

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – Crete EXCHANGE FW South RL09

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 Crete, NE ILEC Exchange (Partial funding requested)

The Central Office for Crete 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 Southern 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 2.1 miles south of the Central Office.
- The Crete remote Base Station will provide the broadband connection to the customers, and have fiber backhaul to the Crete 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 \$126,494 and Windstream is requesting Nebraska Universal Service Funding of \$28,862 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 offers 10Mbps broadband. 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 - Crete Exchange FW South FL09

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	%
311090103003007	CAF	NA	N	CAF2	CAF2	32	9%
311519606001127	CAF	NA	N	CAF2	CAF2	81	23%
311519606001153	CAF	NA	N	CAF2	CAF2	-	0%
311519606001167	CAF	NA	N	CAF2	CAF2	234	66%
311519606001168	CAF	NA	N	CAF2	CAF2	8	2%
311519606001169	CAF	NA	N	CAF2	CAF2	355	100%
311519606001173	CAF	NA	N	CAF2	CAF2		
311519606003022	CAF	NA	N	CAF2	CAF2		
311519606003039	CAF	NA	N	CAF2	CAF2		
311519606003043	CAF	NA	N	CAF2	CAF2		
311519606003070	CAF	NA	N	CAF2	CAF2		
311519606004000	CAF	NA	N	CAF2	CAF2		
311519606004077	CAF	NA	N	CAF2	CAF2		
311519606004080	CAF	NA	N	CAF2	CAF2		
311519606004090	CAF	NA	N	CAF2	CAF2		
311519606004092	CAF	NA	N	CAF2	CAF2		
311519606004093	CAF	NA	N	CAF2	CAF2		
311519609001001	CAF	NA	N	CAF2	CAF2		
311519609001002	CAF	NA	N	CAF2	CAF2		
311519609001003	CAF	NA	N	CAF2	CAF2		
311519609001005	CAF	NA	N	CAF2	CAF2		
311519609001007	CAF	NA	N	CAF2	CAF2		
311519609001014	CAF	NA	N	CAF2	CAF2		
311519609001015	CAF	NA	N	CAF2	CAF2		
311519609001022	CAF	NA	N	CAF2	CAF2		
311519609001024	CAF	NA	N	CAF2	CAF2		
311519609001027	CAF	NA	N	CAF2	CAF2		
311519609001047	CAF	NA	N	CAF2	CAF2		
311519609001048	CAF	NA	N	CAF2	CAF2		
311519609001054	CAF	NA	N	CAF2	CAF2		
311519609001056	CAF	NA	N	CAF2	CAF2		
311519609001078	CAF	NA	N	CAF2	CAF2		
311090103003008	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001023	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001025	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001082	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001086	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001109	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001111	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001112	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001113	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001114	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001115	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001116	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001117	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001118	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001119	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001120	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001121	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001122	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001123	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001124	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311519606001126	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001174	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001175	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001184	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311519606001185	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001200	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001207	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606001208	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606002112	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606003008	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606003018	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606003019	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606003020	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606003021	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606003023	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311519606003025	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311519606003026	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311519606003029	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606003032	WIN Only	No Wireline Competitor	N	WIN Only	CAF2		
311519606003040	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606003041	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606003042	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606003069	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606003071	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606004074	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606004075	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519606004078	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519609001004	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519609001016	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519609001017	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		
311519609001018	Competition - FW	No Wireline Competitor	N	NE BB Eligible	CAF2		

