

507467 - Quick Current Iowa: Salix ITQ Broadband Intervention Zone

Application Details

Funding Opportunity:	498157-Invitation to Qualify (ITQ) Broadband Intervention Zones
Funding Opportunity Due Date:	Mar 31, 2023 5:00 PM
Program Area:	ITQ - Broadband Intervention Zones
Status:	Submitted
Stage:	Final Application
Initial Submit Date:	Mar 31, 2023 12:54 PM
Initially Submitted By:	Stephen Millan
Last Submit Date:	Apr 3, 2023 6:36 PM
Last Submitted By:	Stephen Millan

Contact Information

Primary Contact Information

Active User*:	Yes
Type:	External User
First Name*:	Stephen Middle Name Millan First Name Last Name
Title:	CEO - Numu Communications
Email*:	steve@numu.tech
Address*:	9824 S 25th Ave Phoenix Arizona 85041 City State/Province Postal Code/Zip
Phone*:	480-258-4864 Ext. Phone ###-###-####
Fax:	###-###-####
Agency:	

Organization Information

Status*: Approved

Name*: Quick Current Iowa LLC

Organization Type*: Other

DUNS: ##-###-####

Tax Id:

Unique Entity Identifier (UEI):

Organization Website:

Address*: 100 Main St

Phone*: Macy Nebraska 68039-
City State/Province Postal Code/Zip
402-637-8912 Ext.
###-###-####

Fax: ###-###-####

Benefactor:

Vendor Number / ID:

Cover Sheet-General Information

Cover Sheet-General Information

Authorized Official

Name*: Stephen Millan

Title*: CEO - Numu Communications

Organization*: Numu Communications
If you are an individual, please provide your First and Last Name.

Address*: 9824 S 25th Ave

City/State/Zip*: Phoenix Arizona 85041
City State Zip

Telephone Number*: 480-258-4864

E-Mail*: steve@numu.tech

Fiscal Officer/Agent

Please enter the "Fiscal Officer" for your Organization.
If you are an individual, please provide your First and Last Name.

Name*: Corrine Wilson

Title: CFO - Numu Communications

Organization: Numu Communications

Address: 9824 S 25th Ave

City/State/Zip: Phoenix Arizona 85041
City State Zip

Telephone Number: 480-882-8774

E-Mail: corrine@numu.tech

**County(ies) Participating,
Involved, or Affected by this
Proposal*:** Woodbury County

To find your district, click on the "Congressional Map" link. On the left hand side of the page, click on the drop-down list and click on "State of Iowa". Then, enter an address for the county/ies you serve in the Search bar. Click "Enter." This will provide you with your Congressional District, Iowa Senate District and Iowa House District.

**Congressional District(s)
Involved or Affected by this
Proposal*:** 4th - Rep Randy Feenstra
Congressional Map

**Iowa Senate District(s) Involved
or Affected by this Proposal*:** 7
Iowa Senate Map

**Iowa House District(s) Involved
or Affected by this Proposal*:** 13,14
Iowa House Map

Invitation To Qualify Application Exhibits

Required Forms and Submissions

Please indicate the community applicant type that best fits from this list.

Community Applicant Type*: Other

**If Community Applicant Type is
"Other", please add additional
information here. :**

Quick Current Iowa is owned by the Omaha Tribe of Nebraska and is a community run Internet and cellular service provider. Quick Current Iowa owns 5G wireless spectrum in the Salix service area.

This section of the Iowa Grants system requires the Applicant to upload a cover letter as a Word doc or pdf on the Applicant's letterhead to provide a high-level overview of the Application describing your community's Broadband need in the area and the community's interest in obtaining programmatic funding in the Geographic Area of Concern. The Cover Letter is not scored.

Cover Letter*: QCI Salix BB Inv Zone Cover Letter.pdf

The Applicant must upload a spreadsheet of locations obtained from the Broadband Availability Map. The system will allow you to download the locations as a CSV formatted spreadsheet. The Eligible Service Locations Spreadsheet must then be uploaded by the Community Applicant to the Iowa Grants system.

Note: Reference the "Geographic Area of Concern and Data Export/Import Instructions," labeled "Exhibit D," for instructions regarding how to properly complete this aspect of the Application.

Eligible Service Locations**04-03-2023 QCI Salix ITQ Eligible Locations.csv****Spreadsheet*:**

Generally describe the area identified with the Geographic Area of Concern Selection Tool. Example: Rural Adams County, Poweshiek County Highway 6 Corridor, etc.

General Description of the geographic area of the circle*:**Salix IA in Woodbury County, adjacent to the junction of I-29 & 276th St.**

Write down the radius distance used to create your circle. The instructions for how to identify the radius can be found in Exhibit D Geographic Area of Concern Selection Tool and Data Export/Import Instructions ("Selection Tool").

Radius of the circle*: 5

Address at the center of the circle - Street Address *:

648 Poplar St

Address of the center of the circle - City*:

Salix

Address of the circle - State*:

Iowa

Address of the circle - zip code*: 51052

Optional Forms and Submissions - Work, Education, and Health Monitoring

This sub-factor takes into consideration whether Broadband investments in the proposed Geographic Area of Concern will help to facilitate community members engagement in employment, search for employment, and/or develop the requisite skills and knowledge to become employed (e.g., participate in career counseling programs, workforce training programs, as well as gain access to internet websites to search for and apply to jobs).

