

Arizona Commerce Authority – BEAD Program

Technology Solutions Clarification: The Project Application includes two categories:

Part A: 100% Fiber based deployment

- A1: 100% Fiber based deployment, including CAIs and Outliers
- A2: 100% Fiber based deployment, Including CAIs but excluding Outliers

Part B: Mixed Technology - Fiber, reliable and alternative technologies deployment.

- Fiber
- Reliable – HFC technology and Licensed Fixed Wireless
- Alternative Technologies - Unlicensed Fixed Wireless and LEO

While Applicants can provide Part A1, A2 and/or Part B, Applicants are encouraged to provide their solutions for all Parts A1, A2 and B.

- For Section 4. Project Infrastructure and technology. Applicants will be required to provide details on the portal for A1, A2 and/or Part B for the selected technology solution.
- For Section 12. Project Financials, Applicants will be required to provide the requested information for Part A1, A2 and/or Part B.

While providing Project Cost estimation on the portal and in the Financial Workbook template (Part A - 8A and Part B - 8B), Applicants will be required to provide:

Part A: Project Cost for 100% Fiber based deployment

- Average cost to serve per location using fiber technology for all non-Outlier unserved and underserved BSLs
- Average cost to serve per proposed CAI using fiber technology.
- If identified, number of Outliers and the average cost to serve each Outlier using fiber technology

The total project cost for A1- Total cost including CAIs and Outliers and A2 – Total cost including CAIs but excluding Outliers will be auto calculated on the portal based on Applicant's estimates.

Part B: Project Cost for Fiber, reliable and alternative technologies

- Select number of BSLs and average cost to serve per BSL for fiber only BSLs and CAIs
- Select number of BSLs and average cost to serve per BSL with a reliable or alternative technology.
- If Outliers are identified, provide number of outliers and the average cost to serve per High-Cost BSL / Outlier with a reliable/ alternative technology

The total project cost for fiber, reliable, and alternative technologies for the Project Area will be auto calculated on the portal based on Applicant's estimates.

Note: Applicants are required to provide the cost estimation to serve Outliers only if identified that the cost to serve a location using an end-to-end fiber solution is higher than a 1.5x multiple of the average cost to serve for the rest of the BSLs in the selected Project Area. Applicants can include those Outlier locations that are operationally and financially viable to serve as part of their applications. Applicants are encouraged to provide details for A1, A2 and/or B for serving these Outliers via fiber-to-the-home (FTTH) under category A or with a reliable/alternative technology under category B. This will give ACA comprehensive information to evaluate and prioritize project applications that offer the most technically feasible and cost-effective solutions.