

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – South Palmyra EXCHANGE – RL02

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 Southern area of the Palmyra, NE ILEC Exchange (Partial funding requested)

The Central Office for Palmyra 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 surrounding 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 4.5 miles south of the Central Office.
- The Palmyra remote Base Station will provide the broadband connection to the customers and have wireless backhaul to the Palmyra 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 \$142,885, and Windstream is requesting Nebraska Universal Service Funding of \$73,322, 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, have a wireline competitor or Windstream currently offers broadband of at least 10Mbps. Windstream is requesting that the funding for this project be applied against the remaining 2018 funds allotted to Windstream.

Checklist Item No. 2:

South Palmyra - RL02

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 - SOUTH PALMYRA - RL02

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	%
311319668001014	CAF	NA	N	CAF2	CAF2	24	32%
311319668001015	CAF	NA	N	CAF2	NE BB Eligible	39	51%
311319668001017	CAF	NA	N	CAF2	Competition - FW		0%
311319668001018	CAF	NA	N	CAF2	Competition - Other	1	1%
311319668001025	CAF	NA	N	CAF2	WIN Only	12	16%
311319668001026	CAF	NA	N	CAF2	Total	76	100%
311319668001027	CAF	NA	N	CAF2	Eligible for Funding	39	51%
311319668001030	CAF	NA	N	CAF2			
311319668001031	CAF	NA	N	CAF2			
311319668001032	CAF	NA	N	CAF2			
311319668001033	CAF	NA	N	CAF2			
311319668001045	CAF	NA	N	CAF2			
311319668001052	CAF	NA	N	CAF2			
311319668001053	CAF	NA	N	CAF2			
311319668001056	CAF	NA	N	CAF2			
311319668001093	CAF	NA	N	CAF2			
311319668001097	CAF	NA	N	CAF2			
311319668001103	CAF	NA	N	CAF2			
311319668002196	CAF	NA	N	CAF2			
311319668002265	CAF	NA	N	CAF2			
311319668002266	CAF	NA	N	CAF2			
311319668002275	CAF	NA	N	CAF2			
311319668002278	CAF	NA	N	CAF2			
311319668002287	CAF	NA	N	CAF2			
311319668001007	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001009	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001010	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001016	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001021	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001023	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001024	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001035	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001051	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001054	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001055	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001057	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001058	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001059	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001060	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001061	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001062	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001090	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001094	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001095	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001096	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001098	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001099	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001101	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001102	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001104	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001105	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001106	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001107	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001337	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001342	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001343	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001344	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001345	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001349	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001350	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001351	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001352	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001353	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001354	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001355	WIN Only	No Wireline Competitor	N	WIN Only			
311319668001371	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001006	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001008	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001011	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001012	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001013	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668001100	Competition - Other	N	N	Competition - Other			
311319668002267	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668002276	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668002277	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311319668002397	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 - South Palmyra - RL02

Exchange	# Locations in Deployment Area
Palmyra	90

Estimated Broadband Take Rate	50%
New Broadband Subscribers	45

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

Checklist Item #4 Estimated Schedule – South Palmyra – RL02

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 - South Palmyra - RL02

Budget

Remote Sites

Item	Labor	Material	Item Total	Quantity	Mat Total	Grand Total	Notes
Site Survey	\$1,065	\$0	\$1,065	1	\$0	\$1,065	
Fiber Buildout	\$0	\$0	\$0	0	\$0	\$0	
Desktop Planning	\$18	\$0	\$18	91	\$0	\$1,638	
Site Engineering	\$3,600	\$0	\$3,600	1	\$0	\$3,600	
Site Acquisition	\$10,183	\$0	\$10,183	1	\$0	\$10,183	
Power Make Ready	\$7,995	\$0	\$7,995	1	\$0	\$7,995	
110' AGL Wood Pole	\$0	\$27,354	\$27,354	1	\$27,354	\$27,354	
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	1	\$8,825	\$15,950	Assuming 18 GHz radio - Link Budget Calculation pending
Site Work	\$5,000	\$12,600	\$17,600	1	\$12,600	\$17,600	Placeholder for fiber + electricity work + pole mounted cabinet
Cabinet/PoE Switch	\$0	\$13,500	\$13,500	1	\$13,500	\$13,500	Pole-mounted
Total					\$84,333	\$138,668	

Tax \$84,333 5.00% \$4,217

Grand Total \$84,333 \$142,885

Excluded

ROW 2 \$0
 IDC \$84,333 5.00% \$4,217

Total Project Costs \$142,885

% of Eligible Census Blocks from Checklist #2 51.3%

Requested Funding Amount \$73,322

Depreciation Lives

Fixed Wireless Assets 45
 Poles 33

Check List #6 Pricing - South Palmyra - RL02

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

