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 Northeastern 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 Northeastern area of the exchange that 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 3.5 miles northeast 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 <u>minimum</u> 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 \$60,015, 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.

York Exchange NE RL02

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:

York Exchange NE RL02

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 NE RL02

Criteria for Determing NUSF Eligibility for Census Blocks in Priority Order for Projects Using Fixed Wireless Technology:

- Criteria for Determing NUSF Eligibility for Census Blocks in Priority Order for Projects Using Fixed Wireless Technology | If Census Block is CAF 2 Not Eligibile |
 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

			Does Fixed Wireless			
	CAF 2 and Form 477			NUSE Eligibility		
Census Blocks 311859696001284	Status CAF	Neighboring ILEC?	Competitor? *	NUSF Eligibility CAF2		
311859696001284	CAF	NA NA	N N	CAF2		
311859696001315	CAF	NA	N	CAF2		
311859696001316	CAF	NA	N	CAF2		
311859696001355	CAF	NA	N	CAF2		
311859696001356	CAF	NA	N	CAF2		
311859696001358 311859696001359	CAF CAF	NA NA	N N	CAF2 CAF2		
311859696001359	CAF	NA	N	CAF2		
311859696002165	CAF	NA	N	CAF2		
311859696002167	CAF	NA	N	CAF2		
311859696002169	CAF	NA	N	CAF2		
311859696002182	CAF	NA	N	CAF2		
311859696002183	CAF	NA	N	CAF2		
311859696002184 311859696002187	CAF CAF	NA NA	N N	CAF2 CAF2		
311859696002187	CAF	NA	N	CAF2		
311859696002194	WIN Only	No Wireline Competitor	N	WIN Only		
311859696002195	CAF	NA	N	CAF2		
311859696002198	CAF	NA	N	CAF2		
311859696002201	CAF	NA	N	CAF2		
311859696002207	CAF	NA	N	CAF2		
311859697001001	CAF	NA	N	CAF2		
311859697001003 311859697001007	CAF CAF	NA NA	N N	CAF2 CAF2		
311859697001007	CAF	NA NA	N	CAF2		
311859697001010	CAF	NA	N	CAF2		
311859697001012	CAF	NA	N	CAF2		
311859697001017	CAF	NA	N	CAF2		
311859697001019	CAF	NA	N	CAF2		
311859697001026	CAF	NA	N	CAF2		
311859697001070	CAF	NA NA	N N	CAF2 CAF2		
311859697002046 311859697002049	CAF CAF	NA NA	N N	CAF2		
311859697002096	CAF	NA NA	N	CAF2		
311859698003000	CAF	NA	N	CAF2		
311859698003002	CAF	NA	N	CAF2		
311859698003093	CAF	NA	N	CAF2		
311859696001308	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859696001317	No Competition	No Wireline Competitor	N N	NE BB Eligible NE BB Eligible		
311859696001318 311859696001319	No Competition No Competition	No Wireline Competitor No Wireline Competitor	N N	NE BB Eligible		
311859696001320	Competition - FW	No Wireline Competitor	N	NE BB Eligible		
311859696001357	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859696002164	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859696002166	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859696002170	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859696002181	No Competition	No Wireline Competitor	N N	NE BB Eligible NE BB Eligible		
311859696002185 311859696002186	No Competition No Competition	No Wireline Competitor No Wireline Competitor	N	NE BB Eligible		
311859696002189	Competition - FW	No Wireline Competitor	N	NE BB Eligible		
311859696002196	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859696002197	Competition - FW	No Wireline Competitor	N	NE BB Eligible		
311859696002203	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859696002204	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859696002205 311859696002206	No Competition No Competition	No Wireline Competitor	N N	NE BB Eligible NE BB Eligible		
311859696002208	No Competition	No Wireline Competitor No Wireline Competitor	N	NE BB Eligible		
311859696002432	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859696002433	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697001004	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697001005	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697001006	Competition - FW	No Wireline Competitor	N	NE BB Eligible		
311859697001008	No Competition	No Wireline Competitor	N	NE BB Eligible NE BB Eligible		
311859697001011 311859697001016	No Competition No Competition	No Wireline Competitor No Wireline Competitor	N N	NE BB Eligible		
311859697001025	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697001059	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697001060	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697001061	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697001062	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697002001	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697002002 311859697002003	No Competition No Competition	No Wireline Competitor No Wireline Competitor	N N	NE BB Eligible NE BB Eligible		
311859697002003	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697002005	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697002006	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697002039	No Competition	No Wireline Competitor	N	NE BB Eligible		
311859697002041	No Competition	No Wireline Competitor	N	NE BB Eligible		

Summary	# Census Blocks	%
CAFZ	37	27%
NE BB Eligible	65	47%
Competition - FW	-	0%
Competition - Other	34	25%
WIN Only	1	1%
Total	137	100%
Eligible for Funding	65	47%

