



Nebraska Capital Projects Fund (CPF) Grant Application

Section I: Applicant Details

Original Revised

1. Applicant name:	Northeast Nebraska Telephone Company		
2. Applicant type:	Cooperative		
3. Applicant street address:	110 East Elk Street		
3a. Applicant city:	Jackson		
3b. Applicant state:	NE		
3c. Applicant zip code:	68743		
4. Applicant contact (first and last name):	Pat McElroy		
5. Applicant e-mail:	pat.mcelroy@nntcemployee.com		
6. Applicant phone number:	(402) 632-2227		
7. Provider name:	Northeast Nebraska Telephone Company		
8. Provider contact (first and last name):	Pat McElroy		
9. Provider e-mail:	pat.mcelroy@nntcemployee.com		
10. Provider phone number:	(402) 632-2227		
11. Legal representative name (must be an attorney licensed to practice law in Nebraska or an attorney admitted to practice pro hac vice for purposes of this program):	Jacob Natwick		
12. Legal representative e-mail:	jacob.natwick@heidmanlaw.com		
13. Legal representative phone number:	(712) 222-4114		
14. Applicant's Nebraska ETC status:	Currently certified as Nebraska Eligible Telecommunications Carrier (I		
15. Does the applicant currently report through FCC Form 477 speeds of at least 100/100 Mbps provided to customers within the State of Nebraska?	Yes	15a. If yes, does the applicant clearly offer the minimum 100/100 Mbps speeds required on their public-facing website:	Yes
15b. Provide the service provider's website URL that reflects the minimum 100/100 Mbps speeds currently available. Also, provide instructions on how to view available speeds, if not a direct link:	https://nntc.net/internet/ , fastest speed for all		
16. Does the applicant currently participate in FCC's Affordable Connectivity Program (ACP)?	Yes		

17. Does the applicant commit to participating in FCC's ACP program, or subsequently identified subsidy program, for as long as the funded infrastructure is in use?	Yes
18. Applicant's System for Award Management (SAM) Unique Entity Identifier (UEI):	DTBHJHFAFJZ3

Section II: Project Details

1. Project name:	Polk County			
2. Project location description (the cities/communities where the project(s) will take place):	There are 176 homes and businesses located around Stromsburg, NE in rural Polk County. The rural area covers 69.9 square miles. The location includes several farm operations, including a beef farm, two auto repair shops, and a school with 366 students ranging from Pre-K to 12th grade.			
3. Estimated number of serviceable locations in project area: 176	3a. Unserved (<25/3 Mbps): 176	3b. Underserved (<100/20 Mbps):	3c. Served (>=100/20 Mbps):	3d. Total 176
4. Technology type to be deployed in project area:	Fiber			
5. Current maximum connection speed bandwidth in project area (Mbps):	25/3	6. Projected maximum connection speeds at completion (Mbps):	up to 1 GB upload and download	
7. Monthly customer rate for proposed 100/100 Mbps service (non-promo rate):	\$ 19.95	7a. Does the rate plan for the proposed project area impose data or usage caps?	No	
7b. Does the rate plan for the proposed project area involve throttling speeds after usage limits are reached?	No	7c. Does the rate plan for the proposed project area involve metered or "pay as you go" service model?	Yes	
7d. Does the rate plan for the proposed project area impose early termination fees?	No	7e. Does the rate plan for the proposed project area lock customers into a particular plan or term with a long term contract?	No	
8. Expected project completion date:	12/04/2025			
9. Project geographic contiguity type:	Contiguous	10. If noncontiguous, are the areas included from the same exchange or adjacent exchanges?	No	
11. Total project costs (based on allowed costs):	\$ 3,777,885.00	12. CPF grant amount requested:	\$ 3,777,885.00	
13. Does the project involve any portion of deployment on tribal land?	No	NOTE: If the answer to 13 is "yes," proof of tribal consent must be provided to the Commission no later than April 24, 2023.		

Attach/Include:

Please label attachments as follows: “[Applicant Name]_[Project]_[Attachment Letter].” If it is necessary to submit multiple attachments under one attachment letter category, label the attachments to identify the separate attachments. Ex. “[Applicant Name]_[Project]_[Attachment Letter]_1”, “[Applicant Name]_[Project]_[Attachment Letter]_2”, etc. Unless otherwise noted, all attachments must be submitted as PDF files.

