

U.S. Department of Education

Washington, D.C. 20202-5335



APPLICATION FOR GRANTS UNDER THE

**STATEWIDE LONGITUDINAL DATA SYSTEM RECOVERY ACT GRANTS
CFDA # 84.384A
PR/Award # R384A100046**

Closing Date: DEC 04, 2009

****Table of Contents****

Forms

| | |
|--|-----|
| 1. Application for Federal Assistance (SF-424) | e1 |
| 2. Standard Budget Sheet (ED 524) | e5 |
| 3. SF 424B - Assurances Non-Construction Programs | e7 |
| 4. Disclosure of Lobbying Activities | e9 |
| 5. ED 80-0013 Certification | e10 |
| 6. Dept of Education Supplemental Information for SF-424 | e11 |

Narratives

| | |
|---|------|
| 1. Project Narrative - (Project Narrative - Project Abstract...) | e12 |
| Project Abstract | e13 |
| 2. Project Narrative - (Project Narrative - Project Narrative...) | e14 |
| Project Narrative | e15 |
| 3. Project Narrative - (Project Narrative - Appendix A, Optional Attach.....) | e42 |
| Appendix A Optional Attachments | e43 |
| 4. Project Narrative - (Project Narrative - Appendix B Resumes of Key P.....) | e48 |
| Appendix B Resumes | e49 |
| 5. Project Narrative - (Project Narrative - Appendix C Current Status o.....) | e106 |
| Appendix C | e107 |
| 6. Project Narrative - (Project Narrative - Appendix D Letters of Support...) | e111 |
| Appendix D Letters of Support | e112 |
| 7. Budget Narrative - (Budget Narrative - Budget Justification...) | e123 |
| Budget Narrative | e124 |
| 8. Budget Narrative - (Budget Narrative - ED 524 Section C Spreadsheet...) | e136 |
| ED 524 | e137 |

This application was generated using the PDF functionality. The PDF functionality automatically numbers the pages in this application. Some pages/sections of this application may contain 2 sets of page numbers, one set created by the applicant and the other set created by e-Application's PDF functionality. Page numbers created by the e-Application PDF functionality will be preceded by the letter e (for example, e1, e2, e3, etc.).

Application for Federal Assistance SF-424

Version 02

| | | |
|--|---|-------------------|
| * 1. Type of Submission | * 2. Type of Application:* If Revision, select appropriate letter(s): | |
| <input type="checkbox"/> Preapplication | <input checked="" type="checkbox"/> New | |
| <input checked="" type="checkbox"/> Application | <input type="checkbox"/> Continuation | * Other (Specify) |
| <input type="checkbox"/> Changed/Corrected Application | <input type="checkbox"/> Revision | |

| | |
|---------------------|--------------------------|
| * 3. Date Received: | 4. Applicant Identifier: |
| 12/4/2009 | |

| | |
|--------------------------------|---------------------------------|
| 5a. Federal Entity Identifier: | * 5b. Federal Award Identifier: |
| | NA |

State Use Only:

| | |
|----------------------------|----------------------------------|
| 6. Date Received by State: | 7. State Application Identifier: |
| | |

8. APPLICANT INFORMATION:

* a. Legal Name: Idaho State Board of Education

| | |
|---|---------------------------|
| * b. Employer/Taxpayer Identification Number (EIN/TIN): | * c. Organizational DUNS: |
| 826000952 | 825201189 |

d. Address:

| | |
|----------------------|---------------------|
| * Street1: | 650 W. State Street |
| Street2: | |
| * City: | Boise |
| County: | |
| State: | ID |
| Province: | |
| * Country: | USA |
| * Zip / Postal Code: | 83702 |

e. Organizational Unit:

| | |
|------------------|----------------|
| Department Name: | Division Name: |
| | |

f. Name and contact information of person to be contacted on matters involving this application:

| | | |
|--------------|---------------|--------|
| Prefix: | * First Name: | Selena |
| Middle Name: | | |

* Last Name: Grace

Suffix:

Title: Director of Research

Organizational Affiliation:

Idaho State Board of Education

* Telephone Number: (208)332-1592 Fax Number: (208)334-2632

* Email: SELENA.GRACE@OSBE.IDAHO.GOV

Application for Federal Assistance SF-424 Version 02

9. Type of Applicant 1: Select Applicant Type:

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

10. Name of Federal Agency:

U.S. Department of Education

11. Catalog of Federal Domestic Assistance Number:

84.384A

CFDA Title:

Statewide Longitudinal Data System Recovery Act Grants

*** 12. Funding Opportunity Number:**

ED-GRANTS-072909-001

Title:

Institute of Education Sciences;(IES) Grant Program for Statewide Longitudinal Data Systems Recovery Act Program (ARRA) CFDA 84.384A

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

The state of Idaho

*** 15. Descriptive Title of Applicant's Project:**

Idaho Longitudinal Education Analysis Data System (Idaho-LEADS)

Attach supporting documents as specified in agency instructions.

