

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – Waverly EXCHANGE

**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 Northwestern area of the Waverly, NE ILEC Exchange (Partial funding requested)

The Central Office for Waverly is currently connected with interoffice fiber facilities. Customers within reach of the office are qualified for 4Mbps down / 1Mbps upload broadband or better, depending on the copper loop length from the equipment. This project intends to address those customers in the Northwestern 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 4 miles northwest of the Central Office and supporting equipment at the Central Office.
- The Waverly remote Base Station will provide the broadband connection to the customers, and have wireless backhaul to the Waverly 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 \$205,652, and Windstream is requesting Nebraska Universal Service Funding of \$54,119, 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 where Windstream offers broadband service of 10Mbps or better. 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 - Waverly Exchange NW RL06

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	%
311090101001059	CAF	NA	N	CAF2	CAF2	38	67%
311090101001060	CAF	NA	N	CAF2	NE BB Eligible	15	26%
311090101001061	CAF	NA	N	CAF2	Competition - FW		0%
311090101001062	CAF	NA	N	CAF2	Competition - Other		0%
311090101001063	CAF	NA	N	CAF2	WIN Only	4	7%
311090101001064	CAF	NA	N	CAF2	Total	57	100%
311090101001065	CAF	NA	N	CAF2			
311090101001066	CAF	NA	N	CAF2	Eligible for Funding	15	26%
311090101001067	CAF	NA	N	CAF2			
311090101001068	CAF	NA	N	CAF2			
311090101001073	CAF	NA	N	CAF2			
311090101001079	CAF	NA	N	CAF2			
311090101001080	WIN Only	No Wireline Competitor	N	WIN Only			
311090101001082	CAF	NA	N	CAF2			
311090101001083	CAF	NA	N	CAF2			
311090101001084	CAF	NA	N	CAF2			
311090101001085	CAF	NA	N	CAF2			
311090101001086	CAF	NA	N	CAF2			
311090101001088	CAF	NA	N	CAF2			
311090101001090	CAF	NA	N	CAF2			
311090101001091	CAF	NA	N	CAF2			
311090101001092	CAF	NA	N	CAF2			
311090101001093	CAF	NA	N	CAF2			
311090101001095	CAF	NA	N	CAF2			
311090101001096	CAF	NA	N	CAF2			
311090101001097	CAF	NA	N	CAF2			
311090101001098	CAF	NA	N	CAF2			
311090101001099	CAF	NA	N	CAF2			
311090101001111	CAF	NA	N	CAF2			
311090101001112	CAF	NA	N	CAF2			
311090101002028	CAF	NA	N	CAF2			
311090101002040	CAF	NA	N	CAF2			
311090101002042	CAF	NA	N	CAF2			
311090101002043	CAF	NA	N	CAF2			
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311090101002065	CAF	NA	N	CAF2			
311090101002066	CAF	NA	N	CAF2			
311090101002067	CAF	NA	N	CAF2			
311090101001081	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101001087	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101001089	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101001094	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101001113	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101002046	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101002047	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101002048	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101002049	WIN Only	No Wireline Competitor	N	WIN Only			
311090101002054	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101002059	WIN Only	No Wireline Competitor	N	WIN Only			
311090101002060	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101002061	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101002062	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101002063	WIN Only	No Wireline Competitor	N	WIN Only			
311090101002143	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101002144	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090101002214	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 - Waverly Exchange NW RL06

Exchange	# Locations in Deployment Area
Waverly	199

Estimated Broadband Take Rate	50%
New Broadband Subscribers	100

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

**Checklist Item #4 Estimated Schedule – Waverly Exchange NW RL06**

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 - Waverly Exchange NW RL06

**Budget**

**Central Office site**

Item	Labor	Material	Item Total	Quantity	Mat Total	Grand Total	Notes
Site Survey	\$1,000	\$0	\$1,000	1	\$0	\$1,000	
Desktop Planning	\$0	\$0	\$0	0	\$0	\$0	
Site Engineering	\$3,300	\$0	\$3,300	1	\$0	\$3,300	
PtP FCC License	\$1,250	\$0	\$1,250	1	\$0	\$1,250	FCC Coordination Point to Point (PtP) License Fee
110 ft wooden pole	\$0	\$23,800	\$23,800	1	\$23,800	\$23,800	To be placed at CO.
Base Station	\$0	\$0	\$0	0	\$0	\$0	
PtP Radio	\$7,125	\$8,825	\$15,950	1	\$8,825	\$15,950	Assuming 18 GHz radio - Link Budget Calculation pending
Site Work	\$2,250	\$2,500	\$4,750	1	\$2,500	\$4,750	Placeholder for fiber + electricity work + pole mounted cabinet
Cabinet/PoE Switch	\$0	\$7,500	\$7,500	1	\$7,500	\$7,500	Switch
<b>Total</b>					<b>\$42,625</b>	<b>\$57,550</b>	

**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	326	\$0	\$5,868	
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	
100' AGL Steel Pole	\$23,645	\$20,500	\$44,145	1	\$20,500	\$44,145	
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	0	\$0	\$0	Assuming 18 GHz radio - Link Budget Calculation pending
Site Work	\$2,750	\$2,500	\$5,250	1	\$2,500	\$5,250	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>\$54,500</b>	<b>\$143,246</b>	

<b>Grand Total</b>					<b>\$97,125</b>	<b>\$200,795</b>	
Tax	\$97,125	5.00%				\$4,856	

<b>Excluded</b>							
ROW			2			\$0	
IDC	\$97,125	5.00%				\$4,856	

<b>Total Project Costs</b>						<b>\$205,652</b>	
<b>% of Eligible Census Blocks from Checklist #2</b>						<b>26.3%</b>	
<b>Requested Funding Amount</b>						<b>\$54,119</b>	

<b>Depreciation Lives</b>						<b>Life in Years</b>	
Fixed Wireless Assets						45	
Poles						33	

**Check List #6 Pricing - Waverly Exchange NW RL06**

**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



Waverly

Check List #8

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

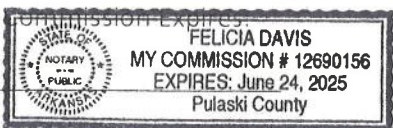
STATE OF ARKANSAS )

: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

My Commission Expires  
  
 FELICIA DAVIS  
 MY COMMISSION # 12690156  
 EXPIRES: June 24, 2025  
 Pulaski County