Broadband, Equity, Access, and Deployment Program (BEAD)

Project Application Questionnaire

Arizona Commerce Authority (ACA)

July 2025

Contents

1 Disclaimer

In addition to the guidance outlined herein, the Arizona Commerce Authority will comply with the BEAD Notice of Funding Opportunity, the BEAD Initial Proposal Volume II, BEAD Final Proposal Guidelines, the BEAD Restructuring Policy published on June 6, 2025, and any subsequent guidance issued by the National Telecommunications and Information Administration, as applicable. The Arizona State Broadband Office and Arizona Commerce Authority reserve the right to modify or update this document at its discretion to implement Federal, State, or Local requirements, along with any procurement rules or guidelines at issue from the Arizona Commerce Authority, or for any other reason necessary to effectively administer the BEAD Program.

2 Project Application

2.1 Applicant Information

Details		
Applicant Information		
Applicant Legal Name/Entity Name		
Mailing Address		
Applicant Contact Details (Signatory Authority – Director/Officer)		
First Name		
Last Name		
Title		
Phone Number(s)		
Email Address(es)		
Other Details		
Applicant's Unique Entity Identifier (UEI)		
EIN (Federal Employer Identification Number)		
State Tax ID Number, if applicable		
Broadband Provider	Traditional ☐	Non-traditional ☐

Details		
Type of Service Provider:	Local Government ☐ Non-profit organization ☐ Private, For-Profit organization ☐ Public Private Partnership ☐ Tribal Government ☐ Electric Cooperative ☐ Public or Private Utility ☐ Incumbent Local Exchange Carrier (ILEC) Service Provider ☐ Non- ILEC Service Provider ☐ Cooperative(other) ☐ Other, please describe ☐	
Is your organization a consortium or a partnership?	☐ Yes	☐ No
If yes, provide a narrative that explains the organizational structure, role, relationship, and significance of each consortium member/partnership entity. The narrative provided should also demonstrate individual expertise and that the Applicant possesses sufficient working capital to successfully carry out and complete the project.		
If yes, provide details of the underlying agreement(s) amongst member/ partnership organizations.		

2.2 Project Area

Project Area
Select the Project Area from the list of areas available on the project application portal for which you are submitting this application.
Note: Applicants are required to apply separately for each Project Area they propose to serve. Applicants can submit multiple applications. Each Project Area will be evaluated individually and scored accordingly.

Applicants planning to apply for adjoining Project Areas are required to apply for these Project Areas separately in individual Applications.

Any efficiencies that the Applicants are expecting to apply for adjoining Project Areas should be incorporated in the Application separately for each proposed Project Area. Each Application will be considered valid for each Project Area, irrespective of their location.

<Dropdown List of Project Areas>

Project Area Information	Output
BEAD Eligible Locations to be Served within the Project Area	
Total number of BSLs included in the Project Area	<auto populated>
Total number of Unserved Locations	<auto populated>
Total number of Underserved Locations	<auto populated>
Total number of eligible Community Anchor Institutions (CAIs) Locations	<auto populated>

Note: The Project Area file with the list of BSLs and the list of CAIs can be downloaded from the Section 10.6 : Project Financials Estimation on the portal. Applicants should include at least 90% of the Unserved and Underserved BSLs in the Project Area to be considered for further evaluations and scoring.

Applicants should ensure that Attachment 9 – Project Financials Workbook Template available under Section 10.6 - Project Financials Estimation of the application appropriately identifies the number of BSLs proposed to be served under each Priority and/or Non-Priority BSLs category with the associated financial data.

Based on the proposed technology solutions in the selected Project Area, submit the Project Area details in the Project Financials Workbook with the proposed technology breakdown for each BSL and CAI proposed to be served.

(Attachment 9 – Project Financials Workbook) – Template available in the Project Financials section.

Community Anchor Institutions		
Does your organization propose to serve CAIs in your Project Area?	Yes ☐	No ☐

If yes, provide the number of eligible CAIs proposed to be served in the selected Project Areas, as published by the Arizona Commerce Authority.

Note: Applicants are also required to provide the list of CAI IDs (unique Ready MD5 key), CAI address, proposed technology, and cost to serve the CAIs in the "CAIs" tab of the Financial Workbook Template.

(Attachment 9 – Project Financials Workbook)

Number of Proposed CAIs to be Served	

2.3 Project Executive Summary

Project Executive Summary

Provide a high-level summary of the project, outlining the BEAD eligible locations to be served within the Project Area including a percentage breakdown of each proposed technology type, delivery approach, timeline, budget summary, and match requested by proposing a single or mixed technology solution from the list of the following technologies:

- Fiber-optic technology
- Hybrid Fiber-Coaxial (HFC) Technology
- Digital Subscriber Line (DSL) Technology
- Licensed Fixed Wireless
- Unlicensed Fixed Wireless
- Low Earth Orbit (LEO) Satellite

Applicants will have the opportunity to propose from the following options:

- Option 1: Proposing 100% BSLs in the Project Area with a single or a mixed technology solution(s)

Note: The Applicant can choose to propose a 100% Priority Broadband Project or a 100% Non-Priority Broadband Project.

If choosing to propose both Priority BSLs and Non-Priority BSLs, Applicants should include at least 90% of BSLs under the Priority Broadband Project category ensuring they meet future scalability and performance standards, and classify the remaining BSLs as Non-Priority, where scalability standards are not applicable. The ACA will initially review the Priority BSLs and, if necessary, will then evaluate the Non-Priority BSLs.

During evaluation, both the Priority and Non-Priority projects will be individually reviewed and scored.

- Option 2: Proposing select BSLs in the Project Area to serve with a single or a mixed technology solution(s) and excluding select BSLs from the Project Area. Applicants should include at least 90% of the Unserved and Underserved BSLs in the Project Area under Option 2.

For evaluation purposes, the Reference Price (Subsidy Available) for the selected Project Area will be pro-rated based on the number of proposed BSLs included in the Project Application.

Project Applications providing the most technically feasible and cost-effective solution for affordable broadband deployment through the BEAD program will be prioritized.

(Attachment 1 – Project Executive Summary)

Applicants should include any additional details or information deemed relevant to the Project.

2.4 **Project Technology and Infrastructure** Project Type

Project Type		
Select the project type your organization's Project Application will include. Note: Priority Broadband Projects and Non-Priority Projects have different scoring criteria. If choosing to propose both Priority BSLs and Non-Priority BSLs with at least 90% of BSLs under the Priority Broadband Project category and the remaining BSLs as Non-Priority, Applicants should select both the Priority Broadband Project and Non-Priority Broadband Project options on the Application portal. The BSLs included under each category will be evaluated based on the applicable scoring criteria under Priority Broadband Projects and/or Non-Priority Broadband Projects.	☐ Priority Broadband Projects	☐ Non-Priority Broadband Projects
Priority Broadband Projects: The term "Priority Broadband Project" means a project that provides broadband service at speeds of no less than 100 megabits per second (Mbps) for downloads and 20 Mbps for uploads, has a latency less than or equal to 100 milliseconds, and can easily scale speeds over time to meet the evolving connectivity needs of households and businesses and support the deployment of 5G, successor wireless technologies, and other advanced services.		
Non-Priority Broadband Projects: A "Non-priority Broadband Project" means a project that provides broadband service no less than 100 Mbps for downloads and 20 Mbps for uploads, has a latency less than or equal to 100 milliseconds, but does not necessarily meet the statutory scalability requirements to easily scale speeds over time to meet the evolving connectivity needs of households and businesses; and support the deployment of 5G, successor wireless technologies, and other advanced services.		

2.4.2 Project Technology and Infrastructure – Priority Broadband Projects

Priority Broadband Projects
Applicants will be required to select from the proposed single or mixed technology options that they plan to deploy for the proposed Project Area from the drop-down list on the application portal and provide the details for the applicable questions for each selected technology.