- A polygon shapefile polygon (.shp) reflecting the project area **must** be included. Any supporting files necessary to open the shapefile must also be attached. (Attachment Letter: A)
- A point shapefile which identifies serviceable locations in the project area **must** also be included. Any supporting files necessary to open the shapefile must also be attached. (Attachment Letter: B)
- Applicants that answered “Yes” to section I; field 15 should attach documentation that 100/100 Mbps speeds are currently delivered to customers in other areas served by the applicant and that those speeds are advertised. (Attachment Letter: C)
- Applicants that answered “Noncontiguous” in section II; field 9, should provide a statement explaining the reasoning for including noncontiguous areas. This should include an explanation regarding what natural connection the noncontiguous project areas have to each other. (Attachment Letter: D)
- Technical capability statement: Applicants must include a statement relating to their experience providing broadband, whether they currently provide broadband at the minimum 100/100 Mbps speeds, the useful life of the facilities, and how the project will be resilient and sustainable in the long-term. This statement should also include the number of technical staff that will be dedicated to serving the project area once the project is complete, the level of technical ability of staff, the technological components used and which components may require more frequent repair or replacement, a detailed description of the proposed network architecture including homes passed, fiber miles, and the specific technology to be used to provide service to end users, a description of the applicant’s technical capability to meet the requirement to provide a minimum 100/100 Mbps in all locations that receive grant funding, and their plans to meet the minimum statutory technical and speed requirements in place for the CPF throughout the fifteen-year period, and how the service area will be maintained throughout the useful life of the facilities, and any other relevant technical expertise of the applicant. (Attachment Letter: E)
- Rate comparability details: Attach information demonstrating that the retail rates for the proposed service area are comparable to the applicant’s rates outside the project area for the same speed tiers of a minimum 100/100 Mbps or next highest tier if 100/100 Mbps is not offered. Additionally, information regarding the terms and conditions offered, and the terms of service must be provided. Specifically, a statement must be provided with the application detailing whether the plan involves data caps, throttling speeds after usage limits are reached, long-term contracts, Early Termination Fees, or metered “pay-as-you-go” service. (Attachment Letter: F)
- A business plan for the proposed network: The business plan should include: details of the proposed project, including the objectives and purpose of the project. Who will be served, what critical needs of the community will be met? A description of any risk factors or legal challenges that must be addressed prior to or during the project in question, such as local zoning, right of way, tribal approval*, and permitting processes, and how the applicant intends to mitigate these risk factors or legal challenges. A financial analysis for the project including cash flow projections for the project for a minimum of 5 years including an explanation of revenue assumptions and take rate. A description of the plans for long-term maintenance of the network built through the grant. Disclose any prior receipt of federally awarded grant funds for broadband deployment and provide copies of any past audits of federal awards. Community engagement demonstration including identification of the community leaders or individuals with decision making authority for the community/communities within the project area. NOTE: Projections that do not reflect positive capitalization should include a written explanation as to how a project will be maintained over the life of the facilities. For projects that involve broadband development on tribal lands, permission from and approval by tribes is required and documentation of the approval must be provided to the Commission no later than March 27, 2024.

Long-term viability of the project is a priority to the Commission. Applicants that choose to provide an additional demonstration showing its approach to extend the expected useful life of the facility and its long-term commitment to serve the area will be awarded additional points (see Scoring Reference Sheet for details). An applicant can demonstrate plans to extend expected useful life of the facility by providing specific details about the outside plant to be deployed, manufacturers projection of useful life, description of proactive maintenance practices including regular inspections, upgrades and repairs to extend useful life, and consideration of how the facility is designed to withstand environmental factors (i.e. weather conditions, soil composition, etc.). An

applicant can demonstrate its long-term commitment to serve the area by providing evidence of a pre-existing commitment to the project area, community outreach efforts prior to filing the Application such as demonstrated participation in local government, townhall events or community forums, commitment to providing community benefit programs that provide discounted services for low-income households, the commitment to the establishment of a community outreach program during the construction phase and upon initiation of customer services, investing in customer support to ensure specific staff are trained in issues specific to the community and that they will address issues promptly. Scoring will be based on evaluation of the applicant's demonstration. (Attachment Letter: G)

A funding breakdown for the grant must be attached in Excel format. This should include a proposed budget reflecting a clear and detailed breakdown of cost elements based on total allowable project costs. This should also include the total grant amount requested and detail any matching funds committed. (Attachment Letter: H)

Non-ETC applicants attach the most current year's audited financial statements. (Attachment Letter: I)

