090103001144	CAF	NA	N	CAF2			
311090103001145	CAF	NA	N	CAF2			
311090103001154	CAF	NA	N	CAF2			
311090103001155	CAF	NA	N	CAF2			
311090103001159	CAF	NA	N	CAF2			
311090103001160	CAF	NA	N	CAF2			
311090103001161	CAF	NA	N	CAF2			
311090103002067	WIN Only	No Wireline Competitor	N	WIN Only			
311090103002087	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103003001	CAF	NA	N	CAF2			
311090103003002	CAF	NA	N	CAF2			
311090103003015	CAF	NA	N	CAF2			
311090103003017	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103003020	CAF	NA	N	CAF2			
311090103003024	CAF	NA	N	CAF2			
311090103001119	WIN Only	No Wireline Competitor	N	WIN Only			
311090103001121	WIN Only	No Wireline Competitor	N	WIN Only			
311090103001126	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001146	WIN Only	No Wireline Competitor	N	WIN Only			
311090103001147	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001148	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001149	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001150	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001151	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001152	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001153	WIN Only	No Wireline Competitor	N	WIN Only			
311090103001156	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001157	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001164	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001165	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001166	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001167	WIN Only	No Wireline Competitor	N	WIN Only			
311090103001168	WIN Only	No Wireline Competitor	N	WIN Only			
311090103001169	WIN Only	No Wireline Competitor	N	WIN Only			
311090103001170	WIN Only	No Wireline Competitor	N	WIN Only			
311090103001171	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002068	WIN Only	No Wireline Competitor	N	WIN Only			
311090103002073	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002074	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002075	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002076	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002077	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002078	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002079	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002081	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002082	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002083	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002084	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002089	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002090	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103002096	WIN Only	No Wireline Competitor	N	WIN Only			
311090103002105	WIN Only	No Wireline Competitor	N	WIN Only			
311090103002106	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103003018	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103003019	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103003021	Competition - FW	No Wireline Competitor	N	NE BB Eligible			

311090103003022	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103003023	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103003025	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103001158	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103001174	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103002080	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103002085	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103002086	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103002134	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103002135	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103002170	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103003000	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103003003	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311090103003026	Competition - FW	No Wireline Competitor	N	NE BB Eligible

**Footnote:**

\* All of the fixed wireless providers that reflect service in these census blocks per the FCC Form 477 data do not qualify as a competitor for NUSF eligibility purposes. The fixed wireless providers either do not provide voice service, do not provide broadband speeds greater than or equal to 10/1 or receive Federal USF support.

Check List #3 Subscribers - Crete Exchange FW Extreme East RL07

Exchange	# Locations in Deployment Area
Crete	140

Estimated Broadband Take Rate                      50%  
New Broadband Subscribers                              70

50% Take Rate assumption is likely low since broadband is generally not available due to long loop lengths

**Checklist Item #4 Estimated Schedule – Crete Exchange FW Extreme East RL07**

Proposed Schedule:

Engineering design & approval	30 Calendar Days
Site Acquisition, permitting & material acquisition	90 to 120 Calendar Days
Equipment deployment, testing, and turn-up	30 Calendar Days

Notes:

If multiple sites are involved, work activities will be conducted concurrently, so that total time for the project is 150 to 180 days

Schedule is subject to seasonal limitations regarding when construction can commence or be completed.

**Check List #5 Budget & Depreciation - Crete Exchange FW Extreme East RL07**

**Budget**

**Remote Sites**

Item	Labor	Material	Item Total	Quantity	Mat Total	Grand Total	Notes
Site Survey	\$1,000	\$0	\$1,000	1	\$0	\$1,000	
Fiber Buildout	0	0	0	0	\$0	\$0	
Desktop Planning	\$18	\$0	\$18	100	\$0	\$1,800	
Site Engineering	\$3,300	\$0	\$3,300	1	\$0	\$3,300	
Site Acquisition	\$10,183	\$0	\$10,183	1	\$0	\$10,183	
Power Make Ready	\$18,000	\$0	\$18,000	1	\$0	\$18,000	
95' AGL Wood Pole	\$5,746	\$23,800	\$29,546	1	\$23,800	\$29,546	
Base Station	\$6,000	\$6,000	\$12,000	4	\$24,000	\$48,000	5 GHz PtMP radio
PtP Radio	\$7,125	\$8,825	\$15,950	1	\$8,825	\$15,950	Assuming 18 GHz radio - Link Budget Calculation pending
Site Work	\$2,780	\$4,000	\$6,780	1	\$4,000	\$6,780	Placeholder for fiber + electricity work + pole mounted cabinet
Cabinet/PoE Switch	\$0	\$7,500	\$7,500	1	\$7,500	\$7,500	Pole-mounted
<b>Total</b>					<b>\$68,125</b>	<b>\$142,058</b>	

Tax \$68,125 5.00% \$3,406

**Grand Total \$145,465**

**Excluded**

ROW 2 \$0  
 IDC \$68,125 5.00% \$3,406

**Total Project Costs \$145,465**

**% of Eligible Census Blocks from Checklist #2 55%**

**Requested Funding Amount \$80,619**

**Depreciation Lives**

**Life in Years**

Fixed Wireless Assets 45  
 Poles 33

**Check List #6 Pricing - Crete Exchange FW Extreme East RL07**

**Price for Internet Only (HSI Simple or Solo Internet)**

Speed	Standard Price	Current Promo	Net Price
Up to 25Mb	\$45	\$9 off for 12 months	\$36
50Mb	\$45	\$9 off for 12 months	\$36
100Mb	\$45	\$9 off for 12 months	\$36

**Price for Internet + Bundle Phone Adder**

Speed	Standard Price	Current Promo	Net Price
Up to 25Mb	\$65	\$9 off for 12 months	\$56
50Mb	\$65	\$9 off for 12 months	\$56
100Mb	\$65	\$9 off for 12 months	\$56

\$50 Activation Fee and Free Professional Installation

AFFIDAVIT OF BRAD BRANNON

I, Brad Brannon, being first duly sworn upon oath, state as follows:

1. I am currently employed by Windstream as the Vice President Consumer & Small Business - Business Intelligence. In that capacity, I am personally familiar with the company's network structure in Nebraska.
2. I have reviewed the foregoing project filing and certify that (a) the areas of the proposed project are CAF II eligible areas and have not refused CAF II funding, or the areas of the proposed project are ineligible for CAF II funding; (b) Windstream has done its due diligence to verify that comparable broadband does not already exist in the areas of the proposed project that we are requesting funding; and (c) all information included in the project filing is true and accurate to the best of my knowledge and belief.



Brad Brannon

ACKNOWLEDGMENT

STATE OF ARKANSAS )

:SS

COUNTY OF PULASKI

Subscribed, sworn to and acknowledged before me on this 22 day of Nov, 2018<sup>9</sup>  
by Brad Brannon

  
Notary Public