Fiber-Optic Based Deployment		
☐ FCC Code 50: XGS-PON: Up to 10 Gbps download and 10 Gbps upload or greater	☐ FCC Code 50: G-PON: Up to 2.5 Gbps download and 1 Gbps upload	
☐ FCC Code 50: XG-PON: Up to 10 Gbps download and 2.5 Gbps upload	☐ FCC Code 50: E-PON: Up to 1 Gbps symmetrical	
☐ Other – Please specify (i.e., 10G E-PON)	<Applicant to provide>	
Specify total estimated miles of conduit to be deployed (Note: This mileage should be included in the buried fiber plant mileage)	<Applicant to provide>	
Specify total estimated miles of buried fiber plant to be deployed	<Applicant to provide>	
Specify total estimated miles of aerial fiber plant to be deployed	<Applicant to provide>	
Confirm that for deployment that involves laying fiber-optic cables or conduit(s) underground or along a roadway, the proposed project will include interspersed conduit access points at regular and short intervals.	Yes ☐	No ☐
Specify Upstream capacity per PON port (Mbps)	<Applicant to provide>	
Specify Downstream capacity per PON port (Mbps)	<Applicant to provide>	
Specify Number of PON ports per OLT (#)	<Applicant to provide>	
Specify Backhaul capacity per OLT Downstream (Mbps)	<Applicant to provide>	
Specify Backhaul capacity per OLT Upstream (Mbps)	<Applicant to provide>	
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the Upstream traffic	<Applicant to provide>	
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the Downstream traffic	<Applicant to provide>	

Fiber-Optic Based Deployment	
Split Ratio for Deployment	
☐ Split ratio: 1:32	☐ Split ratio: 1:64
☐ Other – Please specify	\<Applicant to provide\>
If the same split ratio is not used across the deployment, specify the reason and the nodes that do not conform to it.	
Describe how the proposed technology will be used to scale subscriber speeds and capacity over time to meet the evolving connectivity needs of households and businesses and assist in the development of the other advanced services.	

Hybrid Fiber-Coaxial Based Deployment	
☐ FCC Code 40: Hybrid fiber coaxial (HFC) DOCSIS 4.0	☐ FCC Code 40: Hybrid fiber coaxial (HFC) DOCSIS 3.1
Split Specification for Deployment	
☐ Mid Split (DOCSIS 3.1) ☐ High Split (DOCSIS 3.1, DOCSIS 4.0) ☐ Full Duplex (DOCSIS 4.0)	
Specify total estimated miles of buried coaxial cable plant to be deployed	\<Applicant to provide\>
Specify the maximum number of subscribers planned per service group	\<Applicant to provide\>
Specify Upstream capacity per service group (Mbps)	\<Applicant to provide\>
Specify Downstream capacity per service group (Mbps)	\<Applicant to provide\>
Specify number of service groups per CMTS	\<Applicant to provide\>

Hybrid Fiber-Coaxial Based Deployment	
Specify Backhaul capacity per CMTS Downstream (Mbps)	<Applicant to provide>
Specify Backhaul capacity per CMTS Upstream (Mbps)	<Applicant to provide>
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the Upstream traffic	<Applicant to provide>
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the Downstream traffic	<Applicant to provide>

Describe how the proposed technology will be used to scale subscriber speeds and capacity over time to meet the evolving connectivity needs of households and businesses, and other advanced services.

Provide the following deployment related mileage information:

Before HFC Node: Total Fiber Aerial Mileage:

Before HFC Node: Total Fiber Buried (Under Ground) Mileage:

Before HFC Node: Total (est.) Conduit Mileage (Note: This mileage should be included in the buried fiber plant mileage):

After HFC Node: Total Coax Aerial Mileage:

After HFC Node: Total Coax Buried (Under Ground) Mileage:

After HFC Node: Total (est.) Conduit Mileage (Note: This mileage should be included in the buried coax plant mileage):

Digital Subscriber Line (DSL) Based Deployment
☐ FCC Code 12: VDSL: Up to 230 Mbps download and 100 Mbps upload
☐ Profile 17a

Digital Subscriber Line (DSL) Based Deployment

☐ Profile 30a

☐ Profile 35b

☐ Profile other: _____

What is the maximum loop length you are planning to support? (feet)	<Applicant to provide>
Specify Upstream capacity per DSL port (Mbps)	<Applicant to provide>
Specify Downstream capacity per DSL port (Mbps)	<Applicant to provide>

Will you be using pair bonding?	☐ Yes	☐ No
Will you be using vectoring?	☐ Yes	☐ No

Specify Number of DSL ports per DSLAM (#)	<Applicant to provide>
Specify Backhaul capacity per DSLAM Downstream (Mbps)	<Applicant to provide>
Specify Backhaul capacity per DSLAM Upstream (Mbps)	<Applicant to provide>
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the Upstream traffic	<Applicant to provide>
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the Downstream traffic	<Applicant to provide>

Describe how the proposed technology will be used to scale subscriber speeds and capacity over time to meet the evolving connectivity needs of households and businesses, and other advanced services.

Provide the following deployment related mileage information:

Before remote DSLAM Node: Total Fiber Aerial Mileage:

Before remote DSLAM Node: Total Fiber Buried (Under Ground) Mileage:

Before remote DSLAM Node: Total (est.) Conduit Mileage (Note: This mileage should be included in the buried fiber plant mileage):

After DSLAM Node: Total Copper Aerial Mileage:

After DSLAM Node: Total Copper Buried (Under Ground) Mileage:

After DSLAM Node: Total (est.) Conduit Mileage (Note: This mileage should be included in the buried copper plant mileage):

Licensed Fixed Wireless Based Deployment	
□ FCC Code 71: Wireless using licensed spectrum 4	
For licensed wireless spectrum, list the spectrum bands licensed for your organization	<Applicant to provide>
Specify Downstream subscriber bandwidth capacity per sector (Mbps)	<Applicant to provide>
Specify Upstream subscriber bandwidth capacity per sector (Mbps)	<Applicant to provide>
Specify the maximum number of subscribers planned per sector	<Applicant to provide>
Specify the spectrum band(s) used in each Project Area / application. Additionally, list the Channel Width for the spectrum band(s)	<Applicant to provide>
Specify the Radiation Center and Azimuth of each sector(s) of the tower	<Applicant to provide>
Specify Backhaul link capacity Downstream per tower (Mbps). Additionally, specify whether the backhaul is fiber or wireless. If it is wireless, provide the frequency used and specify whether it is licensed or unlicensed	<Applicant to provide>
Specify Backhaul link capacity Upstream per tower (Mbps). Additionally, specify whether the backhaul is fiber or wireless. If it is wireless, provide the frequency used and specify whether it is licensed or unlicensed	<Applicant to provide>
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the Upstream traffic	<Applicant to provide>
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the Downstream traffic	<Applicant to provide>
Describe how the proposed technology will be used to scale subscriber speeds and capacity over time to meet the evolving connectivity needs of households and businesses, while also supporting the deployment of 5G, successor wireless technologies, and other advanced services.	
Specify the number of towers proposed to be deployed as part of the project	<Applicant to provide>
Specify the number of towers to be collocated	<Applicant to provide>
Specify the number of towers new build	<Applicant to provide>

Licensed Fixed Wireless Based Deployment

Provide a narrative on the number of towers proposed to be deployed indicating if it would be a new build or colocation deployment. Additionally, indicate whether these towers will be owned by your organization or if you are planning to lease these towers from another entity.

