BEAD OVERVIEW

Brian Mitchell- Director

Office of Science, Innovation and Technology

Infrastructure Investment and Jobs Act (IIJA)- BEAD Fund

Infrastructure

- $42.5B in broadband formula grants to States- BEAD Fund

- $1B Middle Mile competitive grant program

- $2B for Tribal Broadband competitive grants

Affordability and Digital Equity

- $14.5B Affordability Connectivity Program – Subsidy to go to $30/month for non-Tribal|$75/month for Tribal- individual application
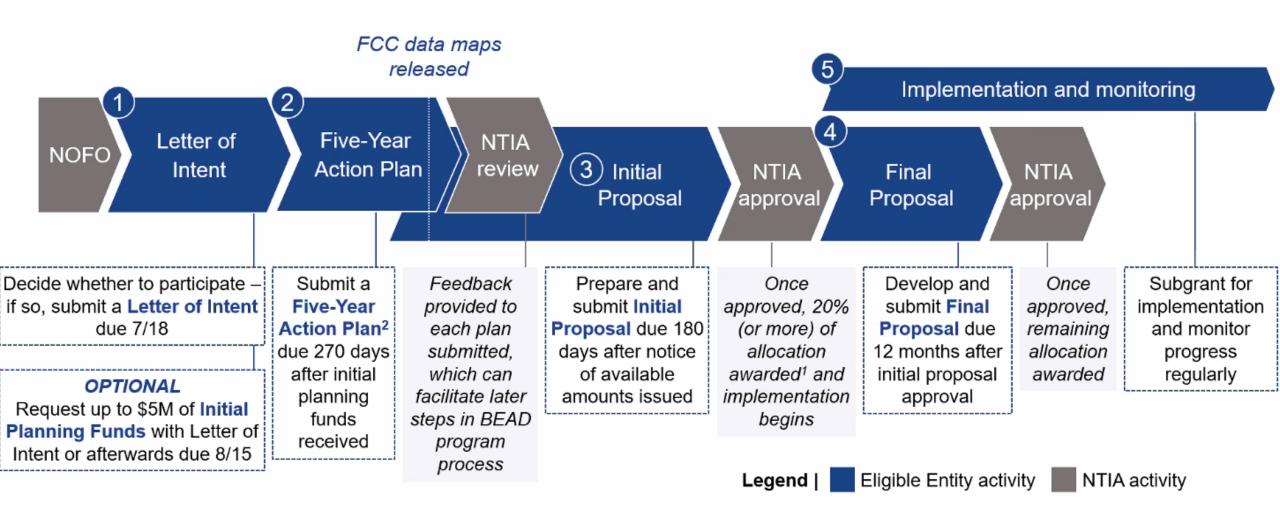
- $2.75B in broadband adoption/digital equity programs

BEAD Program Overview

Program Sequencing	Key Dates
NOFO Release/Application Intake Opening	May 13, 2022
Letter of Intent Due	July 18, 2022, by 11:59 p.m. EDT
Request for Initial Planning Funds Due	August 15, 2022, by 11:59 p.m. EDT
Five-Year Action Plan	Within 270 days of receipt of Initial Planning Funds
Program Fund Allocation and Notice of Available Amounts	On or after the date on which the Broadband DATA Maps are made public
Initial Proposal	180 days to submit after issuance of their Notice of Available Amounts
Challenge Process	Challenge: Begin after submission of Initial Proposal and before allocating BEAD funds Final Classification: After resolving each challenge and at least 60 days before allocating grant funds for network deployment
20 Percent Funding Release	Assistant Secretary shall make available to the Eligible Entity 20% of the grant funds
Final Proposal and Release of Remaining Funds	No later than twelve (12) months after the date upon which the Assistant Secretary approves the Eligible Entity's Initial Proposal

Source: NTIA

TIMELINE

FCC data maps released

NOFO

① Letter of Intent

② Five-Year Action Plan

NTIA review

③ Initial Proposal

NTIA approval

④ Final Proposal

NTIA approval

⑤ Implementation and monitoring

Decide whether to participate – if so, submit a **Letter of Intent** due 7/18

OPTIONAL
Request up to $5M of **Initial Planning Funds** with Letter of Intent or afterwards due 8/15

Submit a **Five-Year Action Plan²** due 270 days after initial planning funds received

Feedback provided to each plan submitted, which can facilitate later steps in BEAD program process

Prepare and submit **Initial Proposal** due 180 days after notice of available amounts issued

Once approved, 20% (or more) of allocation awarded¹ and implementation begins

Develop and submit **Final Proposal** due 12 months after initial proposal approval

