

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – Wilber 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 Northern area of the Wilber, NE ILEC Exchange (Partial funding requested)

The Central Office for Wilber 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 equipment at one site, one remote Base Station approximately 2.8 miles north of the Central Office.
- The Wilber remote Base Station will provide the broadband connection to the customers, and have wireless backhaul to the Wilber 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 \$194,271, and Windstream is requesting Nebraska Universal Service Funding of \$116,182, 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, that have a wireline competitor, or where Windstream already 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 - Wilber Exchange N R01

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	%
311519609001036	CAF	NA	N	CAF2	CAF2	10	10%
311519609001048	CAF	NA	N	CAF2	NE BB Eligible	61	60%
311519609001061	Competition - FW	No Wireline Competitor	N	NE BB Eligible	Competition - FW	-	0%
311519609001071	CAF	NA	N	CAF2	Competition - Other	2	2%
311519609001073	CAF	NA	N	CAF2	WIN Only	29	28%
311519609001093	CAF	NA	N	CAF2	Total	102	100%
311519609001095	CAF	NA	N	CAF2			
311519609001100	CAF	NA	N	CAF2	Eligible for Funding	61	60%
311519609001102	CAF	NA	N	CAF2			
311519609001106	CAF	NA	N	CAF2			
311519609001116	CAF	NA	N	CAF2			
310679647002013	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
310679647002014	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
310679647002015	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
310679647002016	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103003095	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103003096	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103003100	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103003101	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103003143	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001038	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001044	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001049	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001050	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001051	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001058	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001059	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001060	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001062	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001063	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001064	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001065	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001066	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001067	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001068	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001072	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001080	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001084	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001085	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001087	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001089	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001090	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001094	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001096	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001111	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001113	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001124	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001125	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001132	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001133	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001134	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001137	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001138	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001144	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001146	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001147	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001149	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001150	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001151	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001163	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001164	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001171	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609002028	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001037	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001039	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001069	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001070	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001081	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001082	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001083	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001086	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001088	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001091	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001092	WIN Only	No Wireline Competitor	N	WIN Only			
311519609001103	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001104	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001105	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001112	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001118	WIN Only	No Wireline Competitor	N	WIN Only			

311519609001119	Competition - Other	N	N	Competition - Other
311519609001120	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001121	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001122	WIN Only	No Wireline Competitor	N	WIN Only
311519609001123	WIN Only	No Wireline Competitor	N	WIN Only
311519609001126	Competition - Other	N	N	Competition - Other
311519609001135	WIN Only	No Wireline Competitor	N	WIN Only
311519609001136	WIN Only	No Wireline Competitor	N	WIN Only
311519609001145	WIN Only	No Wireline Competitor	N	WIN Only
311519609001148	WIN Only	No Wireline Competitor	N	WIN Only
311519609001152	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001153	WIN Only	No Wireline Competitor	N	WIN Only
311519609001154	WIN Only	No Wireline Competitor	N	WIN Only
311519609001155	WIN Only	No Wireline Competitor	N	WIN Only
311519609001156	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001157	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001159	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001160	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001161	WIN Only	No Wireline Competitor	N	WIN Only
311519609001162	WIN Only	No Wireline Competitor	N	WIN Only
311519609001167	WIN Only	No Wireline Competitor	N	WIN Only
311519609001172	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609002029	WIN Only	No Wireline Competitor	N	WIN Only

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 - Wilber Exchange N RL01

Exchange	# Locations in Deployment Area
Wilber	80

Estimated Broadband Take Rate	50%
New Broadband Subscribers	40

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

Checklist Item #4 Estimated Schedule – Wilber Exchange N RL01

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 - Wilber Exchange N RL01

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	\$18	\$0	\$18	0	\$0	\$0	P2P pole only
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	\$4,433	\$5,513	\$9,946	0	\$0	\$0	P2P pole only
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
Total					\$42,625	\$57,550	

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	122	\$0	\$2,196	
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	
120' AGL Steel Pole	\$24,250	\$20,500	\$44,750	1	\$20,500	\$44,750	
Base Station	\$4,433	\$5,513	\$9,946	4	\$22,054	\$39,784	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
Total					\$52,554	\$131,962	

Grand Total					\$95,179	\$189,512	
Tax	\$95,179	5.00%				\$4,759	

Excluded							
ROW			2			\$0	
IDC	\$95,179	5.00%				\$4,759	

Total Project Costs						\$194,271	
% of Eligible Census Blocks from Checklist #2						59.8%	
Requested Funding Amount						\$116,182	

Depreciation Lives		Life in Years
Fixed Wireless Assets		45
Poles		33

Check List #6 Pricing - Wilber Exchange N RL01

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

