

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – Crete EXCHANGE FW East RL06

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 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 (up to 100Mbps), 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 2.8 miles east 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 \$39,529, 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 or have a wireline competitor. 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 East RL06

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	%
311090103001128	CAF	NA	N	CAF2	CAF2	27	28%
311090103001130	CAF	NA	N	CAF2	NE BB Eligible	30	31%
311090103001136	CAF	NA	N	CAF2	Competition - FW	-	0%
311090103001137	CAF	NA	N	CAF2	Competition - Other	39	41%
311090103001138	CAF	NA	N	CAF2	WIN Only	-	0%
311090103001139	CAF	NA	N	CAF2	Total	96	100%
311090103001140	CAF	NA	N	CAF2			
311090103001141	CAF	NA	N	CAF2	Eligible for Funding	30	31%
311090103001142	CAF	NA	N	CAF2			
311090103001143	CAF	NA	N	CAF2			
311090103001161	CAF	NA	N	CAF2			
311090103001162	CAF	NA	N	CAF2			
311090103001163	CAF	NA	N	CAF2			
311090103003006	CAF	NA	N	CAF2			
311090103003007	CAF	NA	N	CAF2			
311519606001040	CAF	NA	N	CAF2			
311519606001045	CAF	NA	N	CAF2			
311519606001048	CAF	NA	N	CAF2			
311519606001186	CAF	NA	N	CAF2			
311519606002000	CAF	NA	N	CAF2			
311519606002001	CAF	NA	N	CAF2			
311519606002016	CAF	NA	N	CAF2			
311519606004000	CAF	NA	N	CAF2			
311519606004007	CAF	NA	N	CAF2			
311519606004080	CAF	NA	N	CAF2			
311519606004093	CAF	NA	N	CAF2			
311519609001001	CAF	NA	N	CAF2			
311519606001041	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606001046	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606001049	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606001050	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606001051	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606001052	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606001058	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606001189	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606001190	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606001191	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606002002	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606002013	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606002017	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004001	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004002	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004003	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004005	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004006	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004082	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004083	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004084	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004085	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004086	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004087	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004089	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606004094	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606001187	Competition - Other	N	N	Competition - Other			
311519606001188	Competition - Other	N	N	Competition - Other			
311519606001193	Competition - Other	N	N	Competition - Other			
311519606001194	Competition - Other	N	N	Competition - Other			
311519606001195	Competition - Other	N	N	Competition - Other			
311519606002003	Competition - Other	N	N	Competition - Other			
311519606002004	Competition - Other	N	N	Competition - Other			
311519606002006	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519606002010	Competition - Other	N	N	Competition - Other			
311519606002011	Competition - Other	N	N	Competition - Other			
311519606002012	Competition - Other	N	N	Competition - Other			
311519606002014	Competition - Other	N	N	Competition - Other			
311519606002015	Competition - Other	N	N	Competition - Other			
311519606002018	Competition - Other	N	N	Competition - Other			
311519606002019	Competition - Other	N	N	Competition - Other			
311519606002020	Competition - FW	No Wireline Competitor	N	NE BB Eligible			

311519606002021	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311519606002022	Competition - Other	N	N	Competition - Other
311519606002025	Competition - Other	N	N	Competition - Other
311519606002026	Competition - Other	N	N	Competition - Other
311519606002032	Competition - Other	N	N	Competition - Other
311519606002033	Competition - Other	N	N	Competition - Other
311519606002034	Competition - Other	N	N	Competition - Other
311519606002113	Competition - Other	N	N	Competition - Other
311519606004004	Competition - Other	N	N	Competition - Other
311519606004008	Competition - Other	N	N	Competition - Other
311519606004009	Competition - Other	N	N	Competition - Other
311519606004010	Competition - Other	N	N	Competition - Other
311519606004011	Competition - Other	N	N	Competition - Other
311519606004012	Competition - Other	N	N	Competition - Other
311519606004013	Competition - Other	N	N	Competition - Other
311519606004032	Competition - Other	N	N	Competition - Other
311519606004036	Competition - Other	N	N	Competition - Other
311519606004037	Competition - Other	N	N	Competition - Other
311519606004038	Competition - Other	N	N	Competition - Other
311519606004039	Competition - Other	N	N	Competition - Other
311519606004040	Competition - Other	N	N	Competition - Other
311519606004041	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
311519606004088	Competition - Other	N	N	Competition - Other
311519609001000	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 East RL06

Exchange	# Locations in Deployment Area
Crete	342

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 – Crete Exchange FW East RL06

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 East RL06

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 31%
Requested Funding Amount \$39,529

Depreciation Lives Life in Years
 Fixed Wireless Assets 45
 Poles 33

Check List #6 Pricing - Crete Exchange FW East RL06

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

