

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – Palmyra EXCHANGE - CO

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 area surrounding Palmyra, NE ILEC Exchange (Partial funding requested)

The Central Office for Palmyra 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 surrounding 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 at the Central Office.
- The Palmyra remote Base Station will provide the broadband connection to the customers, and have fiber backhaul to the Palmyra 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 \$173,486, and Windstream is requesting Nebraska Universal Service Funding of \$59,909, 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:

Palmyra - CO

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 - Palmyra - CO

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	%
311319668002095	CAF	NA	N	CAF2	CAF2	36	26%
311319668002097	CAF	NA	N	CAF2	CAF2	48	35%
311319668002099	CAF	NA	N	CAF2	CAF2	-	0%
311319668002100	CAF	NA	N	CAF2	CAF2	21	15%
311319668002101	CAF	NA	N	CAF2	CAF2	34	24%
311319668002105	CAF	NA	N	CAF2	CAF2	139	100%
311319668002106	CAF	NA	N	CAF2	CAF2		
311319668002111	CAF	NA	N	CAF2	CAF2		
311319668002112	CAF	NA	N	CAF2	CAF2		
311319668002114	CAF	NA	N	CAF2	CAF2		
311319668002121	CAF	NA	N	CAF2	CAF2		
311319668002123	CAF	NA	N	CAF2	CAF2		
311319668002124	CAF	NA	N	CAF2	CAF2		
311319668002133	CAF	NA	N	CAF2	CAF2		
311319668002134	CAF	NA	N	CAF2	CAF2		
311319668002135	CAF	NA	N	CAF2	CAF2		
311319668002136	CAF	NA	N	CAF2	CAF2		
311319668002139	CAF	NA	N	CAF2	CAF2		
311319668002172	CAF	NA	N	CAF2	CAF2		
311319668002175	CAF	NA	N	CAF2	CAF2		
311319668002195	CAF	NA	N	CAF2	CAF2		
311319668002196	CAF	NA	N	CAF2	CAF2		
311319668002199	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002201	CAF	NA	N	CAF2	CAF2		
311319668002233	CAF	NA	N	CAF2	CAF2		
311319668002243	CAF	NA	N	CAF2	CAF2		
311319668002262	CAF	NA	N	CAF2	CAF2		
311319668002263	CAF	NA	N	CAF2	CAF2		
311319668002264	CAF	NA	N	CAF2	CAF2		
311319668002265	CAF	NA	N	CAF2	CAF2		
311319668002266	CAF	NA	N	CAF2	CAF2		
311319668002269	CAF	NA	N	CAF2	CAF2		
311319668002272	CAF	NA	N	CAF2	CAF2		
311319668002275	CAF	NA	N	CAF2	CAF2		
311319668002278	CAF	NA	N	CAF2	CAF2		
311319668002279	CAF	NA	N	CAF2	CAF2		
311319668002287	CAF	NA	N	CAF2	CAF2		
311319668002107	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002108	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002109	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002110	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002113	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002117	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002118	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002119	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002125	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002126	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002127	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002128	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002129	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002130	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002131	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002132	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002140	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002141	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002142	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002171	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002173	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002176	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002197	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002198	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002206	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002208	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002210	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002215	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002216	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002217	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002218	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002220	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002221	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002222	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002223	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002229	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002236	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002238	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002256	Competition - Other	N	N	Competition - Other	Competition - Other		
311319668002257	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311319668002268	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311319668002280	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		