Unlicensed Fixed Wireless Based Deployment

☐ FCC Code 70: Wireless using unlicensed spectrum 2

For unlicensed wireless spectrum, list the spectrum bands for your organization	\<Applicant to provide\>
Specify Downstream subscriber bandwidth capacity per sector (Mbps)	\<Applicant to provide\>
Specify Upstream subscriber bandwidth capacity per sector (Mbps)	\<Applicant to provide\>
Specify the maximum number of subscribers planned per sector	\<Applicant to provide\>
Specify the spectrum band(s) used in each Project Area / application	\<Applicant to provide\>
Specify the Radiation Center and Azimuth of each sector(s) of the tower	\<Applicant to provide\>
Specify Backhaul link capacity Downstream per tower (Mbps). Specify whether the backhaul is fiber or wireless. If it wireless, provide the frequency used and specify whether it is licensed or unlicensed	\<Applicant to provide\>
Specify Backhaul link capacity Upstream per tower (Mbps). Specify whether the backhaul is fiber or wireless. If it wireless, provide the frequency used and specify whether it is licensed or unlicensed	\<Applicant to provide\>
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the Upstream traffic	\<Applicant to provide\>
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the Downstream traffic	\<Applicant to provide\>

Describe how your ULFWA network ensures reliable service in the presence of other interfering services using the same wireless spectrum.

Unlicensed Fixed Wireless Based Deployment	
Describe how the proposed technology will be used to scale subscriber speeds and capacity over time to meet the evolving connectivity needs of households and businesses, while also supporting the deployment of 5G, successor wireless technologies, and other advanced services.	
Specify the number of towers proposed to be deployed as part of the project	<Applicant to provide>
Specify the number of towers to be collocated	<Applicant to provide>
Specify the number of towers new build	<Applicant to provide>
Provide a narrative on the number of towers proposed to be deployed indicating if it would be a new build or colocation deployment. Additionally, indicate whether these towers will be owned by your organization or if you are planning to lease these towers from another entity.	

Low Earth Orbit (LEO) Satellite Based Deployment	
☐ Low Earth Orbit (LEO) Satellite Technology Deployment	
Specify Downlink subscriber bandwidth capacity of each satellite (Mbps)	<Applicant to provide>
Specify Uplink subscriber bandwidth capacity of each satellite (Mbps)	<Applicant to provide>
Specify maximum number of subscribers per satellite	<Applicant to provide>
Specify Backhaul link capacity Downlink per satellite (Mbps)	<Applicant to provide>
Specify Backhaul link capacity Uplink per satellite (Mbps)	<Applicant to provide>
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the upstream traffic	<Applicant to provide>
Specify the year-over-year per subscriber average data traffic growth (%) assumed for the downstream traffic	<Applicant to provide>
Describe how your LEO network ensures reliable service in the presence of other interfering services.	

Low Earth Orbit (LEO) Satellite Based Deployment
Describe how the proposed technology will be used to scale subscriber speeds and capacity over time to meet the evolving connectivity needs of households and businesses, while also supporting the deployment of 5G, successor wireless technologies, and other advanced services
Describe how your organization will help ensure that sufficient LEO satellite technology capacity will be available to provide broadband service to all proposed locations within four years of the subgrant award. In Attachment 2, provide information for the following metrics to help assess the service capability and commitments using LEO satellite technology. • **Satellite Deployment Schedule**: A detailed plan showing the number of satellites to be launched, their deployment timeline, and how these will contribute to coverage over time. • **Bandwidth and Throughput Capacity**: Data demonstrating the aggregate bandwidth capability of the satellite network and expected throughput per user in different service areas. • **Coverage Maps**: Projections detailing geographical areas that will be covered by the satellite constellation at various stages of deployment, ensuring consistent and reliable service. • **Latency and Reliability Measurements**: Benchmarks for expected latencies based on existing deployments and measures of fault tolerance or redundancy in the network. • **Infrastructure Readiness**: Assessment of ground infrastructure, including ground stations and user terminals, required to support service delivery and timelines for their deployment. **(Attachment 2 – LEO Capacity)**

2.4.3 Project Technology and Infrastructure – Non-priority Broadband Projects

Non-priority Broadband Projects	
Applicants can select from the proposed single or mixed technology options listed below that they plan to deploy for the proposed Project Area, as applicable.	
Hybrid Fiber-Coaxial Based Deployment	
☐ FCC Code 40: Hybrid fiber coaxial (HFC) DOCSIS 4.0	☐ FCC Code 40: Hybrid fiber coaxial (HFC) DOCSIS 3.1
Split Specification for Deployment	
☐ Mid Split (DOCSIS 3.1)	

☐ High Split (DOCSIS 3.1, DOCSIS 4.0)

☐ Full Duplex (DOCSIS 4.0)

Specify total estimated miles of buried coaxial cable plant to be deployed	<Applicant to provide>
Specify the maximum number of subscribers planned per service group	<Applicant to provide>
Specify Upstream capacity per service group (Mbps)	<Applicant to provide>
Specify Downstream capacity per service group (Mbps)	<Applicant to provide>

Provide the following deployment related mileage information:

Before HFC Node: Total Fiber Aerial Mileage:

Before HFC Node: Total Fiber Buried (Under Ground) Mileage:

Before HFC Node: Total (est.) Conduit Mileage (Note: This mileage should be included in the buried fiber plant mileage):

After HFC Node: Total Coax Aerial Mileage:

After HFC Node: Total Coax Buried (Under Ground) Mileage:

After HFC Node: Total (est.) Conduit Mileage (Note: This mileage should be included in the buried coax plant mileage):

Digital Subscriber Line (DSL) Based Deployment	

☐ FCC Code 12: VDSL: Up to 230 Mbps download and 100 Mbps upload

☐ Profile 17a

☐ Profile 30a

☐ Profile 35b

☐ Profile other: _____

What is the maximum loop length you are planning to support? (feet)	<Applicant to provide>
Specify Upstream capacity per DSL port (Mbps)	<Applicant to provide>
Specify Downstream capacity per DSL port (Mbps)	<Applicant to provide>

Specify the maximum number of subscribers planned per port	<Applicant to provide>

Provide the following deployment related mileage information:
Before remote DSLAM Node: Total Fiber Aerial Mileage:
Before remote DSLAM Node: Total Fiber Buried (Under Ground) Mileage:
Before remote DSLAM Node: Total (est.) Conduit Mileage (Note: This mileage should be included in the buried fiber plant mileage):
After DSLAM Node: Total Copper Aerial Mileage:
After DSLAM Node: Total Copper Buried (Under Ground) Mileage:
After DSLAM Node: Total (est.) Conduit Mileage (Note: This mileage should be included in the buried copper plant mileage):

Licensed Fixed Wireless Based Deployment	
☐ FCC Code 71: Wireless using licensed spectrum 4	
For licensed wireless spectrum, list the spectrum bands licensed for your organization	<Applicant to provide>
Specify Downstream subscriber bandwidth capacity per sector (Mbps)	<Applicant to provide>
Specify Upstream subscriber bandwidth capacity per sector (Mbps)	<Applicant to provide>
Specify the maximum number of subscribers planned per sector	<Applicant to provide>
Specify the spectrum band(s) used in each Project Area / application. Additionally, list the Channel Width for the spectrum band(s)	<Applicant to provide>
Specify the Radiation Center and Azimuth of each sector(s) of the tower	<Applicant to provide>
Specify the number of towers proposed to be deployed as part of the project	<Applicant to provide>
Specify the number of towers to be collocated	<Applicant to provide>

Licensed Fixed Wireless Based Deployment	
Specify the number of towers new build	\<Applicant to provide>
Provide a narrative on the number of towers proposed to be deployed indicating if it would be a new build or colocation deployment. Additionally, indicate whether these towers will be owned by your organization or if you are planning to lease these towers from another entity.	