311859697002044	No Competition	No Wireline Competitor	N	NE BB Eligible
311859697002045	No Competition	No Wireline Competitor	N	NE BB Eligible
311859697002047	No Competition	No Wireline Competitor	N	NE BB Eligible
311859697002048	No Competition	No Wireline Competitor	N	NE BB Eligible
311859697002050	No Competition	No Wireline Competitor	N	NE BB Eligible
311859697002051	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696001306	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696001307	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696001309	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696002190	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696002191	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696002192	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696002192	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696002199	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696002200	No Competition	No Wireline Competitor	N	NE BB Eligible
311859696002202	No Competition	No Wireline Competitor	N	NE B8 Eligible
311859696002232	Competition - FW	No Wireline Competitor	N	NE BB Eligible
311859697001000	No Competition	No Wireline Competitor	N	NE BB Eligible
		No Wireline Competitor	N	NE BB Eligible
311859697001002	No Competition	N N	N	Competition - Other
311859697001013	Competition - Other	N	N	Competition - Other
311859697001014	Competition - Other	N	N	Competition - Other
311859697001015	Competition - Other		N	
311859697001020	Competition - Other	N		Competition - Other Competition - Other
311859697001022	Competition - Other	N	N	
311859697001023	Competition - Other	N	N	Competition - Other
311859697001024	Competition - Other	N	N	Competition - Other
311859697001036	Competition - Other	N	N	Competition - Other
311859697001038	Competition - Other	N	N .	Competition - Other
311859697001039	Competition - Other	N	N	Competition - Other
311859697001040	No Competition	No Wireline Competitor	N	NE BB Eligible
311859697001041	Competition - Other	N	N	Competition - Other
311859697001052	Competition - Other	N	N	Competition - Other
311859697001053	Competition - Other	N	N	Competition - Other
311859697001056	Competition - Other	N	N	Competition - Other
311859697001057	Competition - Other	N	N	Competition - Other
311859697001058	Competition - Other	N	N	Competition - Other
311859697001063	Competition - Other	N	N	Competition - Other
311859697001064	Competition - Other	N	N	Competition - Other
311859697001065	Competition - Other	N	N	Competition - Other
311859697001068	Competition - Other	N	N	Competition - Other
311859697001071	Competition - Other	N	N	Competition - Other
311859697002000	No Competition	No Wireline Competitor	N	NE BB Eligible
311859697002007	Competition - Other	N	N	Competition - Other
311859697002012	Competition - Other	N	N	Competition - Other
311859697002033	Competition - Other	N	N	Competition - Other
311859697002034	Competition - Other	N	N	Competition - Other
311859697002037	Competition - Other	N	N	Competition - Other
311859697002038	No Competition	No Wireline Competitor	N	NE BB Eligible
311859697002040	Competition - Other	N	N	Competition - Other
311859697002043	No Competition	No Wireline Competitor	N	NE BB Eligible
311859697002052	No Competition	No Wireline Competitor	N	NE BB Eligible
311859697002080	Competition - Other	N	N	Competition - Other
311859697002081	Competition - Other	N	N	Competition - Other
311859697002095	Competition - Other	N	N	Competition - Other
311859697002097	Competition - Other	N	N	Competition - Other
311859697003000	Competition - Other	N	N	Competition - Other
311859697003000	Competition - Other	N	N	Competition - Other
311859697003002	Competition - Other	N	N	Competition - Other
311333037003002	compension other	100		

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 - York Exchange NE RL02

Exchange	# Locations in Deployment Area
York	326

Estimated Broadband Take Rate	50%
New Broadband Subscribers	163

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 NE RL02

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 NE RL02

Budget

Rem	ote	Sites

Remote Sites	Labor	Material	Item Total	Quantity	Mat Total	Grand Total	Notes
Site Survey	\$1,065	\$0	\$1,065		\$0		
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	
Тах	\$75,508	5.00%				\$3,775	
Excluded							
ROW		2				\$0	
IDC	\$75,508	5.00%				\$3,775	
						\$126,494	
Total Project Costs	de for Ch	a alalian 40				47.4%	
% of Eligible Census Blo		ecklist #2				\$60,015	
Requested Funding Am	ount					300,013	
Depreciation Lives	i					Life in Years	
Fixed Wireless Assets						45	
Poles						33	

Check List #6 Pricing - York Exchange NE RL02

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

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, Brac	l Brannon,	being	first dul	y sworn	upon	oath,	state	as follo	ows
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- 1. I am currently employed by Windstream as the <u>Vice President Consumer & Small Business</u> <u>Business Intelligence</u>. 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 2018 by Brad Brannon

Notary Public

FELICIA DAVIS

FELICIA DAVIS

MY COMMISSION # 12690156

EXPIRES: June 24, 2025

Pulaski County