Once approved, remaining allocation awarded

Subgrant for implementation and monitor progress regularly

Legend | ▮ Eligible Entity activity ▮ NTIA activity

Source: NTIA

Funding Allocations

Each Eligible Entity's allocation will reflect the share of the nation's unserved locations that exist within the boundaries of each Eligible Entity based on the FCC's Broadband DATA Maps. As described more specifically in Section IV.B.4.c. of the NOFO, each Eligible Entity's Total Allocation will be the sum of the Eligible Entity's (i) Minimum Initial Allocation; (ii) High-Cost Allocation; and (iii) Remaining Funds Allocation, calculated as follows:

1. Minimum Initial Allocation: The "Minimum Initial Allocation" for (i) each State of the United States, the District of Columbia, and Puerto Rico is $100,000,000, and (ii) for American Samoa, Guam, the U.S. Virgin Islands, and the Commonwealth of the Northern Mariana Islands is $25,000,000.

2. High-Cost Allocation: The "High-Cost Allocation" for each Eligible Entity will be calculated by (i) dividing the number of unserved locations in high-cost areas in the Eligible Entity by the total number of unserved locations in high-cost areas in the United States and (ii) multiplying the quotient obtained by $4,245,000,000. NTIA will provide further information regarding its designation of high-cost areas.

3. Remaining Funds Allocation: The funds remaining after subtracting each of (i) the total Minimum Initial Allocations; and (ii) the total High-Cost Allocation from $41,601,000,000 are the "Remaining Funds." Each Eligible Entity's Remaining Funds Allocation shall be computed by dividing the number of unserved locations in the Eligible Entity by the total number of unserved locations in the United States and multiplying the result by the Remaining Funds.

Eligible Uses of BEAD Funds

1. **Deploying broadband network facilities for unserved locations**
2. **Deploying broadband network facilities for underserved locations**
3. **Deploying broadband network facilities for eligible community anchor institutions**
4. Data collection, mapping, and planning
5. Installing WiFi within multi-family residential buildings
6. Broadband adoption, including devices
7. Training and workforce development
8. Other Digital Equity programs

Source: NTIA

Competitive Subgrant Selection Process Highlights

1. Fair, Open, Equitable, Competitive
2. Projects can be any size at any geographic level
3. Projects may include middle mile costs
4. State must design a competitive process designed to maximize subgrantee-provided match and reduce costs to consumers
5. If no proposals are received, State may directly and transparently engage providers

Source: NTIA

COMPETITIVE SUBGRANT SELECTION CRITERIA

1. Minimal BEAD Program Outlay
2. Affordability
3. Fair Labor Practices
4. Speed to Deployment
5. Others?

TECHNOLOGY TYPE

Priority Broadband Project- a project that will provision service via end-to-end fiber-optic facilities to each end-user premises.

Extremely High Cost Per Location Threshold- a BEAD subsidy cost per location to be utilized during the subgrantee selection process described in Section IV.B.7 of this NOFO above which an Eligible Entity may decline to select a proposal if use of an alternative technology meeting the BEAD Program's technical requirements would be less expensive.

Reliable Broadband Service- broadband service that the Broadband DATA Maps show is accessible to a location via: (i) fiber-optic technology; (ii) Cable Modem/Hybrid fiber-coaxial technology; (iii) digital subscriber line (DSL) technology; or (iv) terrestrial fixed wireless technology using entirely licensed spectrum or using a hybrid of licensed and unlicensed spectrum.

Selected Requirements of Recipients

Network capabilities

Speed: ≥100/20 Mbps or 1/1 Gbps for CAIs

Latency: 95% of measurements below 100 ms round-trip time

Outages: <48 hrs over any 365-day period except in the case of natural disasters or force majeure

Deployment requirements

Deadlines: Deploy and begin service not later than four years after subgrant received (with possible one year extension)

Milestones: Meet milestones established by Eligible Entities

Conduit access points: Include interspersed conduit access points at regular and short intervals for interconnection

Service obligations

Low-cost plan: Offer a low-cost option for all eligible subscribers

Consumer protections: Do not impose data usage caps

Access to service: Reasonable and non-discriminatory terms and conditions

Public notice: Conduct awareness campaigns to increase adoption

Interconnection and wholesale access: Permit interconnection for MM infrastructure receiving funding

Cybersecurity and supply chain: Adhere to baseline requirements

Initial Proposal Contents

1. Outline long-term objectives for deployment and closing digital divide
2. Outline support to local planning and local/Tribal coordination
3. Identify existing efforts and funding sources
4. Certify coordination and describe how coordination affected plan and describe future coordination
5. Identify unserved locations using FCC map
6. Describe how Community Anchor Institutions were defined
7. Detailed plan for a challenge process
8. Identify last-mile deployment plan/competitive award plan
9. Explain how state will conduct non-deployment activities
10. Describe any initiatives state will implement without making a grant