311519606003063	Competition - Other	N	N	Competition - Other
311519606003064	Competition - Other	N	N	Competition - Other
311519606003065	Competition - Other	N	N	Competition - Other
311519606003066	Competition - Other	N	N	Competition - Other
311519606003067	WIN Only	No Wireline Competitor	N	WIN Only
311519606003068	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519606003072	Competition - Other	N	N	Competition - Other
311519606003073	Competition - Other	N	N	Competition - Other
311519606004012	Competition - Other	N	N	Competition - Other
311519606004013	Competition - Other	N	N	Competition - Other
311519606004014	Competition - Other	N	N	Competition - Other
311519606004015	Competition - Other	N	N	Competition - Other
311519606004016	Competition - Other	N	N	Competition - Other
311519606004017	Competition - Other	N	N	Competition - Other
311519606004018	Competition - Other	N	N	Competition - Other
311519606004019	Competition - Other	N	N	Competition - Other
311519606004020	Competition - Other	N	N	Competition - Other
311519606004021	Competition - Other	N	N	Competition - Other
311519606004022	Competition - Other	N	N	Competition - Other
311519606004023	Competition - Other	N	N	Competition - Other
311519606004024	Competition - Other	N	N	Competition - Other
311519606004025	Competition - Other	N	N	Competition - Other
311519606004026	Competition - Other	N	N	Competition - Other
311519606004027	Competition - Other	N	N	Competition - Other
311519606004028	Competition - Other	N	N	Competition - Other
311519606004029	Competition - Other	N	N	Competition - Other
311519606004030	Competition - Other	N	N	Competition - Other
311519606004031	Competition - Other	N	N	Competition - Other
311519606004032	Competition - Other	N	N	Competition - Other
311519606004033	Competition - Other	N	N	Competition - Other
311519606004034	Competition - Other	N	N	Competition - Other
311519606004035	Competition - Other	N	N	Competition - Other
311519606004042	Competition - Other	N	N	Competition - Other
311519606004043	Competition - Other	N	N	Competition - Other
311519606004044	Competition - Other	N	N	Competition - Other
311519606004045	Competition - Other	N	N	Competition - Other
311519606004046	Competition - Other	N	N	Competition - Other
311519606004047	Competition - Other	N	N	Competition - Other
311519606004048	Competition - Other	N	N	Competition - Other
311519606004049	Competition - Other	N	N	Competition - Other
311519606004050	Competition - Other	N	N	Competition - Other
311519606004051	Competition - Other	N	N	Competition - Other
311519606004052	Competition - Other	N	N	Competition - Other
311519606004053	Competition - Other	N	N	Competition - Other
311519606004054	Competition - Other	N	N	Competition - Other
311519606004055	Competition - Other	N	N	Competition - Other
311519606004056	Competition - Other	N	N	Competition - Other
311519606004057	Competition - Other	N	N	Competition - Other
311519606004058	Competition - Other	N	N	Competition - Other
311519606004059	Competition - Other	N	N	Competition - Other
311519606004060	Competition - Other	N	N	Competition - Other
311519606004061	Competition - Other	N	N	Competition - Other
311519606004062	Competition - Other	N	N	Competition - Other
311519606004063	Competition - Other	N	N	Competition - Other
311519606004064	Competition - Other	N	N	Competition - Other
311519606004065	Competition - Other	N	N	Competition - Other
311519606004066	Competition - Other	N	N	Competition - Other
311519606004067	Competition - Other	N	N	Competition - Other
311519606004068	Competition - Other	N	N	Competition - Other
311519606004069	Competition - Other	N	N	Competition - Other
311519606004070	Competition - Other	N	N	Competition - Other
311519606004071	Competition - Other	N	N	Competition - Other
311519606004072	Competition - Other	N	N	Competition - Other
311519606004073	Competition - Other	N	N	Competition - Other
311519606004076	Competition - Other	N	N	Competition - Other
311519606004079	Competition - Other	N	N	Competition - Other
311519606004081	Competition - Other	N	N	Competition - Other
311519606004088	Competition - Other	N	N	Competition - Other
311519606004091	Competition - Other	N	N	Competition - Other
311519609001000	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001006	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001008	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001009	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001010	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001011	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001012	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001013	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001029	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001040	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519609001041	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 - Crete Exchange FW South RL09

Exchange	# Locations in Deployment Area
Crete	937

Estimated Broadband Take Rate 50%
New Broadband Subscribers 469

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

Checklist Item #4 Estimated Schedule – Crete Exchange FW South RL09

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 - Crete Exchange FW South RL09

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	0	\$0	\$0	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					\$75,508	\$122,718	

Tax \$75,508 5.00% \$3,775

Grand Total \$126,494

Excluded

ROW 2 \$0
 IDC \$75,508 5.00% \$3,775

Total Project Costs \$126,494

% of Eligible Census Blocks from Checklist #2 22.8%

Requested Funding Amount \$28,862

Depreciation Lives

Life in Years

Fixed Wireless Assets 45
 Poles 33

Check List #6 Pricing - Crete Exchange FW South RL09

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