

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – North Seward EXCHANGE – RL08

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 Northern area of the Seward, NE ILEC Exchange (Partial funding requested)

The Central Office for Seward 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 Northern 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 5 miles north of the Central Office.
- The Seward remote Base Station will provide the broadband connection to the customers, and have fiber backhaul to the Seward 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 \$144,889, and Windstream is requesting Nebraska Universal Service Funding of \$61,221, 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 have a wireline competitor. 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 - NORTH SEWARD - RL08

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	%
311599601002037	CAF	NA	N	CAF2	CAF2	36	51%
311599601002161	CAF	NA	N	CAF2	CAF2	30	42%
311599601002162	CAF	NA	N	CAF2	CAF2	-	0%
311599601002163	CAF	NA	N	CAF2	CAF2	5	7%
311599601002165	CAF	NA	N	CAF2	CAF2	-	0%
311599601002168	CAF	NA	N	CAF2	CAF2	-	0%
311599601002169	CAF	NA	N	CAF2	CAF2	-	0%
311599601002170	CAF	NA	N	CAF2	CAF2	-	0%
311599601002178	CAF	NA	N	CAF2	CAF2	-	0%
311599601002224	CAF	NA	N	CAF2	CAF2	-	0%
311599601002225	CAF	NA	N	CAF2	CAF2	-	0%
311599601002226	CAF	NA	N	CAF2	CAF2	-	0%
311599601002231	CAF	NA	N	CAF2	CAF2	-	0%
311599601002233	CAF	NA	N	CAF2	CAF2	-	0%
311599601002235	CAF	NA	N	CAF2	CAF2	-	0%
311599601002236	CAF	NA	N	CAF2	CAF2	-	0%
311599601002237	CAF	NA	N	CAF2	CAF2	-	0%
311599601002238	CAF	NA	N	CAF2	CAF2	-	0%
311599601002240	CAF	NA	N	CAF2	CAF2	-	0%
311599601002243	CAF	NA	N	CAF2	CAF2	-	0%
311599601002245	CAF	NA	N	CAF2	CAF2	-	0%
311599601002252	CAF	NA	N	CAF2	CAF2	-	0%
311599601002255	CAF	NA	N	CAF2	CAF2	-	0%
311599601002256	CAF	NA	N	CAF2	CAF2	-	0%
311599601002261	CAF	NA	N	CAF2	CAF2	-	0%
311599601002262	CAF	NA	N	CAF2	CAF2	-	0%
311599601002263	CAF	NA	N	CAF2	CAF2	-	0%
311599601002269	CAF	NA	N	CAF2	CAF2	-	0%
311599601002270	CAF	NA	N	CAF2	CAF2	-	0%
311599601002273	CAF	NA	N	CAF2	CAF2	-	0%
311599601002372	CAF	NA	N	CAF2	CAF2	-	0%
311599602002000	CAF	NA	N	CAF2	CAF2	-	0%
311599602002001	CAF	NA	N	CAF2	CAF2	-	0%
311599602002011	CAF	NA	N	CAF2	CAF2	-	0%
311599603002000	CAF	NA	N	CAF2	CAF2	-	0%
311599603002005	CAF	NA	N	CAF2	CAF2	-	0%
311599601002038	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002039	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002160	Competition - Other	Y	N	NE BB Eligible	CAF2	-	0%
311599601002164	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002171	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002229	Competition - Other	Y	N	NE BB Eligible	CAF2	-	0%
311599601002232	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002239	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002241	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002242	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002244	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002246	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002247	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002248	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002253	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002254	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002257	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002258	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002259	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002260	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002268	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002272	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599601002371	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599603002001	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599603002002	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599603002003	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599603002004	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599603002013	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599603002014	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599603002015	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2	-	0%
311599603001008	Competition - Other	N	N	Competition - Other	CAF2	-	0%
311599603001010	Competition - Other	N	N	Competition - Other	CAF2	-	0%
311599603002006	Competition - Other	N	N	Competition - Other	CAF2	-	0%
311599603002011	Competition - Other	N	N	Competition - Other	CAF2	-	0%
311599603002012	Competition - Other	N	N	Competition - Other	CAF2	-	0%

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 - North Seward - RL08

Exchange	# Locations in Deployment Area
Seward	75

Estimated Broadband Take Rate	50%
New Broadband Subscribers	38

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

Checklist Item #4 Estimated Schedule – North Seward – RL08

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 - North Seward - RL08

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	68	\$0	\$1,224	
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
Total					\$68,125	\$141,483	

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

Grand Total \$68,125 \$144,889

Excluded

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

Total Project Costs \$144,889

% of Eligible Census Blocks from Checklist #2 42.3%

Requested Funding Amount \$61,221

Depreciation Lives

Life in Years

Fixed Wireless Assets 45
 Poles 33

Check List #6 Pricing - North Seward - RL08

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, 2018⁹
by Brad Brannon



Notary Public

My Commission Expires

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