

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – Dorchester 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 2018 funding allocation.

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

The Central Office for Dorchester 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 Southeastern 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 5.8 miles southeast of the Central Office.
- The Dorchester remote Base Station will provide the broadband connection to the customers, and have wireless backhaul to the Dorchester 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 \$223,926, and Windstream is requesting Nebraska Universal Service Funding of \$152,155, 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. 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 - Dorchester Exchange SE RLOS

- 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	%
311519607001228	CAF	NA	N	CAF2	CAF2	25	32%
311519608001004	CAF	NA	N	CAF2	NE BB Eligible	53	68%
311519608001009	CAF	NA	N	CAF2	Competition - FW	-	0%
311519608001010	CAF	NA	N	CAF2	Competition - Other	-	0%
311519608001012	CAF	NA	N	CAF2	WIN Only	-	0%
311519608001014	CAF	NA	N	CAF2	Total	78	100%
311519608001015	CAF	NA	N	CAF2	Eligible for Funding	53	68%
311519608001121	CAF	NA	N	CAF2			
311519608001125	CAF	NA	N	CAF2			
311519608001126	CAF	NA	N	CAF2			
311519608001127	CAF	NA	N	CAF2			
311519608001128	CAF	NA	N	CAF2			
311519608001133	CAF	NA	N	CAF2			
311519608001134	CAF	NA	N	CAF2			
311519608001138	CAF	NA	N	CAF2			
311519608001144	CAF	NA	N	CAF2			
311519608001145	CAF	NA	N	CAF2			
311519608001148	CAF	NA	N	CAF2			
311519608001152	CAF	NA	N	CAF2			
311519608001153	CAF	NA	N	CAF2			
311519608001154	CAF	NA	N	CAF2			
311519608001166	CAF	NA	N	CAF2			
311519608001307	CAF	NA	N	CAF2			
311519609001075	CAF	NA	N	CAF2			
311519609001077	CAF	NA	N	CAF2			
311519607001238	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001003	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001005	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001006	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001011	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001013	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001030	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001119	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001120	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001122	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001123	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001124	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001129	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001130	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001131	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001135	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001136	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001137	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001139	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001140	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001141	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001142	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001143	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001146	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001147	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001149	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001150	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001151	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001155	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001156	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001157	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001158	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001159	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001160	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001162	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001163	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001164	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001165	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001167	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001168	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001169	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001170	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001280	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001291	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001292	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001306	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001432	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001433	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519608001435	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001032	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001033	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001076	Competition - FW	No Wireline Competitor	N	NE BB Eligible			
311519609001079	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 - Dorchester Exchange SE RL05

Exchange	# Locations in Deployment Area
Dorchester	66

Estimated Broadband Take Rate                      50%  
New Broadband Subscribers                              33

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

**Checklist Item #4 Estimated Schedule – Dorchester Exchange SE RL05**

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**

**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	449	\$0	\$8,082	
Site Engineering	\$3,635	\$0	\$3,635	1	\$0	\$3,635	
Site Acquisition	\$12,000	\$0	\$12,000	1	\$0	\$12,000	
Power Make Ready	\$7,984	\$10,000	\$17,984	1	\$10,000	\$17,984	
95' AGL Wood Pole	\$0	\$61,400	\$61,400	1	\$61,400	\$61,400	
Base Station	\$4,433	\$5,513	\$9,946	5	\$27,567	\$49,730	5 GHz PtMP radio
PtP Radio	\$7,125	\$8,825	\$15,950	2	\$17,650	\$31,900	Assuming 18 GHz radio - Link Budget Calculation pending
Site Work	\$5,000	\$15,000	\$20,000	1	\$15,000	\$20,000	Placeholder for fiber + electricity work + pole mounted cabinet
Cabinet/PoE Switch	\$0	\$11,000	\$11,000	1	\$11,000	\$11,000	Pole-mounted
<b>Total</b>					<b>\$142,617</b>	<b>\$216,795</b>	

<b>Grand Total</b>					<b>\$142,617</b>	<b>\$216,795</b>
Tax	\$142,617	5.00%				\$7,131

<b>Excluded</b>						
ROW			2			\$0
IDC	\$142,617	5.00%				\$7,131

<b>Total Project Costs</b>						<b>\$223,926</b>
<b>% of Eligible Census Blocks from Checklist #2</b>						<b>67.9%</b>
<b>Requested Funding Amount</b>						<b>\$152,155</b>

<b>Depreciation Lives</b>		<b>Life in Years</b>
Fixed Wireless Assets		45
Poles		33

**Check List #6 Pricing - Dorchester Exchange SE RL05**

**Price for Internet Only (HSI Simple or Solo Internet)**

Speed	Standard Price	Current Promo	Net Price
Up to 25Mb	\$50	\$17 off for 12 months	\$33
50Mb	\$60	\$17 off for 12 months	\$43
100Mb	\$60	\$17 off for 12 months	\$43

**Price for Internet + Bundle Phone Adder**

Speed	Standard Price	Current Promo	Net Price
Up to 25Mb	\$70	\$17 off for 12 months	\$53
50Mb	\$80	\$17 off for 12 months	\$63
100Mb	\$80	\$17 off for 12 months	\$63

\$50 Activation Fee and Free Professional Installation