Unlicensed Fixed Wireless Based Deployment	
☐ FCC Code 70: Wireless using unlicensed spectrum 2	
For unlicensed wireless spectrum, list the spectrum bands for your organization	\<Applicant to provide>
Specify Downstream subscriber bandwidth capacity per sector (Mbps)	\<Applicant to provide>
Specify Upstream subscriber bandwidth capacity per sector (Mbps)	\<Applicant to provide>
Specify the maximum number of subscribers planned per sector	\<Applicant to provide>
Specify the spectrum band(s) used in each Project Area / application	\<Applicant to provide>
Specify the Radiation Center and Azimuth of each sector(s) of the tower	\<Applicant to provide>
Describe how your ULFWA network ensures reliable service in the presence of other interfering services using the same wireless spectrum.	
Specify the number of towers proposed to be deployed as part of the project	\<Applicant to provide>
Specify the number of towers to be collocated	\<Applicant to provide>
Specify the number of towers new build	\<Applicant to provide>

Unlicensed Fixed Wireless Based Deployment
Provide a narrative on the number of towers proposed to be deployed indicating if it would be a new build or colocation deployment. Additionally, indicate whether these towers will be owned by your organization or if you are planning to lease these towers from another entity.

Low Earth Orbit (LEO) Satellite Based Deployment	
☐ Low Earth Orbit (LEO) Satellite Technology Deployment	
Specify Downlink subscriber bandwidth capacity of each satellite (Mbps)	\<Applicant to provide\>
Specify Uplink subscriber bandwidth capacity of each satellite (Mbps)	\<Applicant to provide\>
Specify maximum number of subscribers per satellite	\<Applicant to provide\>
Specify Backhaul link capacity Downlink per satellite (Mbps)	\<Applicant to provide\>
Specify Backhaul link capacity Uplink per satellite (Mbps)	\<Applicant to provide\>
Describe how your LEO network ensures reliable service in the presence of other interfering services.	
Describe how your organization will help ensure that sufficient LEO satellite technology capacity will be available to provide broadband service to all proposed locations within four years of the subgrant award.	

In Attachment 2, provide information for the following metrics to help assess the service capability and commitments using LEO satellite technology.

- **Satellite Deployment Schedule**: A detailed plan showing the number of satellites to be launched, their deployment timeline, and how these will contribute to coverage over time.

- **Bandwidth and Throughput Capacity**: Data demonstrating the aggregate bandwidth capability of the satellite network and expected throughput per user in different service areas.

- **Coverage Maps**: Projections detailing geographical areas that will be covered by the satellite constellation at various stages of deployment, ensuring consistent and reliable service.

Low Earth Orbit (LEO) Satellite Based Deployment
• **Latency and Reliability Measurements**: Benchmarks for expected latencies based on existing deployments and measures of fault tolerance or redundancy in the network.   • **Infrastructure Readiness**: Assessment of ground infrastructure, including ground stations and user terminals, required to support service delivery and timelines for their deployment.   **(Attachment 2 – LEO Capacity)**

2.4.4 Network Performance

Network Performance Roadmap						
Note: Peak Time is considered from 7 pm to 11 pm at subscriber location.						
Network Performance	2026	2028	2030	2032	2034	2036
Minimum peak time upstream data rate (Mbps)						
Minimum peak time downstream data rate (Mbps)						
Maximum peak time latency (ms)						

Network Upgrade Needs
Provide the details on the: • The supported per subscriber downstream usage (in Mbps) at 100% take rate at 100% concurrent usage by 2036, without any additional costs that are not included in the current proposal for network upgrades.   • The supported per subscriber upstream usage (in Mbps) at 100% take rate at 100% concurrent usage by 2036, without any additional costs that are not included in the current proposal for network upgrades.
Specify the starting per subscriber peak time data rates (in 2026) assumed in your capacity planning.   Average per subscriber peak time upstream data rate assumed in 2026 (Mbps)

Average per subscriber peak time downstream data rate assumed in 2026 (Mbps)		
Describe how your network will meet the growing subscriber bandwidth demand over the next 10 years.		
Do the proposed project costs include future upgrades?	Yes ☐	No ☐
If the proposed project costs do not include the future upgrade costs, provide a detailed explanation of the future upgrade costs along with a detailed cost estimation for the complete project deployment.		

2.4.5 Reliability and Resilience

Reliability and Resilience		
Technology Reliability and Resilience		
Describe the proposed risk management plans for ensuring the proposed technology infrastructure's reliability and resilience, including from natural disasters (e.g., wildfires, flooding, tornadoes, hurricanes, etc.). as applicable.		
Network Reliability		
Specify the minimum service availability (%) targeted for your subscribers? (% availability)	<Applicant to provide>	
Describe how your proposed network can provide reliable service during inclement weather (rain, snow, clouds, etc.) conditions.		
Describe how your proposed network can provide reliable service with other wireless services operating in the area?		
Network Outages		
Confirm that your organization will take appropriate measures to ensure that the network's outages do not exceed, on average, 48 hours over any 365-day period except in the case	Yes ☐	No ☐

of natural disasters or other force majeure occurrences.		

If no, provide an explanation as to why your organization is unable to meet this requirement.

Describe the network design and measures your organization is planning to take to address the requirement stated above. In the case of climate risks, provide details on the planned speeds of restoring service in case of the planned network outage.

Provide details of any other network resiliency measures that your organization plans to adopt.

2.5   Network Design

High-Level Network Design
Provide a high-level network design, showing a proposed network that will deliver broadband service meeting or exceeding the performance requirements to all locations served by the project.

(Attachment 3 – Network Design)

Applicants must submit the following information as applicable to the technology solution(s) they have proposed for the Project Area:

- GIS files of the Project Area's initial network design. After the provisional award of the subgrant, Applicants will also be required to submit GIS files of their final network design.

  - Maps including proposed network path layer in GIS format. The path layer should distinguish between aerial and underground to the extent possible. Acceptable file types include PDF, SHP, KMZ/KML types.

  - Location points, points containing network electronics and splitters, and polygons outlining all proposed service areas at a node-level.

  - Identification of backhaul infrastructure and point(s) of internet connectivity.

- If applicable, Applicants should show their existing fiber or cable network routes within and in close proximity to the Project Area defined by the applicant. Include any applicable information about these existing assets, such as fiber density, available capacity, year of deployment, etc.

- If the project involves laying fiber-optic cables or conduits underground or along a roadway network, the network design should show the inclusion of preliminary interspersed conduit access points at regular and short intervals.

- If the project involves a licensed and unlicensed fixed wireless application, the network design should demonstrate the planned deployment, capability, and sustainability of the proposed network. It should include a coverage map showing the geographical area the network will cover

and indicating specific locations of towers and base stations. Additionally, the network's architecture should be outlined, specifying core components such as the backhaul, transmission points, antenna and base station types, and connectivity to the main internet infrastructure.		
Confirm that the network design, diagram, project costs, build-out timeline and milestones for project implementation will be certified by a licensed professional engineer prior to signing the grant agreement.	Yes ☐	
Confirm if the Professional Engineer will be licensed in the State of Arizona.	Yes ☐	No ☐
If no, briefly explain if you intend to include the BEAD program waiver on Professional Engineer Certification. BEAD Program – Conditional Limited Programmatic Waiver and Clarification of Professional Engineer Certification		

2.6 National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA)

Provide a high-level description of the site and the surrounding area (e.g., developed land versus open space; adjacent natural resources; and any protected lands) and any natural or manmade geographic, physical, or other factors such as climate, historic sites, wildlife, etc., that may pose a risk to the development of the project including details related to flood zones from Federal Emergency Management Agency (FEMA) floodplain maps and impacted wetland or waterways from US Fish and Wildlife Service's (USFWS) National Wetlands Inventory wetland maps.
Provide detailed plans on how the project will be implemented including outlining the applicant's approach to remaining compliant with the State Historical Preservation Act (SHPA), National Environmental Policy Act (NEPA) (42 U.S.C. part 4321 et seq.), National Historic Preservation Act (NHPA) (54 U.S.C. part 300101 et seq.), and any other environmental or national historic preservation requirements. If the Applicant has a completed NEPA plan for this project, please upload it. **(Attachment 4 – NEPA Plan)** Additionally, recommend feasible plans to minimize adverse environmental and historical preservation impacts.