11. How the State will ensure strong labor standards and protections
12. How the State will ensure diverse, highly skilled workforce
13. Describe how minority, women-owned and labor surplus firms will be recruited
14. Describe how State will reduce costs and lower barriers by utilizing existing infrastructure, dig-once, permitting, etc.
15. Climate assessment
16. Intended use of 20%
17. Whether State will waive municipal broadband statutes
18. Certification of compliance with requirements
19. Certification and accountability

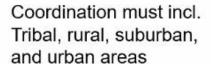Source: NTIA

Stakeholder Engagement

Geographic coverage

Coordination must incl. Tribal, rural, suburban, and urban areas

Each political subdivision and Tribal / Native entity must be given:
- Opportunity to submit a plan for Eligible Entity consideration
- Opportunity to comment on Eligible Entity proposals

Diverse stakeholders

Coordination must include a diversity of stakeholders

Eligible Entities must ensure Tribal / Native entities are involved in developing plans (incl. via a formal Tribal consultation process)

Example stakeholders include State agencies, CAIs, non-profits, etc.

Outreach mechanisms

Coordination must include multiple mechanisms to ensure broad awareness and participation

Example mechanisms include listening sessions, public meetings, websites, social media, etc.

Transparency

Coordination must include clear procedures to ensure transparency

Examples include websites, periodic reports, in-person meetings, etc.

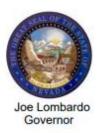## Un-/underserved and under-represented communities

Coordination must target un-/underserved, and underrepresented communities that have historically faced barriers in participating in federal programs

Examples include an advisory board with representatives, surveys to better understand needs, etc.

Source: NTIA

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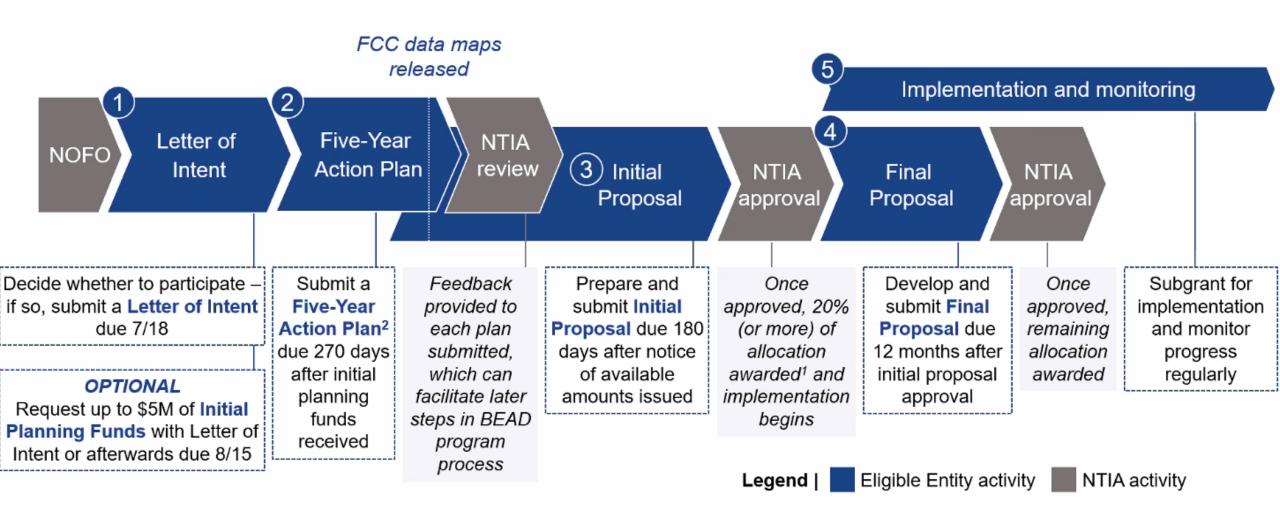
Brian L. Mitchell
Director

Request for Information (RFI) No. 2003-001

For

Governor's Office of Science, Innovation and Technology

Release Date: March 28, 2023
Deadline for Submission: May 3, 2023

For additional information, please contact:
HighSpeedNV@gov.nv.gov

TIMELINE

FCC data maps released

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QUESTIONS?

❑ How should the State define success for the BEAD program? What outcomes are most important to measure?

❑ What are the biggest causes of the digital divide and how can the State solve them?

❑ What approach should the State take in setting its Extremely High Cost Per Location Threshold? What data should the State consider?

❑ What workforce needs exist today? How can the State ensure a diverse, highly skilled workforce?

❑ What scoring criteria and other factors are most important in the selection of funding awardees?

❑ How should the State define Community Anchor Institutions (CAIs)?

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