

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – East Waco EXCHANGE – RL01

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 Eastern area of the Waco, NE ILEC Exchange (Partial funding requested)

The Central Office for Waco 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 Eastern 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 miles east of the Central Office.
- The Waco remote Base Station will provide the broadband connection to the customers and have fiber backhaul to the Waco 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 \$60,728, 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 - EAST WACO - 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	%
311859696001221	CAF	NA	N	CAF2	CAF2	40	39%
311859696001222	CAF	NA	N	CAF2	CAF2	43	42%
311859696001262	CAF	NA	N	CAF2	CAF2	-	0%
311859696001263	CAF	NA	N	CAF2	CAF2	3	3%
311859696001265	CAF	NA	N	CAF2	CAF2	17	17%
311859696001266	CAF	NA	N	CAF2	CAF2		
311859696001269	CAF	NA	N	CAF2	CAF2		
311859696001270	CAF	NA	N	CAF2	CAF2		
311859696001273	CAF	NA	N	CAF2	CAF2		
311859696001274	CAF	NA	N	CAF2	CAF2		
311859696001275	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311859696001276	CAF	NA	N	CAF2	CAF2		
311859696001281	CAF	NA	N	CAF2	CAF2		
311859696001282	CAF	NA	N	CAF2	CAF2		
311859696001283	CAF	NA	N	CAF2	CAF2		
311859696001284	CAF	NA	N	CAF2	CAF2		
311859696001287	CAF	NA	N	CAF2	CAF2		
311859696001288	CAF	NA	N	CAF2	CAF2		
311859696001289	CAF	NA	N	CAF2	CAF2		
311859696001290	CAF	NA	N	CAF2	CAF2		
311859696001291	CAF	NA	N	CAF2	CAF2		
311859696001292	CAF	NA	N	CAF2	CAF2		
311859696001321	No Competition	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001322	CAF	NA	N	CAF2	CAF2		
311859696001327	CAF	NA	N	CAF2	CAF2		
311859696001343	CAF	NA	N	CAF2	CAF2		
311859696001344	CAF	NA	N	CAF2	CAF2		
311859696001345	CAF	NA	N	CAF2	CAF2		
311859696001346	CAF	NA	N	CAF2	CAF2		
311859696001348	CAF	NA	N	CAF2	CAF2		
311859696001350	CAF	NA	N	CAF2	CAF2		
311859696001351	CAF	NA	N	CAF2	CAF2		
311859696001363	CAF	NA	N	CAF2	CAF2		
311859696001365	CAF	NA	N	CAF2	CAF2		
311859696001383	CAF	NA	N	CAF2	CAF2		
311859696001384	CAF	NA	N	CAF2	CAF2		
311859696001386	CAF	NA	N	CAF2	CAF2		
311859696001387	CAF	NA	N	CAF2	CAF2		
311859696001388	CAF	NA	N	CAF2	CAF2		
311859696001390	CAF	NA	N	CAF2	CAF2		
311859696001391	CAF	NA	N	CAF2	CAF2		
311859696001415	CAF	NA	N	CAF2	CAF2		
311859696001220	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001261	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001267	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001268	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001277	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001278	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001279	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001286	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001293	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001298	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311859696001299	No Competition	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001303	No Competition	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001319	No Competition	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001323	No Competition	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001325	No Competition	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001328	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001337	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311859696001338	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311859696001341	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001342	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001362	No Competition	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001364	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001366	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001392	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001420	No Competition	No Wireline Competitor	N	NE BB Eligible	CAF2		
311599601003088	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311599601003124	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311599601003191	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311859696001285	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001294	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001295	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001296	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311859696001297	No Competition	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001300	Competition - Other	N	N	Competition - Other	CAF2		
311859696001301	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311859696001302	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311859696001304	No Competition	No Wireline Competitor	N	NE BB Eligible	CAF2		

311859696001305	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696001306	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696001311	Competition - Other	N	N	Competition - Other
311859696001312	WIN Only	No Wireline Competitor	N	WIN Only
311859696001313	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696001314	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696001324	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696001326	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311859696001329	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311859696001330	WIN Only	No Wireline Competitor	N	WIN Only
311859696001331	WIN Only	No Wireline Competitor	N	WIN Only
311859696001332	WIN Only	No Wireline Competitor	N	WIN Only
311859696001333	WIN Only	No Wireline Competitor	N	WIN Only
311859696001334	WIN Only	No Wireline Competitor	N	WIN Only
311859696001335	Competition - Other	N	N	Competition - Other
311859696001336	WIN Only	No Wireline Competitor	N	WIN Only
311859696001339	WIN Only	No Wireline Competitor	N	WIN Only
311859696001340	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696001347	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311859696001389	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311859696001414	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696001416	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696002193	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696001349	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.

Checklist Item #4 Estimated Schedule – East Waco – 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 #3 Subscribers - East Waco - RL01

Exchange	# Locations in Deployment Area
Waco	91

Estimated Broadband Take Rate	50%
New Broadband Subscribers	46

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

Checklist Item #4 Estimated Schedule – East Waco – 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 - East Waco - 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	
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	

Tax \$68,125 5.00% \$3,406

Grand Total \$68,125 \$145,465

Excluded

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

Total Project Costs \$145,465

% of Eligible Census Blocks from Checklist #2 41.7%

Requested Funding Amount \$60,728

Depreciation Lives

Life in Years

Fixed Wireless Assets 45
 Poles 33

Check List #6 Pricing - East Waco - 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

Waco

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
by Brad Brannon



Notary Public