2.7 Make Ready / Project Preparedness

Make Ready
Describe the make-ready / project preparedness activities that your organization has already completed or has planned for the proposed project (e.g., surveyed site, signed agreements, obtained necessary

costs, prepared engineering designs, access to right of way, etc.). Include all prior activities, a complete description of the next steps for make-ready activity, and how project costs were estimated.

2.8 Timeline

Project Timeline – Deployment
Describe the project timeline, key milestones, and the number of months needed between the signing of the grant agreement and the delivery of service to the last eligible BSL included in the Project Area.

Project Schedule
For application evaluation purposes, provide a detailed project timeline with key implementation phases and milestones for 25%, 50%, 75%, and 100% completion for completing the project within the 4-year timeline. This may include stages such as contracting, engineering, pole licensing, make-ready, permitting, construction, connections, etc. Each milestone represents a specific stage of the project's completion and the availability of service to the percentage of eligible BSLs in the Project Area. The timeline should include a start date and expected end date for all phases. Project Schedule template can be found on the application portal. (**Attachment 5 – Project Schedule)**
Applicant can provide additional information related to the project schedule below.

Confirm that your organization will deploy the planned broadband network and begin providing services to each customer that desires broadband service within the Project Area not later than four (4) years after the date on which the subgrantee receives the subgrant from ACA.	Yes ☐	No ☐

2.9 Barrier and Permitting Requirements

The BEAD program requires Applicants to identify and detail all potential barriers and permits necessary for the deployment of broadband infrastructure. These may include critical land crossings and permits on local, state, tribal, and federal lands. Identify any known critical crossings/permits related to this project. Select all that apply from the list below as applicable:
State of Arizona Managed Lands
☐ Arizona Department of Transportation Managed Rights of Way (ROW) ☐ Arizona Department of Environmental Quality ☐ Arizona Department of Water Resources ☐ Arizona State Land Department

☐ Arizona State Parks and Trails

☐ Arizona Game and Fish Department

☐ Bridge and Railroads Tracks Crossings

☐ Drain Crossings

☐ Other Crossings (if selected – please explain) _____

Federal Government Managed Lands

☐ Department of Defense Managed Lands and Properties	☐ US Forest Service Managed Lands
☐ Other Federal Managed Lands	☐ Bureau of Land Management Managed Lands
☐ US Fish and Wildlife Managed Lands	☐ Bureau of Reclamation Managed Lands
☐ National Park Service Managed Lands	☐ Railroad Crossings

☐ Tribal Lands	☐ Wetland Crossings	☐ Significant Water Crossings

Tribal Nations Managed Lands

☐ Tribal Nations Managed Rights of Way

☐ Bridge Crossings

☐ Drain Crossings

☐ Other Crossings (if selected – please explain) _____

Local Government Managed Lands

☐ Local Government Managed Rights of Way

☐ Bridge Crossings

☐ Drain Crossings

☐ Other Crossings (if selected – please explain) _____

Other Crossings/Permitting

Provide details of any other crossings/permits not listed above.

Barrier Identification

Provide a description of the critical crossings/permits related to this project. Additionally, describe any steps or plans that your organization has undertaken with regards to the permitting processes for the identified critical crossings and/or permits.	
Provide a description of any concerns or issues with the critical crossings/permits related to this project.	
Provide a narrative on any supply chain issues and describe your plan to overcome them.	
Provide a narrative on any workforce related issues that could potentially delay the project deployment and describe your plan to overcome them.	
Provide a description of potential concerns/issues related to inclement weather that may impact the timeline of this project.	
Describe any other barriers or concerns that may impact the timeline of this project.	

2.10 Project Financials

Confirm that the Applicant will use grant funds as specified in the BEAD NOFO and Restructuring Policy Notice.	Yes ☐	No ☐

Letter of Credit (LOC)

Note: Please note that Applicants do not need to provide the actual Letter of Credit or the performance bond at the Pre-registration or Application phase. That will be required later in the process prior to final award, based on the actual amount to be awarded.

At this Project Application phase, an Applicant must submit a commitment to provide the Letter of Credit or performance bond, up to a specified dollar amount.

The commitment to provide a Letter of Credit must be a letter from an eligible bank or from a credit union that is insured by the FDIC and have a Weiss Bank Safety Rating of B- or higher, committing to

provide such a Letter of Credit if an award is made, including reference to the terms of the Model Letter of Credit and a maximum amount for the Letter of Credit that the institution would be willing to provide.

The commitment to provide a performance bond must be a letter from a company holding a certificate of authority as an acceptable surety on federal bonds, as identified in the Department of Treasury Circular 570 committing to issue a Performance Bond reflecting the maximum bonding value that the company is willing to provide.

The submission requirements and options for a commitment letter for an LOC or a surety letter for a performance bond to be provided by the Applicants as part of this Project Application are explained below:

☐ If opting for obtaining a bank LOC as per the BEAD NOFO and Restructuring Policy Notice, confirm that your organization will obtain and submit a Letter of Credit from a bank on a per project basis in the amount of 25% of the subaward prior to the signing the grant agreement.

If confirmed, submit a letter from a bank meeting the eligibility requirements consistent with those set forth in 47 C.F.R. § 54.804(c)(2) committing to issue an irrevocable standby letter of credit in a value of no less than 25 percent of the subaward amount. **(Attachment 6 – Commitment Letter for LOC)**

☐ Confirm that your organization will also submit an opinion letter from legal counsel clearly stating, subject only to customary assumptions, limitations, and qualifications, that in a proceeding under Title 11 of the United States Code, 11 U.S.C. § 101 et seq. (the "Bankruptcy Code"), the bankruptcy court would not treat the letter of credit or proceeds of the letter of credit as property of the winning Subgrantee's bankruptcy estate under Section 541 of the Bankruptcy Code prior to signing the grant agreement.

Provide any additional information below as necessary.

Letter of Credit Waiver Options

BEAD originally mandated that states require deployment subgrantee to obtain a Letter of Credit from an eligible bank valued at least 25% of an award's amount. However, the NTIA subsequently issued a Notice of Programmatic Waiver allowing states to ease this requirement. The Notice provided four different options for extending additional flexibility to subgrantees.

- Option # 1 - LOC from a Credit Union: Subgrantee may obtain the Letter of Credit from a credit union substantially similar to the model letter of credit established by the FCC in connection with the Rural Digital Opportunity Fund (RDOF). Subgrantees can use any United States credit union that:

  (a) is insured by the National Credit Union Administration; and

  (b) has a credit union safety rating issued by Weiss of B− or better

- Option # 2 - Performance Bond: Subgrantee may obtain a qualified performance bond instead of obtaining a Letter of Credit from a company holding a certificate of authority as an acceptable surety on federal bonds as identified in the Department of Treasury Circular 570 in a value of no less than 100 percent of the subaward amount.

- Option # 3 - Reduction of LOC/performance bond upon completion of project milestones: Subgrantee may step down the amount of the Letter of Credit or performance bond based on progress toward completion of project milestones.

