

## **Project Abstract**

**(1) Project Title:** Colorado RISE<sup>2</sup> (Relevant Information to Strengthen Education) Project

**(2) Priorities for Which Funding is Requested:** Evaluation & Research and Early Learning

**(3a) Name of the Responsible State Agency:** Colorado Department of Education (CDE);

**(3b) Multi-State Collaborative Participating States with Shared Priorities:** Delaware, Oklahoma, Nebraska, and Wisconsin.

**(4) Project Description:** The Colorado RISE<sup>2</sup> Project builds on the strong foundation of successful 2007 and 2009 SLDS grants to Colorado that expanded and refined the SLDS technology infrastructure, including the adoption of numerous policies and procedures regarding Data Governance, data security and privacy. The activities proposed in this application focus on building capacity in systems, organizations and individuals to use data already collected, per state and federal law for the purpose of advancing student success, while further enhancing the state's Data Governance and privacy infrastructure. More specifically, CDE will formalize a range of processes driven by new privacy, analytic, visualization and management tools that are supported by robust technical support and training (Evaluation and Research Priority). Activities will include the application of use cases for these processes and tools related to Early Learning. By facilitating the use of data to better understand the impact of policies and practices on student success based on locally-defined needs, this project will help local and state leaders allocate public funds wisely and administer public programs efficiently and effectively. CDE will be participating in a Multi-State Technology Collaborative for the duration of the grant. Along with nine other states, CDE has agreed to participate in a reciprocal process for mutual review of products and services in the same two categories for which Colorado has applied for SLDS funds. This collaboration is expected to improve processes, facilitate shared findings and maximize the use of federal SLDS expenditures.

**(5) Expected Project Outcomes:**

***Outcome 1: Enhancing Data Governance through a new Data Management & Oversight System***

The system will integrate all types of requests via a single platform that will allow CDE to both monitor work and address a range of resource capacity needs. Initial web-based display screen(s) will show a range of available data options. The web portal will also facilitate aggregate and de-identified data requests and generate a running record that will be maintained. A secured entry portal will be available for requestors to download approved information. Technical infrastructure related to data privacy will be enhanced.

***Outcome 2: Creating a Customized Business Intelligence Visualization Tool***

The tool will customize high impact displays of information that allow for programmatic and policy monitoring of data that corresponds with identified strategic/stakeholder priorities.

***Outcome 3: Institutional Integration and Support***

This outcome focuses on ensuring CDE staff are able to appropriately use the developed tools and also providing robust support and training tools and materials for use by LEAs, partner agencies, and other stakeholders related to their use of SLDS data, the data request process, the visualization tool, and other critical skills associated with the appropriate use of data in evaluative capacities.

***Outcome 4: A Use Case: Answering Critical Early Learning Questions***

Analysis of critical Early Learning questions will serve as a use case for testing the system outcomes of Data Management & Oversight System, Business Intelligence Visualization Tool and Institutional Integration and Support.