Work:

The Omaha Tribe of Nebraska has both Tribal lands and members in the Salix Iowa service area. Community members require access to affordable high-speed internet and cellular network services in order to accelerate their employment searches using standard internet job search engines such as indeed.com and ziprecruiter.com. Access to quality affordable internet service allows local community employment candidates to apply for Work From Home (WFH) positions. Tribal members and rural citizens are often presented with connectivity challenges with the current network provider available in the area.

Gig economy opportunities also require high-speed internet and cellular services for internet based services such as food delivery and ride sharing.

Most workforce development and training programs also rely heavily on web based forms and applications when accessing workforce services. Each of these employment areas can help increase local employment and improve the economic conditions in Salix and Woodbury County.

This subfactor takes into consideration whether Broadband investments in the proposed Geographic Area of Concern will help facilitate educational activities. Such education activities may be to acquire knowledge and/or skills, undertaken as part of a person's participation in school, an academic program, extracurricular program, social-emotional development program for students or youths, internship, or professional development program, or in another educational environment.

Education:

Omaha Tribal members and Community residents in Salix faced great challenges when trying to move to virtual education during the COVID-19 pandemic. In many cases students were forced to gather at network access points, endangering public health. In other case temporary cellular connections were provided but suffered from slow speeds and high latency. Online education programs for professional certifications, technical coding/development bootcamps, vocational training, and graduate degree programs are widely available so long as the student has a reliable high-speed internet connection.

Despite the challenges, virtual learning can enable access to educational opportunities that might not otherwise be accessible to the community. In addition, high-speed internet services are an essential requirement for course curricula used by the schools in the service area.

This subfactor takes into consideration whether Broadband investments in the proposed Geographic Area of Concern will help facilitate health monitoring services to monitor an individual's health, including with respect to either physical or behavioral health.

Health Monitoring:

Access to healthcare services is a challenge in Salix, with the nearest hospital approximately 30 miles away and urgent care facilities 12 miles away. This distance can lead to lower healthcare outcomes for the residents of the service area. High-speed internet and cellular services can provide the connectivity needed to telemedicine programs for physical ailments, mental health, and substance abuse.

Tribal and Rural communities have higher rates of mental health and addiction challenges, and internet services can provide much needed care for the community. Services such as community wellness programs, mental health education, remote video diagnosis and treatment recommendations by certified physicians, and patient care management can all be accessed with a quality internet connection.

Community Support Letters

Testimonial : QCI Salix Testimonial Letters.pdf

Community Support Letter : QCI Salix Community Support.pdf

This Community Support upload does not have to be on letterhead or have a mailing address within the Geographic Area of Concern. The author must demonstrate that there is a community tie-in or relationship to the Geographic Area of Concern.

Community Support Letter (no letterhead or mailing address):

Optional Forms and Submissions - Community Broadband Capital

Item	Description	Category	Supporting Documentation
1			
2			
3			
4			
5			

Barriers to Broadband

Barriers to Broadband Installation:

Salix has the following barriers for residents to access affordable high-speed Internet and cellular network services:

Small Population - Many service providers are focused on revenue per user and have very stringent

payback requirements for network expansion or upgrade projects. Since there are fewer network subscribers the infrastructure costs are not justified, leading to network and service degradation over time.

Lack of Middle Mile Infrastructure - Lack of fiber infrastructure for wireless tower and internet backhaul connections can limit service speeds and increase service latency. In these situations, community broadband can be the only way to ensure sustainable and high quality network services due to the longer term investments in community infrastructure.

Service Area Economic Conditions - Tribal and Rural service area residents have higher than average poverty and unemployment rates, which depress subscriber revenue for network services. Community broadband can help educate and register qualified residents for Affordable Connectivity Plan subsidies for internet and cellular service, helping reduce the financial burden on those who most need affordable Internet access.

Optional Supporting Materials QCI Salix Barriers to BB Supporting.pdf
for Barriers to Broadband
Installation Narrative:

Minority Impact Statement

Minority Impact Statement

Does the proposed grant Yes
program or policy have a
disproportionate or unique
positive impact on minority
persons? *:

Describe the positive impact
expected from this project.:

The Omaha Tribe of Nebraska has Tribal lands in Woodbury County and has members in the community of Salix Iowa. Quick Current Iowa intends to provide a community broadband and cellular network with service speeds of 100 Mbps symmetric for Fixed Wireless and 1Gbps symmetric for Fiber access. This infrastructure will also enable 5G cellular voice services, which will improve Tribal member access to employment, education, healthcare, and government services.

Detail the rationale for the
existence of the proposed
program or policy.:

Broadband infrastructure is a critical utility service for all residents in the Salix service area. A community run broadband approach ensures that the internet services are provided in the best interest of the citizens. Municipalities such as Chattanooga Tennessee have shown that significant increases in local economic activity can be driven by access to quality high-speed Internet and cellular services.

Indicate the group(s) positively American Indians
impacted.:

Could the proposed grant program or policy have a disproportionate or unique negative impact on minority persons? *:

No

Describe the negative impact expected from this project.:

Detail the rationale for the existence of the proposed program or policy. :

Indicate the group(s) negatively impacted.:

Explain how you provided consultation with representatives of the minority groups impacted.:

I hereby certify the information above is complete and accurate to the best of my knowledge.*:

Yes

CEO - Numu Communications Stephen Millan

Title

First Name Last Name