- Option # 4 - Alternative initial 10% LOC or 10% Performance Bond: Subgrantee may obtain a Letter of Credit or performance bond for only 10% of the subaward amount if:

  o ACA issues funding on a reimbursable basis;

  o The reimbursement for periods of no more than six months; and

  o The subgrantee commits to maintain a letter of credit or performance bond in the amount of 10% of the subaward until it has demonstrated to satisfaction of ACA that it has completed the buildout of 100 percent of locations to be served by the project or until the period of performance of the subaward has ended, whichever occurs first.

ACA is adopting Options # 1, # 2, and # 4 for all technologies and Option # 3 as applicable to LEO Satellite technology as outlined in the BEAD Restructuring Policy Notice published on June 6, 2025 by NTIA.

Option # 1: Commitment Letter for Issuance of Letter of Credit from a Credit Union

☐ Confirm that your organization will obtain and submit a Letter of Credit on a per project basis in the amount of 25% of the subaward prior to the final award from a credit union.

☐ Confirm that the Letter of Credit from a credit union will be substantially similar to the model letter of credit established by the FCC in connection with the Rural Digital Opportunity Fund (RDOF) and will use any United States credit union that is insured by the National Credit Union Administration; and has a credit union safety rating issued by Weiss of B− or better.

If confirmed, submit a commitment letter from the credit union committing to issue an LOC to the subgrantee valued at no less than 25% of the subaward amount prior to signing the grant agreement. **(Attachment 6 – Commitment Letter for LOC)**

☐ Confirm that your organization will also submit an opinion letter from legal counsel clearly stating, subject only to customary assumptions, limitations, and qualifications, that in a proceeding under Title 11 of the United States Code, 11 U.S.C. § 101 et seq. (the "Bankruptcy Code"), the bankruptcy court would not treat the letter of credit or proceeds of the letter of credit as property of the winning Subgrantee's bankruptcy estate under Section 541 of the Bankruptcy Code prior to signing the grant agreement.

Provide any additional information below as necessary.

Option # 2: Surety Letter for Issuance of Performance Bond

☐ Confirm that your organization will provide a Performance Bond equal to 100% of the BEAD subaward amount in lieu of a Letter of Credit on a per project basis, acceptable in all respects to ACA prior to signing of the grant agreement.

☐ Confirm that Performance Bond will be issued by a company holding a certificate of authority as an acceptable surety on federal bonds, as identified in the Department of Treasury Circular 570.

If confirmed, submit a letter from an acceptable surety company committing to issue a Performance Bond to the prospective subgrantee. The letter must reflect the bonding amount equal to the total subaward **(Attachment 7 – Surety Letter for Performance Bond)**

Provide any additional information below as necessary.

Option # 3: Reduction of LOC/Performance Bond upon Completion of Milestones

☐ If proposing LEO Satellite technology, confirm that your organization commits to provide a certification of availability of service to each location in the Project Area for consideration to reduce its LOC or performance bond by 50%, ensure the subscription rate reaches at least 25% of all locations in the Project Area for reduction by an additional 25% of the original amount, and considered for close out once the subscription percentage reaches 50%.

If confirmed, submit a letter from a bank committing to issue an irrevocable standby Letter of Credit that meets the program eligibility requirements consistent with those set forth in 47 C.F.R. § 54.804(c)(2). This should be valued at no less than 25% of the subaward amount. **(Attachment 6 – Commitment letter for LOC)**; or

If confirmed, submit a letter from an acceptable surety company committing to issue Performance Bond to the prospective subgrantee. The letter must reflect bonding amount equal to at least 100% of the subaward for the project. **(Attachment 7 – Surety Letter for Performance Bond)**.

Provide any additional information below as necessary.

Option # 4: Alternative Initial LOC or Performance Bond

☐ Confirm that your organization commits to maintain a letter of credit or performance bond in the amount of 10% of the subaward until it has demonstrated to satisfaction of the ACA that it has completed the buildout of 100% of locations to be served by the project or until the period of performance of the subaward has ended, whichever occurs first.

If confirmed, submit a letter from a bank committing to issue an irrevocable standby Letter of Credit that meets the program eligibility requirements consistent with those set forth in 47 C.F.R. § 54.804(c)(2). This should be valued at no less than 10% of the subaward amount. **(Attachment 6 – Commitment letter for LOC)**; or

If confirmed, submit a letter from an acceptable surety company committing to issue Performance Bond to the prospective subgrantee. The letter must reflect bonding amount equal to at least 10% of the subaward for the project. **(Attachment 7 – Surety Letter for Performance Bond)**.

Provide any additional information below as necessary.

Project Match

Provide summary information about project funding sources in the table below. Arizona will regard all cash, loans, federal grants, and state grants as cash match.

Category	Total
Total Project Cost	$
Total Grant Amount Requested	$
Total Applicant Match Amount	$
Total Match Percentage (Must be Min. of 25% w/o waiver)	%

Matching Fund Details

Provide details of matching funds in the table below and submit evidence of the committed matching funds (e.g., letter from bank stating the loan amount) ACA will regard all cash, loans, federal grants, and state grants as cash match. **(Attachment 8 – Project Matching Funds)**

Match Sources Type	Amount	Secured (Yes / No)
Cash	$	Y/N
Loan(s)	$	Y/N

Federal Grant	$	Y/N
In-Kind	$	Y/N

Matching Waiver Request (Conditional)		
Do you propose to serve high-cost locations in your application?	Yes ☐	No ☐
Is your organization planning to apply for a match waiver?	Yes ☐	No ☐

Provide a description of the special circumstances underlying the reason it is not feasible to provide the minimum match requirement of 25% of the project cost. Document any efforts made to obtain matching fund commitments for the project from capital funding sources and explain how a waiver would serve the public interest and advance the goals of the BEAD Program. Note that match waivers are not guaranteed, and the ACA may request additional information to assist in making its determination.

Project Cost Estimation

Applicants are required to provide the following project cost details to serve proposed eligible BSLs and CAIs in the Project Area for the technology solution(s) they are proposing for in the Project Financials Workbook: **(Attachment 9 – Project Financials Workbook)** separately for priority and non-priority project tabs.

Note: The Total Project Cost estimation and the Project Financials Summary Output in the workbook should include the combined estimation for all proposed Priority BSLs and/or Non-Priority BSLs and CAIs to be served in the Project Application for the selected Project Area.

If an Applicant decides to propose both Priority and Non-Priority BSLs for the same Project Area, the Applicant is required to complete the combined "Cost Estimation" tab for the Project Area followed by BSLs level information in the relevant tabs for "Priority BSLs" and "Non-Priority BSLs" in the workbook.

Technology Deployment - BSLs

Please provide the proposed number of BSLs, the average cost to serve per BSL, and the total cost to serve the selected BSLs in the Project Areas for the list of proposed technologies.

Number of BSLs to be Served with the proposed technology	Technology Type	Average cost to Serve per BSL	Total Cost to Serve the Proposed BSLs for selected technology
	<Dropdown List>	$	$
	<Dropdown List>	$	$

	<Dropdown List>	$	$
Total Project Cost to serve proposed unserved and underserved BSLs in the Project Area			

Technology Deployment - CAIs

If proposing to serve CAIs, please provide the number of CAIs, the average cost to server per CAI, and the total cost to serve the proposed CAIs with fiber technology for priority projects.

Number of CAIs to be Served	Technology Type	Average cost to Serve per CAI with Fiber Technology	Total Cost to Serve the Proposed CAIs with Fiber Technology
	Fiber Based Deployment <Dropdown options>	$	$
Total Project Cost to serve proposed BSLs and CAIs in the Project Area.			

Excluded Locations

If you plan to exclude select BSLs from the Project Area in your application, please provide the number of BSLs and the locations IDs for those locations.

Number of BSLs	
Location IDs	

☐ Confirm that the project cost information presented in the Project Financials Workbook is accurate for the Project Area. Note that ACA requires that the project cost provided should include all costs, and that the project cost should not be subject to any conditions. You can provide any additional information, as necessary, below.

