

Guam Department of Education
R372A230017

Project Title: Guam One Stop Data Village (GOSDV) Early Childhood Health and Outcomes in Education to Workforce (ECHOES) B-20W

Project Description: The Guam Department of Education (GDOE) operating Guam One Stop Data Village (GOSDV) is requesting \$3.75 million from the U.S. Department of Education to support the infrastructure and interoperability of Birth to 5 and workforce data within the GOSDV P-20 system. The current P20 system is from the FY19 grant and is in collaboration with the University of Guam and the Guam Community College. The proposed system dubbed as the GOSDV Early Childhood Health and Outcomes in Education to Workforce (ECHOES) “B-20W” system will expand the P-20 existing system to incorporate the Birth to age 5 data from the Preschool Development program of the Guam Department of Public Health and Social Services (DPHSS) and Head Start and workforce data from the Guam Department of Labor (GDOL).

The Guam Early Childhood Care and Education (ECCE) System Needs Assessment conducted in 2021 revealed the lack of comprehensive interoperable early childhood data system which resulted in gaps and negative outcomes, such as (a) a significant proportion of children who are in or needing foster care are not able to avail of urgent health and education services, (b) difficulty in detecting duplication of services provided to target populations, (c) inequity and disproportionality exist in the provision of early childhood services, and (d) lack of accessibility to services for vulnerable young children who come from low income, economically disadvantaged families, have low student achievement, have developmental delays and/or disabilities, who speak a language other than English, or who are at risk of poor outcomes.

Additionally, Guam recognizes that the current P20 infrastructure is incomplete without the workforce data, limiting the ability to address long-term outcomes that involve career issues. The Guam Department of Labor (DOL) does not have the Unemployment Insurance program, but recognizes that workforce data will enable Guam to tackle issues that could be effectively addressed by longitudinal education to workforce data. Absent the unemployment insurance data, Guam proposes to create a “new hire state directory” to generate longitudinal reports that can inform evidence-based policies and interventions for the benefit of Guam citizens.

The Guam B-20W project seeks to accomplish the following goals over forty-eight (48) months:

- GOAL 1: E -Expand the GOSDV infrastructure by including the Birth to Five ChildLink data and workforce data from the Guam Department of Labor, thus building a B-20W data system
- GOAL 2:C -Conduct onboarding of new members from the early learning and workforce agencies who are formally appointed by their respective chief executive officers to the GOSDV
- GOAL 3:H -Human capital capacity building for the sustainability of the infrastructure and system, through the appropriate T.I.E.R (Train-Involve-Evaluate-Repeat)
- GOAL 4: O -Optimize federal and local reporting requirements produced by the B-20W system through alignment with the CEDS and using the Generate program for ED*Facts* reports
- GOAL 5: E -Enterprise-wide culture of data literacy across relevant stakeholders
- GOAL 6:S -Sustain Guam’s B20W system infrastructure, maintenance, and long-term use through a comprehensive Sustainability Strategies Program.

The activities proposed in this grant application align with the needs of the Guam Education Board for a reporting platform to monitor the State Strategic Plan and a data system that can provide answers to education and workforce questions that have never been addressed before.