

WINSTREAM NEBRASKA, INC.

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

The Central Office for Denton 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 one remote Base Station located approximately 2.7 miles southwest of the Central Office.
- The Denton remote Base Station will provide the broadband connection to the customers and have wireless backhaul to the Denton 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 \$185,890, and Windstream is requesting Nebraska Universal Service Funding of \$33,521, 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:

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 - SOUTHWEST DENTON - 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	%
311090103001019	CAF	NA	N	CAF2	CAF2	33	54%
311090103001025	CAF	NA	N	CAF2	NE BB Eligible	11	18%
311090103001026	CAF	NA	N	CAF2	Competition - FW		0%
311090103001028	CAF	NA	N	CAF2	Competition - Other	15	25%
311090103001030	CAF	NA	N	CAF2	WIN Only	2	3%
311090103001031	CAF	NA	N	CAF2	Total	61	100%
311090103001034	CAF	NA	N	CAF2			
311090103001035	CAF	NA	N	CAF2	Eligible for Funding	11	18%
311090103001036	CAF	NA	N	CAF2			
311090103001064	CAF	NA	N	CAF2			
311090103001067	CAF	NA	N	CAF2			
311090103001079	CAF	NA	N	CAF2			
311090103001080	CAF	NA	N	CAF2			
311090103001099	CAF	NA	N	CAF2			
311090103001104	CAF	NA	N	CAF2			
311090103001105	CAF	NA	N	CAF2			
311090103001106	CAF	NA	N	CAF2			
311090103001108	CAF	NA	N	CAF2			
311090103001109	CAF	NA	N	CAF2			
311090103001110	CAF	NA	N	CAF2			
311090103001111	CAF	NA	N	CAF2			
311090103001129	CAF	NA	N	CAF2			
311090103001130	CAF	NA	N	CAF2			
311090103001133	CAF	NA	N	CAF2			
311090103001134	CAF	NA	N	CAF2			
311090103001135	CAF	NA	N	CAF2			
311519660001000	CAF	NA	N	CAF2			
311599604001145	CAF	NA	N	CAF2			
311599604001147	CAF	NA	N	CAF2			
311599604001148	CAF	NA	N	CAF2			
311599604001149	CAF	NA	N	CAF2			
311599604001150	CAF	NA	N	CAF2			
311599604001173	CAF	NA	N	CAF2			
311090103001065	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001077	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001078	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001092	WIN Only	No Wireline Competitor	N	WIN Only			
311090103001093	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001094	WIN Only	No Wireline Competitor	N	WIN Only			
311090103001095	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001107	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001112	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001113	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001114	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311599604001142	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001037	Competition - Other	N	N	Competition - Other			
311090103001038	Competition - Other	N	N	Competition - Other			
311090103001054	Competition - Other	N	N	Competition - Other			
311090103001081	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311090103001082	Competition - Other	N	N	Competition - Other			
311090103001083	Competition - Other	N	N	Competition - Other			
311090103001084	Competition - Other	N	N	Competition - Other			
311090103001085	Competition - Other	N	N	Competition - Other			
311090103001086	Competition - Other	N	N	Competition - Other			
311090103001088	Competition - Other	N	N	Competition - Other			
311090103001089	Competition - Other	N	N	Competition - Other			
311090103001090	Competition - Other	N	N	Competition - Other			
311090103001091	Competition - Other	N	N	Competition - Other			
311090103001096	Competition - Other	N	N	Competition - Other			
311090103001097	Competition - Other	N	N	Competition - Other			
311090103001098	Competition - Other	N	N	Competition - Other			

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 - Southwest Denton - RL02

Exchange	# Locations in Deployment Area
Denton	208

Estimated Broadband Take Rate 50%
New Broadband Subscribers 104

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

Checklist Item #4 Estimated Schedule – Southwest Denton – 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 - Southwest Denton - RL02

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	\$0	\$0	\$0	0	\$0	\$0	
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	\$0	\$0	\$0	0	\$0	\$0	
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	\$0	\$0	0	\$0	\$0	
Total					\$35,125	\$50,050	

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	94	\$0	\$1,692	
Site Engineering	\$3,300	\$0	\$3,300	1	\$0	\$3,300	
Site Acquisition	\$10,181	\$0	\$10,181	1	\$0	\$10,181	
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	\$0	\$0	\$0	0	\$0	\$0	
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	\$131,457	

Tax \$87,679 5.00% \$4,384

Grand Total \$87,679 \$185,890

Excluded

ROW 2 \$0
 IDC \$87,679 5.00% \$4,384

Total Project Costs \$185,890

% of Eligible Census Blocks from Checklist #2 18.0%

Requested Funding Amount \$33,521

Depreciation Lives

Life in Years

Fixed Wireless Assets 45
 Poles 33

Check List #6 Pricing - Southwest Denton - 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