Project Financials Workbook (Detailed information intake)

Populate and upload the Project Financials excel workbook, which can be found in on the application portal and will include detailed information covering: (**Attachment 9 – Project Financials Workbook)**

- High-level project budget information
- Capital costs

- Operating costs
- Project Technology and Infrastructure details
- Breakdown of number of BSLs proposed to be served and cost to serve by technology type
- List of CAIs, proposed technologies, and cost to serve
- Details on funding sources and matching
- Capital investment schedule
  - Demonstrates that the Applicant will achieve complete build-out and service initiation within four years of the final award
- Project pro forma financials and cashflow
  - The duration should be for not less than a 10-year period, or the length of any expected debt or capital leases, whichever is longer.
  - Identify any periods during which the project is expected to have a net operating revenue loss and identify the expected source of funds to cover such losses.
  - Demonstrate the availability of funds to cover all project costs exceeding the grant amount, along with the ongoing financial capacity to meet eligible project expenses.
  - Include the following:
    - Revenue & Operating Expenses
    - Net Operating Revenue
    - Net Income
    - Unlevered and Levered Free Cash Flows
    - Other Capital Sources
    - Net Cash

Provide a budget narrative that explains the assumptions used in the pro forma and any expected financial challenges.

Provide any additional related analyses that establish the sustainability of the proposed project.

2.11 Fair Labor and Employment Laws

Fair Labor and Employment Laws

Provide the following information related to fair labor practices and highly skilled workforce. It is important to note that these questions may have already been answered during the preregistration phase. If not already answered at the preregistration phase, then these questions must be answered as part of the current Project Application phase.

If not submitted during the preregistration phase, certify your organization's compliance with federal labor and employment laws. Submit a signed certificate of compliance with federal and State labor and employment laws for the past three years by an Officer/Director-level employee of the entity (e.g.,

President, Chief Executive Officer, Chief Financial Officer, Treasurer, or equivalent position). It should also certify that that the Applicant will plan to comply with applicable federal and State labor and employment laws for BEAD-funded projects.

If a new provider, the Applicant must commit to robust labor and employment standards and protections, including compliance with federal labor and employment laws for BEAD-funded Projects.

(Attachment 10 – Certification on Fair Labor and Employment Laws)

Disclose any non-compliance with federal and State labor and employment laws by your organization over the past three years. This record should also describe the corrective steps taken to avoid similar incidents and ensure future compliance.	
Certify that the Applicant has disclosed any instances in which it has been found to have violated laws such as the Occupational Safety and Health Act, the Fair Labor Standards Act, or any other applicable labor and employment laws for the preceding three years.	☐

2.12 Local Community Collaboration

Local Community Consultation		
As per the state statute - 41-2702 on "Solicitation and award of grant applications", confirm that your organization has consulted with Local government entities and Tribal Authorities regarding your qualifications and plans within the Project Area.	Yes ☐	No ☐
Confirm that your organization received a letter of consent/ collaboration from Local and Tribal Governments.	Yes ☐	No ☐
If yes, please submit the letter of consent/collaboration. **(Attachment 11 – Letter of Consent/Collaboration)**		
If no, confirm that your organization will receive a letter of consent/collaboration from Local and Tribal Governments prior to signing the grant agreement.	Yes ☐	No ☐

2.13 Low-cost Service Option

Provide details of the low cost service option for the 100/20 Mbps service and latency performance of no more than 100 milliseconds in the Project Area for the performance period as defined under the NTIA BEAD Restructuring Policy Notice published on June 6th, 2025 after Project completion. The price must include all recurring charges to subscribers, including all taxes, fees, and charges imposed on the subscriber, and detail all non-recurring fees.

Minimum Speed	Monthly Cost	Non-recurring Fees
100 Mbps/20 Mbps	$	

Low-Cost Broadband Service Option	
Confirm that at least one low-cost broadband service option will be provided for the entire service territory of the proposed project.	☐
Confirm that the applicants that already offer a low-cost plan that meets the mentioned service requirements may propose to offer their existing low-cost plan to eligible subscribers, if applicable.	☐
Confirm that the applicant will ensure that eligible subscribers applying for the low-cost service option are households eligible for the FCC's Lifeline Program.(47 C.F.R. Part 54, Subpart E et seq. - Universal Service Support for Low-Income Consumers).	☐
Confirm that end users are allowed to apply the Lifeline subsidy to the service price.	☐
Confirm that prospective consumers will be informed of the existence of the Lifeline program benefits and the process of enrollment and application for the subsidies.	☐
Describe or upload details of an existing or proposed low-cost broadband service plan. The details should explain subscriber qualifications, speed, latency, cost, and any available subsidies for subscribers. **(Attachment 12 – Low-Cost Service Plan)**	

Service Characteristics Requirements	
Confirm that the service will consistently and reliably provide download speeds of at least 100 Mbps and upload speeds of at least 20 Mbps.	Yes ☐
Confirm that the service will provide typical latency measurements of no more than 100 milliseconds.	☐
Confirm that the service is not subject to data caps, surcharges, or usage-based throttling, and adheres only to the same acceptable use policies that apply to all other broadband internet access service plans offered to home subscribers.	☐
Confirm that the service will be installed within 10 calendar days of a service request once the network is operational.	☐

Ability to Upgrade		
Confirm that, in the event your organization later offers a low-cost plan with higher downstream and/or upstream speeds, you will allow eligible subscribers who are already subscribed to a low-cost broadband service option to upgrade to the new low-cost offering at no cost.	Yes ☐	No ☐
If yes, provide details of the plans to upgrade the low-cost broadband service option.		

2.14 Cybersecurity Compliance and Supply Chain Risk Management Compliance

2.14.1 Cybersecurity Risk Management Compliance		
Have you submitted a cybersecurity risk management plan as part of the Pre-registration Application?	Yes ☐	No ☐
If not submitted during the preregistration phase or if further updates have been made to the plan submitted during the preregistration phase, upload your organization's latest updated cybersecurity risk management plan. **(Attachment 13 – Cyber Security Risk Management Plan)**		
Confirm that a cybersecurity risk management plan is operational if your organization is already providing services prior to the grant award.	Yes ☐	No ☐
In case of not yet providing service prior to the grant award, confirm that your organization demonstrates a readiness to operationalize the cybersecurity risk management plan upon providing service after the grant award.	☐	
Certify that your organization's cybersecurity risk management plan is based on the latest available version of the National Institute of Standards and Technology (NIST) Framework for Improving Critical Infrastructure Cybersecurity, which is currently Version 2.0	☐	
Certify that your organization adheres to the standards and controls outlined in Executive Order 14028 and specifies the particular security and privacy controls being implemented.	☐	
Confirm that the cybersecurity risk management plan will be subject to periodic reevaluation and updating, as well as changes in response to significant events.	☐	
Confirm that if any substantive changes are made to the plan, a new version will be submitted within 30 days	☐	

2.14.2 Supply Chain Risk Management Compliance		
Have you submitted a supply chain risk management plan as part of the Pre-registration Application?	Yes ☐	No ☐
If not submitted during the preregistration phase or if further updates have been made to the plan submitted during the preregistration phase, upload your organization's supply chain risk management plan. **(Attachment 14 – Supply Chain Risk Management Plan)**		
Confirm that a supply chain risk management plan is operational if your organization is already providing service prior to the grant award.	Yes ☐	No ☐
In case of not yet providing service, your organization demonstrates a readiness to operationalize the supply chain risk management plan upon providing service after the grant is awarded.	☐	
Certify that your organization's supply chain risk management plan is based on the best practices outlined in NIST publication NISTIR 8276, Key Practices in Cyber Supply Chain Risk Management: Observations from Industry. Additionally, the supply chain risk management plan will also reference relevant guidance from NIST, such as NIST 800-161, Cybersecurity Supply Chain Risk Management Practices for Systems and Organizations and will specify the supply chain risk management controls being implemented.	☐	
Confirm that the supply chain risk management plan will be subject to periodic reevaluation and updating, as well as appropriately revised in response to significant events.	☐	
Confirm that if any substantive changes are made to the plan, a new version will be submitted within 30 days	☐	

