

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 Northwestern 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 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 equipment at one site, one remote Base Station approximately 1.9 miles northwest of the Central Office.
- The Milford remote Base Station will provide the broadband connection to the customers, and have fiber 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 \$40,585. The difference between the total project costs and the requested funding is because Windstream is not seeking funding for the areas that are funded by the FCC's Connect America Fund Phase 2 program, have a wireline competitor, 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:

Milford Exchange NW RL01

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 NW RL01

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	%
311599604001022	CAF	NA	N	CAF2	CAF2	37	18%
311599604001025	CAF	NA	N	CAF2	CAF2	59	29%
311599604001026	WIN Only	No Wireline Competitor	N	WIN Only	Competition - FW	-	0%
311599604001038	CAF	NA	N	CAF2	Competition - Other	54	26%
311599604001040	CAF	NA	N	CAF2	WIN Only	56	27%
311599604001041	CAF	NA	N	CAF2	Total	206	100%
311599604001092	CAF	NA	N	CAF2			
311599604001095	CAF	NA	N	CAF2	Eligible for Funding	59	29%
311599604001097	CAF	NA	N	CAF2			
311599604002170	CAF	NA	N	CAF2			
311599604002171	CAF	NA	N	CAF2			
311599604003015	CAF	NA	N	CAF2			
311599604003017	CAF	NA	N	CAF2			
311599604003021	CAF	NA	N	CAF2			
311599604003022	CAF	NA	N	CAF2			
311599604003023	CAF	NA	N	CAF2			
311599604003026	CAF	NA	N	CAF2			
311599604003027	CAF	NA	N	CAF2			
311599604003028	CAF	NA	N	CAF2			
311599604003029	CAF	NA	N	CAF2			
311599604003030	CAF	NA	N	CAF2			
311599604003031	CAF	NA	N	CAF2			
311599604003033	CAF	NA	N	CAF2			
311599604003039	CAF	NA	N	CAF2			
311599604003041	CAF	NA	N	CAF2			
311599604003042	CAF	NA	N	CAF2			
311599604003048	CAF	NA	N	CAF2			
311599604003079	CAF	NA	N	CAF2			
311599604003108	CAF	NA	N	CAF2			
311599604003114	CAF	NA	N	CAF2			
311599604003130	CAF	NA	N	CAF2			
311599604003138	CAF	NA	N	CAF2			
311599604003144	CAF	NA	N	CAF2			
311599604003145	CAF	NA	N	CAF2			
311599604004016	CAF	NA	N	CAF2			
311599604004018	CAF	NA	N	CAF2			
311599604004023	CAF	NA	N	CAF2			
311599604004024	CAF	NA	N	CAF2			
311599604001027	WIN Only	No Wireline Competitor	N	WIN Only			
311599604001042	WIN Only	No Wireline Competitor	N	WIN Only			
311599604001043	WIN Only	No Wireline Competitor	N	WIN Only			
311599604001045	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604001096	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003025	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003032	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003044	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003061	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003062	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003063	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003066	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003067	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003069	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003077	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003084	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003085	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003088	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003094	Competition - Other	N	N	Competition - Other			
311599604003099	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003109	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003110	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003111	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003116	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003127	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003128	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003129	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003131	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003132	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003133	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003134	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003135	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003136	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003137	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003140	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003141	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003142	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003143	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003146	WIN Only	No Wireline Competitor	N	WIN Only			
311599604003147	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604003148	Competition - FW	No Wireline Competitor	N	NE BB Eligible			

311599604004026	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604004028	Competition - Other	N	N	Competition - Other
311599604004029	Competition - Other	N	N	Competition - Other
311599604004030	Competition - Other	N	N	Competition - Other
311599604004031	WIN Only	No Wireline Competitor	N	WIN Only
311599604004032	Competition - Other	N	N	Competition - Other
311599604004033	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604004034	WIN Only	No Wireline Competitor	N	WIN Only
311599604004036	Competition - Other	N	N	Competition - Other
311599604004037	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604004038	Competition - Other	N	N	Competition - Other
311599604004039	Competition - Other	N	N	Competition - Other
311599604004040	Competition - Other	N	N	Competition - Other
311599604004041	Competition - Other	N	N	Competition - Other
311599604004042	WIN Only	No Wireline Competitor	N	WIN Only
311599604004043	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604004044	Competition - Other	N	N	Competition - Other
311599604004045	Competition - Other	N	N	Competition - Other
311599604004046	Competition - Other	N	N	Competition - Other
311599604004047	WIN Only	No Wireline Competitor	N	WIN Only
311599604004049	WIN Only	No Wireline Competitor	N	WIN Only
311599604004050	WIN Only	No Wireline Competitor	N	WIN Only
311599604004051	Competition - Other	N	N	Competition - Other
311599604004052	Competition - Other	N	N	Competition - Other
311599604004053	WIN Only	No Wireline Competitor	N	WIN Only
311599604004054	Competition - Other	N	N	Competition - Other
311599604004055	Competition - Other	N	N	Competition - Other
311599604003016	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003078	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604004009	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604004035	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 NW RL01

Exchange	# Locations in Deployment Area
Milford	341

Estimated Broadband Take Rate	50%
New Broadband Subscribers	171

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 NW 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 - Milford Exchange NW RL01

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	Build out 1800' of fiber.
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
Total					\$68,125	\$142,058	

Grand Total					\$68,125	\$142,058
Tax	\$68,125	5.00%				\$3,406

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

Total Project Costs					\$145,465	\$145,465
% of Eligible Census Blocks from Checklist #2					27.9%	0.279
Requested Funding Amount					\$40,585	\$40,584.61

Depreciation Lives		Life In Years
Fixed Wireless Assets		45
Poles		33

Check List #6 Pricing - Milford Exchange NW RL01

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

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
