

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – South Seward EXCHANGE – RL03

**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 Seward, NE ILEC Exchange (Partial funding requested)

The Central Office for Seward 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 4.6 miles south of the Central Office.
- The Seward remote Base Station will provide the broadband connection to the customers, and have wireless backhaul to the Seward 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 \$144,889, and Windstream is requesting Nebraska Universal Service Funding of \$82,475, 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:

South Seward - RL03

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 - SOUTH SEWARD - RLO3

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	%
311599601001195	CAF	NA	N	CAF2	CAF2	52	40%
311599601001197	CAF	NA	N	CAF2	CAF2	74	57%
311599601001201	CAF	NA	N	CAF2	CAF2	-	0%
311599601001213	CAF	NA	N	CAF2	CAF2	3	2%
311599601001214	CAF	NA	N	CAF2	CAF2	1	1%
311599601001215	CAF	NA	N	CAF2	CAF2	130	100%
311599601001216	CAF	NA	N	CAF2	CAF2		
311599601001217	CAF	NA	N	CAF2	CAF2		
311599601001218	CAF	NA	N	CAF2	CAF2		
311599601001219	CAF	NA	N	CAF2	CAF2		
311599601001222	CAF	NA	N	CAF2	CAF2		
311599601001226	CAF	NA	N	CAF2	CAF2		
311599601001227	CAF	NA	N	CAF2	CAF2		
311599601001234	CAF	NA	N	CAF2	CAF2		
311599601001245	CAF	NA	N	CAF2	CAF2		
311599601001246	CAF	NA	N	CAF2	CAF2		
311599601001247	CAF	NA	N	CAF2	CAF2		
311599601001248	CAF	NA	N	CAF2	CAF2		
311599601001251	CAF	NA	N	CAF2	CAF2		
311599601001255	CAF	NA	N	CAF2	CAF2		
311599601001256	CAF	NA	N	CAF2	CAF2		
311599601001258	CAF	NA	N	CAF2	CAF2		
311599601001315	CAF	NA	N	CAF2	CAF2		
311599601003253	CAF	NA	N	CAF2	CAF2		
311599601003254	CAF	NA	N	CAF2	CAF2		
311599601003255	CAF	NA	N	CAF2	CAF2		
311599601003256	CAF	NA	N	CAF2	CAF2		
311599601003257	CAF	NA	N	CAF2	CAF2		
311599601003258	CAF	NA	N	CAF2	CAF2		
311599601003259	CAF	NA	N	CAF2	CAF2		
311599601003261	CAF	NA	N	CAF2	CAF2		
311599601003262	WIN Only	No Wireline Competitor	N	WIN Only	WIN Only		
311599601003312	CAF	NA	N	CAF2	CAF2		
311599601003313	CAF	NA	N	CAF2	CAF2		
311599601003314	CAF	NA	N	CAF2	CAF2		
311599601003316	CAF	NA	N	CAF2	CAF2		
311599601003317	CAF	NA	N	CAF2	CAF2		
311599601003320	CAF	NA	N	CAF2	CAF2		
311599601003321	CAF	NA	N	CAF2	CAF2		
311599601003356	CAF	NA	N	CAF2	CAF2		
311599601003357	CAF	NA	N	CAF2	CAF2		
311599602001108	CAF	NA	N	CAF2	CAF2		
311599602001119	CAF	NA	N	CAF2	CAF2		
311599602001137	CAF	NA	N	CAF2	CAF2		
311599604002035	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599604002166	CAF	NA	N	CAF2	CAF2		
311599604002167	CAF	NA	N	CAF2	CAF2		
311599604003011	CAF	NA	N	CAF2	CAF2		
311599604003017	CAF	NA	N	CAF2	CAF2		
311599604003019	CAF	NA	N	CAF2	CAF2		
311599604003020	CAF	NA	N	CAF2	CAF2		
311599604003021	CAF	NA	N	CAF2	CAF2		
311599604003022	CAF	NA	N	CAF2	CAF2		
311599604003023	CAF	NA	N	CAF2	CAF2		
311599601001193	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001202	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001203	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001204	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001205	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001207	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001208	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001210	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001221	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001224	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001225	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001228	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001229	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001230	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001231	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001232	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001233	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001235	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001236	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001237	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001238	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001239	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001240	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001241	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		
311599601001242	Competition - FW	No Wireline Competitor	N	NE BB Eligible	NE BB Eligible		

311599601001243	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001244	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001249	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001250	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001252	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001253	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001254	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001265	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001304	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001307	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001316	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601003260	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601003315	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601003318	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601003319	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601003355	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601003358	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599602001138	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604002000	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604002001	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604002002	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604002003	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604002034	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604002036	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604002038	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604002039	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604002386	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604002387	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003000	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003001	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003002	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003005	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001209	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001211	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001212	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599601001257	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599602001113	Competition - Other	N	N	Competition - Other
311599602001123	Competition - Other	N	N	Competition - Other
311599602001124	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599602001125	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599602001128	Competition - Other	N	N	Competition - Other
311599604002037	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003003	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003004	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003006	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003010	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003012	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003013	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003014	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003018	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311599604003009	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 - South Seward - RL03

Exchange	# Locations in Deployment Area
Seward	180

Estimated Broadband Take Rate                      50%  
New Broadband Subscribers                              90

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

**Checklist Item #4 Estimated Schedule – South Seward – 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 - South Seward - RL03

**Budget**

**Remote Sites**

Item	Labor	Material	Item Total	Quantity	Mat Total	Grand Total	Notes
Site Survey	\$1,000	\$0	\$1,000	1	\$0	\$1,000	
Fiber Buildout	\$0	\$0	\$0	0	\$0	\$0	
Desktop Planning	\$18	\$0	\$18	68	\$0	\$1,224	
Site Engineering	\$3,300	\$0	\$3,300	1	\$0	\$3,300	
Site Acquisition	\$10,183	\$0	\$10,183	1	\$0	\$10,183	
Power Make Ready	\$18,000	\$0	\$18,000	1	\$0	\$18,000	
95' AGL Wood Pole	\$5,746	\$23,800	\$29,546	1	\$23,800	\$29,546	
Base Station	\$6,000	\$6,000	\$12,000	4	\$24,000	\$48,000	5 GHz PtMP radio
PtP Radio	\$7,125	\$8,825	\$15,950	1	\$8,825	\$15,950	Assuming 18 GHz radio - Link Budget Calculation pending
Site Work	\$2,780	\$4,000	\$6,780	1	\$4,000	\$6,780	Placeholder for fiber + electricity work + pole mounted cabinet
Cabinet/PoE Switch	\$0	\$7,500	\$7,500	1	\$7,500	\$7,500	Pole-mounted
<b>Total</b>					<b>\$68,125</b>	<b>\$141,483</b>	

Tax \$68,125 5.00% \$3,406

**Grand Total** \$68,125 \$144,889

**Excluded**  
 ROW 2 \$0  
 IDC \$68,125 5.00% \$3,406

**Total Project Costs** \$144,889  
**% of Eligible Census Blocks from Checklist #2** 56.9%  
**Requested Funding Amount** \$82,475

**Depreciation Lives** Life In Years  
 Fixed Wireless Assets 45  
 Poles 33

**Check List #6 Pricing - South Seward - 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