2.15 Certifications

By submitting this Project Application, your organization confirms compliance with the following:		
Acknowledge that your grant application creates a binding obligation if accepted by ACA and cannot be withdrawn once submitted until ACA announces the conclusion of BEAD award process.	Yes ☐	No ☐

Certify that your organization can and will commit to the grant application and that, if granted a grant award, any inconsistency or failure to follow-through on application details shall be considered a violation of the grant agreement and subject to claw-back of funds, at the discretion of ACA.	Yes ☐	No ☐
Certify that your organization will adhere to prohibited communications rules as defined by the FCC until ACA announces final awards at the end of the BEAD award process.	Yes ☐	No ☐
Certifies that neither the applicant nor any of its principals: (i) are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this program by any Federal, State, or Local department or agency; and (ii) have not, within a three-year period preceding this certification, been convicted of or had a civil judgment for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public contract or grant, nor are presently indicted for such offenses.	Yes ☐	No ☐
Confirm an agreement to comply with the BEAD requirements, including a non-collusion affidavit that the prices quoted in your applications have been independently determined, and that there has been no collusion with competing prospective contractor(s).	Yes ☐	No ☐
Certify that your organization will engage in fair, equal and equitable business practices such as grant application safeguards against collusion, bias, conflicts of interest, arbitrary decisions, and other factors that could undermine confidence in the public process.	Yes ☐	No ☐
Confirm that your organization understands that the grant may be implemented on a cost reimbursement basis for actual costs incurred, consistent with Section IV.C.1.b of the NOFO, with reimbursement periods of no more than six (6) months.	Yes ☐	No ☐
Confirm that your organization understands that an amount equivalent to 10 percent (10%) of the amount shown to be due on each payment request will be withheld until the project has been completed, and a final closeout review has been performed.	Yes ☐	No ☐
Confirm that your organization will submit timely quarterly progress reports, commit to the details of your grant application, submit to technical reviews and financial audits, and uphold the grant agreement if awarded and signed.	Yes ☐	No ☐
Acknowledge that all requested certifications asked throughout the applications are not exhaustive.	Yes ☐	No ☐

Certify your organization will comply with the Infrastructure Investment and Jobs Act which explicitly prohibits subgrantees from using BEAD funding to purchase or support fiber-optic cable and optical transmission equipment manufactured in the People's Republic of China unless a waiver is granted by the Assistant Secretary.	Yes ☐	No ☐
If no, provide details of the waiver the applicant is planning to apply.		
Confirm that the project will serve every Unserved and Underserved location proposed within each Project Area in your Project Application.	Yes ☐	No ☐
Certify your organization will comply with the National Environmental Policy Act (NEPA) (42 U.S.C. §§ 4321 et seq.) and National Historic Preservation Act (NHPA) (54 U.S.C. §§300101 et seq.) and any other environmental or national historic preservation requirements.	Yes ☐	No ☐
Certify that your organization understands that NEPA analysis will be required for every project funded through the BEAD Program and agrees to provide sufficient information to allow for NEPA analysis such as a detailed project description, including applicable supporting documentation.	Yes ☐	No ☐
Certify that your organization acknowledges the significance of minimizing the environmental and historic preservation impacts associated with construction in sensitive areas and will ensure that projects and eligible activities will be designed to minimize potential adverse impacts on the environment.	Yes ☐	No ☐
Certify your organization will coordinate with other state offices experienced in administering federal grants and identifying subcontractors for environmental assessments (e.g., U.S. Army Corps of Engineers (USACE), U.S. Forest Service (USFS), and State or Local Historic Preservation Offices).	Yes ☐	No ☐
Certify that your organization is aware that should further details be needed post-application approval for funding, ACA/NTIA reserves the right to retain funds under a specific award condition until the awardee provides the requisite additional information pertaining to environmental compliance.	Yes ☐	No ☐
Certify the capability to complete and operate this grant project, and that the information provided is true and accurate to the best of the Applicant's knowledge.	Yes ☐	No ☐

Certify that an Arizona licensed professional engineer will approve, stamp and certify the final design, diagrams, project costs estimate, and other technical aspects of the project and will provide the necessary verification post award.	Yes ☐	No ☐
Certify that your organization is aware of, and will comply with, any and all federal, state and local government regulations and licensing requirements in performance of any Grant they are seeking to be awarded through the Arizona BEAD Program.	Yes ☐	No ☐
Certify that your organization will comply with all federal, state and local laws, including but not limited to laws related to taxation, licensing, labor law, safety and environmental guidelines.	Yes ☐	No ☐
Certify that you have read and will adhere both the ACA Procurement and Grant Compliance policy and the ACA Uniform Terms and Conditions (additional information can be found on ACA website www.azcommerce.com/about-us/aca-policies/)	Yes ☐	No ☐
Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment:		
All funds made available through the BEAD Program for broadband infrastructure must comply with the prohibition on certain telecommunications and video surveillance services or equipment (2 C.F.R 200.216). This regulation prohibits federal funds from being used to purchase or install telecommunications and video surveillance equipment, services or systems produced from prohibited companies and/or their subsidiaries. In addition, for public safety installations, there is an extended list of vendors and requirements listed in the National Defense Authorization Act (Public Law No. 115-232, Section 889) which is the source legislation for this condition.	Yes ☐	No ☐
Certify your organization will not procure, obtain, extend or renew a contract to procure or obtain or enter into a contract to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law No. 115-232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).	Yes ☐	No ☐
Understand that telecommunications or video surveillance services provided by such entities or using such equipment is prohibited.	Yes ☐	No ☐
Understand that for the purposes of public safety, security of government facilities, physical security surveillance of critical	Yes ☐	No ☐

infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities) is also prohibited.		
Understand that telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country is prohibited.	Yes ☐	No ☐
Understand that if any equipment is installed on a federally funded project, your organization will bear the sole responsibility and cost of removing the prohibited equipment and replacing it with equipment acceptable to the State and Federal government.	Yes ☐	No ☐
By signing this Project Application, certify to the best of your knowledge and belief that the Project Application is true, complete, and accurate, and the designs, costs and project plans are for the purposes and objectives set forth in the terms and conditions of the Federal award. You are aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject you to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise.	Yes ☐	No ☐

3 Appendix – Required Attachments

Applicants shall include the following documents as attachments. Failure to provide any of these documents may result in an incomplete Project Application. Feel free to include additional attachments that offer relevant information regarding your service area, network, business model, and organization to enhance or complete your Project Application. Applicant to provide separate attachment for each Project Area included in the Project Application.

Attachment	Purpose
Attachment 1	Project Executive Summary
Attachment 2	Low Earth Orbit Satellite Capacity
Attachment 3	High-Level Network Design
Attachment 4	NEPA Plan
Attachment 5	Project Schedule
Attachment 6	Commitment Letter for LOC
Attachment 7	Surety Letter for Performance Bond
Attachment 8	Project Matching Funds
Attachment 9	Project Financials Workbook
Attachment 10	Certification on Fair Labor and Employment Laws
Attachment 11	Letter of Consent/Collaboration from Local Governments/Tribal Authorities
Attachment 12	Low-Cost Service Plan
Attachment 13	Cybersecurity Risk Management Plan
Attachment 14	Supply Chain Risk Management Plan