311319668002281	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002285	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002286	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002288	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002387	WIN Only	No Wireline Competitor	N	WIN Only
311319668002389	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002390	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002395	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002400	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002115	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002116	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002137	WIN Only	No Wireline Competitor	N	WIN Only
311319668002138	WIN Only	No Wireline Competitor	N	WIN Only
311319668002200	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002202	WIN Only	No Wireline Competitor	N	WIN Only
311319668002203	WIN Only	No Wireline Competitor	N	WIN Only
311319668002204	WIN Only	No Wireline Competitor	N	WIN Only
311319668002205	Competition - Other	N	N	Competition - Other
311319668002207	Competition - Other	N	N	Competition - Other
311319668002209	Competition - Other	N	N	Competition - Other
311319668002211	Competition - Other	N	N	Competition - Other
311319668002212	Competition - Other	N	N	Competition - Other
311319668002213	Competition - Other	N	N	Competition - Other
311319668002214	WIN Only	No Wireline Competitor	N	WIN Only
311319668002219	Competition - Other	N	N	Competition - Other
311319668002224	WIN Only	No Wireline Competitor	N	WIN Only
311319668002225	WIN Only	No Wireline Competitor	N	WIN Only
311319668002226	Competition - Other	N	N	Competition - Other
311319668002227	Competition - Other	N	N	Competition - Other
311319668002228	Competition - Other	N	N	Competition - Other
311319668002230	Competition - Other	N	N	Competition - Other
311319668002231	WIN Only	No Wireline Competitor	N	WIN Only
311319668002232	Competition - Other	N	N	Competition - Other
311319668002234	WIN Only	No Wireline Competitor	N	WIN Only
311319668002235	Competition - Other	N	N	Competition - Other
311319668002237	Competition - Other	N	N	Competition - Other
311319668002239	WIN Only	No Wireline Competitor	N	WIN Only
311319668002240	Competition - Other	N	N	Competition - Other
311319668002241	WIN Only	No Wireline Competitor	N	WIN Only
311319668002242	WIN Only	No Wireline Competitor	N	WIN Only
311319668002244	Competition - Other	N	N	Competition - Other
311319668002245	WIN Only	No Wireline Competitor	N	WIN Only
311319668002246	WIN Only	No Wireline Competitor	N	WIN Only
311319668002247	WIN Only	No Wireline Competitor	N	WIN Only
311319668002248	Competition - Other	N	N	Competition - Other
311319668002249	WIN Only	No Wireline Competitor	N	WIN Only
311319668002250	WIN Only	No Wireline Competitor	N	WIN Only
311319668002251	Competition - Other	N	N	Competition - Other
311319668002252	Competition - Other	N	N	Competition - Other
311319668002253	WIN Only	No Wireline Competitor	N	WIN Only
311319668002254	WIN Only	No Wireline Competitor	N	WIN Only
311319668002255	Competition - Other	N	N	Competition - Other
311319668002258	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002259	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002260	WIN Only	No Wireline Competitor	N	WIN Only
311319668002261	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002270	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002271	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002388	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311319668002394	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 - Palmyra - CO

Exchange	# Locations in Deployment Area
Palmyra	81

Estimated Broadband Take Rate 50%
New Broadband Subscribers 41

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

Checklist Item #4 Estimated Schedule – Palmyra – CO

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 - Palmyra - CO

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	83	\$0	\$1,494	
Site Engineering	\$3,635	\$0	\$3,635	1	\$0	\$3,635	
Site Acquisition	\$10,183	\$0	\$10,183	1	\$0	\$10,183	
Power Make Ready	\$7,995	\$0	\$7,995	1	\$0	\$7,995	
120' AGL Steel Pole	\$0	\$54,431	\$54,431	1	\$54,431	\$54,431	
Base Station	\$4,433	\$5,513	\$9,946	5	\$27,567	\$49,730	5 GHz PtMP radio
PtP Radio	\$0	\$0	\$0	0	\$0	\$0	
Site Work	\$10,000	\$15,885	\$25,885	1	\$15,885	\$25,885	Placeholder for fiber + electricity work + pole mounted cabinet
Cabinet/PoE Switch	\$0	\$13,500	\$13,500	1	\$13,500	\$13,500	Pole-mounted
Total					\$111,383	\$167,917	

Tax \$111,383 5.00% \$5,569

Grand Total \$111,383 \$173,486

Excluded

ROW 2 \$0
 IDC \$111,383 5.00% \$5,569

Total Project Costs \$173,486

% of Eligible Census Blocks from Checklist #2 34.5%

Requested Funding Amount \$59,909

Depreciation Lives

Life In Years

Fixed Wireless Assets 45
 Poles 33

Check List #6 Pricing - Palmyra - CO

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

My Commission Expires

FELICIA DAVIS
MY COMMISSION # 12690156
EXPIRES: June 24, 2025
Pulaski County