

Puerto Rico

Department of Education of Puerto Rico
R372A120006

Project Title: *Puerto Rico K-12 Statewide Longitudinal Data System Initiative*

Project Description: The Government of Puerto Rico has chartered the Puerto Rico Department of Education (PRDE) with the mission of heading the *Puerto Rico K-12 Statewide Longitudinal Data System Initiative*. This critical project spans the design, development and implementation of a K-12 Statewide Longitudinal Data System (SLDS), with the ultimate objective of enhancing education policy and operational decisions with hard data pertaining to student achievement over time. It also aims to establish the necessary organizational, political, procedural, systemic and human resource mechanisms necessary to perpetuate its use by education stakeholders at all levels.

As established by the Institute of Education Sciences in its *Request for Applications* number NCES 12-01 (CFDA 84.372), the proposal presented herein focuses exclusively on those project activities related to Priority 1 (K-12 Data System). The systemic capability objectives of the proposed project are the following:

- To effectively implement the K-12 portion of what shall be Puerto Rico's full-fledged statewide longitudinal data system
- To establish and perpetuate an effective K-12 data governance and quality function that shall proactively guarantee information reliability
- To uniformly instill an information-based education performance management culture among those stakeholders vested with said responsibility

To address these systemic capability objectives, PRDE will follow a strategy leveraging on the solid transactional systems infrastructure that it already has in place, furthering the development of its existing data warehouse to receive all of the necessary data in order to produce the desired information, and constituting an *Educational Performance Information Portal* for use by its stakeholders. Thus, the related project activities are in the areas of SLDS output definition, infrastructure acquisition and installation, systems design and development, and data governance organization establishment, along with the required implementation, change management and project management events. This effort shall yield the following project deliverables:

- Constitute the PRDE *Educational Performance Information Portal*
- Integrate transactional systems functionality and K-12 SLDS architecture
- Establish a renewed data governance and quality model

Some activities related to the first project deliverable are already in progress, as the *Educational Performance Barometer* (a standard set of reports aimed at identifying trends in educational outcomes at all levels, from individual classrooms to the SEA as a whole, further expanded upon in Appendix A) is currently being conceived. Overall, the project is expected to transgress over a period of approximately 33 months, and cost \$4,737,680.