A digital inclusion plan must be attached for consideration. The plan should specify: the applicant's process to consult with community and consider affordability; a description of how the project will meet the objective of providing broadband infrastructure deployment within the project area to directly enable work, education, and healthcare monitoring; a description of how the project will address a critical need that resulted from or was made apparent or exacerbated by the COVID-19 public health emergency; identify any critical needs of the community intended to be served by the project, and how the project will be tailored to meet those needs, including the carrier's efforts to ensure members of the community to be served will be able to afford the services offered and must describe any discounts and/or support programs to be offered for low-income individuals; specify how the project will impact access to and use of information and communication technologies within the communities it serves, including individuals and communities that are the most disadvantaged; include the pricing structure of the 100/100 Mbps plan being offered to low-income subscribers in addition to the availability of Lifeline or Affordable Connectivity Program (ACP) discounts and any additional terms and conditions of service; include evidence of outreach efforts to relevant stakeholders (community leaders, community members, civic organizations, etc.) in the areas they are wishing to serve. (Attachment Letter: J)

Applications proposing to use technology other than fiber or proposing to use a combination of fiber and other technologies, must include an attestation from a qualified engineer describing the speed capabilities of the proposed technology, and should provide the following: (1) How the proposed spectrum can meet or exceed the relevant performance requirements at peak usage periods. Clearly identify the licensed and unlicensed spectrum that will be used; (2) Provide the calculations used for each frequency band, to design the last mile link budgets in both the upload and download directions at the cell edge using the technical specifications of the expected base station and customer premise equipment. Submit assumptions regarding fading statistics, cell edge probability of coverage, and cell loading for each relevant performance tier; (3) Provide detailed radio access network (RAN) infrastructure information used to generate the coverage maps for each unique cell including longitude, latitude, antenna height, antenna orientation, antenna down-tilt, antenna model, antenna system configuration, effective radiated power, operating spectrum amount, operating spectrum type, and operating radio technology; (4) Describe the underlying propagation model used to prepare the coverage maps and how the model incorporates the operating spectrum, antenna heights, distances, fading statistics, terrain resolution, and clutter resolution. Additionally, for applicants proposing to use fixed wireless technology, applicants must include: (1) tower location shapefiles for existing and planned towers; (2) shapefile polygon demonstrating coverage for the planned and/or existing networks that will be used to meet the BEAD public interest obligations, including where the upload and download speeds will meet or exceed the required speeds (100/100 Mbps), and showing that coverage encompasses the locations included in Attachment B. (Attachment Letter: K, K1 (tower locations), and K2 (propagation data)).

Match source documentation: A table detailing the confirmed matching fund commitments by source must be included. Documentation of the match source(s) should also be provided. This could include but is not limited to a signed contribution certification for community partner match, NUSF census block information (in Excel format), documentation regarding timeline for RDOF deployment, justification for the value of any in-kind contributions such as labor, equipment, and inventory on hand. (Attachment Letter: L)

Other supporting documentation (if applicable), such as supplemental speed test data, letters of support from members of the community, supplemental financial information such as the most recent year's federal tax return, etc. (Attachment Letter: M)

APPLICANT CERTIFICATION: By signing this statement, the applicant certifies to the following (check the boxes for which the applicant will certify and attest):

The information submitted on the application and all supporting documents are true and correct;

- The applicant agrees to offer broadband internet in the project area for fifteen years after receipt of grant funding and commits to maintaining minimum speed capability of 100Mbps/100Mbps in all locations for which the applicant will receive support for the fifteen years after receipt of grant funding;
- The applicant agrees to perform and adhere to all grant requirements, and to comply with all state and federal regulations and requirements pertaining to this program;
- The applicant **has** implemented operational cybersecurity and supply chain risk management plans which reflect the latest version of the NIST Framework for Improving Critical Infrastructure Cybersecurity and Executive Order 14028;
- The applicant **has not** implemented the NIST Framework but has implemented its own cybersecurity and supply chain risk management plan and has submitted the same as an attachment to its application;
- The applicant is compliant with all requirements in Application Nos. C-5792/PI-245 and C5520/PI-246, and Neb. Rev. Stat. §§ 86-125(4)(c) and 86-324(2)(d) attesting that it does not use equipment prohibited by the FCC anywhere in its network, and that applicant further agrees not to use CPF grant funding to purchase equipment or services developed by organizations on the FCC's Covered List (See <https://www.fcc.gov/supplychain/coveredlist>);
- The applicant agrees to maintain the rates reflected in their application within the project area for a minimum of five years following completion of the project;
- The applicant will submit network speed testing information as prescribed by the Commission;
- The applicant will complete the project build within eighteen months following the grant award unless granted an extension.

Pat McElroy

3/27/24

Printed Name of Authorized Person

Date

CEO/GM

Title of Authorized Person

Patrick McElroy

Digitally signed by Patrick McElroy
Date: 2024.01.18 15:04:44 -06'00'

Signature of Authorized Person

3/27/24

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