

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION -- York EXCHANGE

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 2017 funding allocation.

- Fixed Wireless to serve the Southern area of the York, NE ILEC Exchange (Partial funding requested)

The Central Office for York 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 equipment at one site, one remote Base Station approximately 2.6 miles south of the Central Office.
- The York remote Base Station will provide the broadband connection to the customers, and have fiber backhaul to the York 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 \$17,713, 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, that have a wireline competitor, or where Windstream already offers broadband service of 10Mbps or better. Windstream is requesting that the funding for this project be applied against the remaining 2017 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 - York Exchange 5 RLD3

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	%
311859696002377	CAF	NA	N	CAF2	CAF2	40	6%
311859696002378	CAF	NA	N	CAF2	CAF2	92	14%
311859696002423	CAF	NA	N	CAF2	CAF2	-	0%
311859697001017	CAF	NA	N	CAF2	Competition - FW	517	79%
311859697001019	CAF	NA	N	CAF2	WIN Only	8	1%
311859697001027	CAF	NA	N	CAF2	Total	657	100%
311859697002031	CAF	NA	N	CAF2	Eligible for Funding	92	14%
311859697002079	CAF	NA	N	CAF2			
311859697002086	CAF	NA	N	CAF2			
311859697002125	CAF	NA	N	CAF2			
311859698002005	CAF	NA	N	CAF2			
311859698002012	CAF	NA	N	CAF2			
311859698002079	CAF	NA	N	CAF2			
311859698002088	CAF	NA	N	CAF2			
311859698002089	CAF	NA	N	CAF2			
311859698002093	CAF	NA	N	CAF2			
311859698002094	CAF	NA	N	CAF2			
311859698002101	CAF	NA	N	CAF2			
311859698002103	CAF	NA	N	CAF2			
311859698002104	CAF	NA	N	CAF2			
311859698002115	CAF	NA	N	CAF2			
311859698002119	CAF	NA	N	CAF2			
311859698003000	CAF	NA	N	CAF2			
311859698003001	CAF	NA	N	CAF2			
311859698003002	CAF	NA	N	CAF2			
311859698003054	CAF	NA	N	CAF2			
311859698003059	CAF	NA	N	CAF2			
311859698003064	CAF	NA	N	CAF2			
311859698003074	CAF	NA	N	CAF2			
311859698003093	CAF	NA	N	CAF2			
311859698003110	CAF	NA	N	CAF2			
311859698003112	CAF	NA	N	CAF2			
311859698003113	CAF	NA	N	CAF2			
311859698003114	CAF	NA	N	CAF2			
311859698003138	CAF	NA	N	CAF2			
311859699001009	CAF	NA	N	CAF2			
311859699001051	WIN Only	No Wireline Competitor	N	WIN Only			
311859699001052	CAF	NA	N	CAF2			
311859699001071	CAF	NA	N	CAF2			
311859699001107	CAF	NA	N	CAF2			
311859699001112	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311859699001115	CAF	NA	N	CAF2			
311859697001018	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859697002047	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859697002057	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311859697002058	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859697002059	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859697002060	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859697002078	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859697002082	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859697002087	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859697002093	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311859697002094	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859697002119	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859697002121	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859697002122	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698002006	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698002007	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698002008	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698002009	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698002010	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698002011	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698002013	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698002018	WIN Only	No Wireline Competitor	N	WIN Only			
311859698002050	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698002078	Competition - Other	N	N	Competition - Other			
311859698002100	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311859698002102	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698002121	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311859698002133	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698003052	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698003056	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698003063	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698003065	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698003071	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698003072	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698003073	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698003094	No Competition	No Wireline Competitor	N	NE BB Eligible			
311859698003095	No Competition	No Wireline Competitor	N	NE BB Eligible			

Check List #3 Subscribers - York Exchange S RL03

Exchange	# Locations in Deployment Area
York	1609

Estimated Broadband Take Rate	50%
New Broadband Subscribers	805

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

Checklist Item #4 Estimated Schedule – York Exchange S RL03

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 - York Exchange S RL03

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	

Grand Total					\$75,508	\$122,718
Tax	\$75,508	5.00%				\$3,775

Excluded

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

Total Project Costs					\$126,494	\$126,494
% of Eligible Census Blocks from Checklist #2					14.0%	0.140030441
Requested Funding Amount					\$17,713	\$17,712.95

Depreciation Lives

	Life in Years
Fixed Wireless Assets	45
Poles	33

Check List #6 Pricing - York Exchange S RL03

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

