

WINSTREAM NEBRASKA, INC.

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

The Central Office for Milford 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 Southwestern 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 4.6 miles southwest of the Central Office.
- The Milford remote Base Station will provide the broadband connection to the customers, and have wireless backhaul to the Milford 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 \$85,150, 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 - Milford Exchange SW RLD4

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	%
311519607001008	CAF	NA	N	CAF2	CAF2	33	40%
311519604001097	CAF	NA	N	CAF2	NE BB Eligible	48	59%
311519604001098	CAF	NA	N	CAF2	Competition - FW	-	0%
311519604001099	CAF	NA	N	CAF2	Competition - Other	-	0%
311519604001100	CAF	NA	N	CAF2	WIN Only	1	1%
311519604001101	CAF	NA	N	CAF2	Total	82	100%
311519604001102	CAF	NA	N	CAF2			
311519604001109	CAF	NA	N	CAF2	Eligible for Funding	48	59%
311519604001110	CAF	NA	N	CAF2			
311519604001111	CAF	NA	N	CAF2			
311519604001114	CAF	NA	N	CAF2			
311519604002171	CAF	NA	N	CAF2			
311519604002172	CAF	NA	N	CAF2			
311519604002180	CAF	NA	N	CAF2			
311519604002181	WIN Only	No Wireline Competitor	N	WIN Only			
311519604002182	CAF	NA	N	CAF2			
311519604002183	CAF	NA	N	CAF2			
311519604002184	CAF	NA	N	CAF2			
311519604002308	CAF	NA	N	CAF2			
311519604002312	CAF	NA	N	CAF2			
311519604002313	CAF	NA	N	CAF2			
311519604002314	CAF	NA	N	CAF2			
311519604002319	CAF	NA	N	CAF2			
311519604002321	CAF	NA	N	CAF2			
311519604002326	CAF	NA	N	CAF2			
311519604002328	CAF	NA	N	CAF2			
311519604002357	CAF	NA	N	CAF2			
311519604002358	CAF	NA	N	CAF2			
311519604002364	CAF	NA	N	CAF2			
311519604002367	CAF	NA	N	CAF2			
311519604002372	CAF	NA	N	CAF2			
311519604003030	CAF	NA	N	CAF2			
311519604003033	CAF	NA	N	CAF2			
311519604003034	CAF	NA	N	CAF2			
311519607001010	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519607001011	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519607001012	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519607001013	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519607001014	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604001112	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604001113	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604001175	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604001176	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604001177	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604001178	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604001180	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002173	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002179	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002185	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002303	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002304	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002306	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002307	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002309	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002310	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002311	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002315	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002316	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002317	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002318	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002320	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002322	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002323	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002324	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002325	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002327	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002329	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002330	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002331	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002356	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002359	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002360	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002361	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002365	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002366	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519604002368	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002370	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604002371	No Competition	No Wireline Competitor	N	NE BB Eligible			
311519604003035	Competition - FW	No Wireline Competitor	N	NE BB Eligible			

311599604003036	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003037	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003038	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 - Milford Exchange SW RL04

Exchange	# Locations in Deployment Area
Milford	105

Estimated Broadband Take Rate	50%
New Broadband Subscribers	53

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

**Checklist Item #4 Estimated Schedule – Milford Exchange SW RL04**

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 - Milford Exchange SW RL04

**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>	

<b>Grand Total</b>					<b>\$68,125</b>	<b>\$142,058</b>
Tax	\$68,125	5.00%				\$3,406

<b>Excluded</b>						
ROW			2			\$0
IDC	\$68,125	5.00%				\$3,406

<b>Total Project Costs</b>						<b>\$145,465</b>
<b>% of Eligible Census Blocks from Checklist #2</b>						<b>58.5%</b>
<b>Requested Funding Amount</b>						<b>\$85,150</b>

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



**Check List #6 Pricing - Milford Exchange SW RL04**

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

Speed	Standard Price	Current Promo	Net Price
Up to 25Mb	\$60	\$5 off for 12 months	\$55
50Mb	\$70	\$5 off for 12 months	\$65
100Mb	\$70	\$5 off for 12 months	\$65

**Price for Internet + Bundle Phone Adder**

Speed	Standard Price	Current Promo	Net Price
Up to 25Mb	\$80	\$5 off for 12 months	\$75
50Mb	\$90	\$5 off for 12 months	\$85
100Mb	\$90	\$5 off for 12 months	\$85

\$50 Activation Fee and Free Professional Installation

Milford

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