Attachment:

Title :

File :

Attachment:

Title :

File :

Attachment:

Title :

File :

Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

* a. Applicant: ID-ALL

* b. Program/Project: ID-ALL

Attach an additional list of Program/Project Congressional Districts if needed.

Attachment:

Title :

File :

17. Proposed Project:

* a. Start Date: 3/1/2010

* b. End Date: 3/1/2013

18. Estimated Funding (\$):

| | |
|----------------------|-------------|
| a. Federal | \$ 20777090 |
| b. Applicant | \$ 0 |
| c. State | \$ 5202451 |
| d. Local | \$ 0 |
| e. Other | \$ 0 |
| f. Program Income | \$ 0 |
| g. TOTAL | \$ 25979541 |

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

a. This application was made available to the State under the Executive Order 12372 Process for review on 11/5/2009.

b. Program is subject to E.O. 12372 but has not been selected by the State for review.

c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)**

Yes No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Selena

Middle Name:

* Last Name: Grace

Suffix:

Title: Director of Research

* Telephone Number: (208)332-1592 Fax Number: (208)334-2632

* Email: SELENA.GRACE@OSBE.IDAHO.GOV

* Signature of Authorized Representative: * Date Signed:

Application for Federal Assistance SF-424

Version 02

*** Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.



U.S. DEPARTMENT OF EDUCATION

BUDGET INFORMATION

NON-CONSTRUCTION PROGRAMS

OMB Control Number: 1894-0008

Expiration Date: 02/28/2011

Name of Institution/Organization:
Idaho State Board of Education

Applicants requesting funding for only one year should complete the column under "Project Year 1." Applicants requesting funding for multi-year grants should complete all applicable columns. Please read all instructions before completing form.

SECTION A - BUDGET SUMMARY

U.S. DEPARTMENT OF EDUCATION FUNDS

| Budget Categories | Project Year 1(a) | Project Year 2 (b) | Project Year 3 (c) | Project Year 4 (d) | Project Year 5 (e) | Total (f) |
|-----------------------------------|-------------------|--------------------|--------------------|--------------------|--------------------|---------------|
| 1. Personnel | \$ 758,705 | \$ 768,975 | \$ 772,759 | \$ 0 | \$ 0 | \$ 2,300,439 |
| 2. Fringe Benefits | \$ 236,915 | \$ 249,887 | \$ 251,751 | \$ 0 | \$ 0 | \$ 738,553 |
| 3. Travel | \$ 246,366 | \$ 250,444 | \$ 243,100 | \$ 0 | \$ 0 | \$ 739,910 |
| 4. Equipment | \$ 450,761 | \$ 80,340 | \$ 80,340 | \$ 0 | \$ 0 | \$ 611,441 |
| 5. Supplies | \$ 86,000 | \$ 74,800 | \$ 74,800 | \$ 0 | \$ 0 | \$ 235,600 |
| 6. Contractual | \$ 8,107,201 | \$ 2,291,791 | \$ 1,950,221 | \$ 0 | \$ 0 | \$ 12,349,213 |
| 7. Construction | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 8. Other | \$ 2,969,904 | \$ 145,000 | \$ 55,000 | \$ 0 | \$ 0 | \$ 3,169,904 |
| 9. Total Direct Costs (lines 1-8) | \$ 12,855,852 | \$ 3,861,237 | \$ 3,427,971 | \$ 0 | \$ 0 | \$ 20,145,060 |
| 10. Indirect Costs* | \$ 213,918 | \$ 212,675 | \$ 205,437 | \$ 0 | \$ 0 | \$ 632,030 |
| 11. Training Stipends | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 12. Total Costs (lines 9-11) | \$ 13,069,770 | \$ 4,073,912 | \$ 3,633,408 | \$ 0 | \$ 0 | \$ 20,777,090 |

***Indirect Cost Information (To Be Completed by Your Business Office):**

If you are requesting reimbursement for indirect costs on line 10, please answer the following questions:

(1) Do you have an Indirect Cost Rate Agreement approved by the Federal government? Yes No

(2) If yes, please provide the following information:

Period Covered by the Indirect Cost Rate Agreement: From: 7/1/2007 To: 6/30/2011 (mm/dd/yyyy)

Approving Federal agency: ED Other (please specify): _____ The Indirect Cost Rate is 14%

(3) For Restricted Rate Programs (check one) -- Are you using a restricted indirect cost rate that:

Is included in your approved Indirect Cost Rate Agreement? or, Complies with 34 CFR 76.564(c)(2)? The Restricted Indirect Cost Rate is 0%



U.S. DEPARTMENT OF EDUCATION
BUDGET INFORMATION
NON-CONSTRUCTION PROGRAMS

OMB Control Number: 1894-0008

Expiration Date: 02/28/2011

Name of Institution/Organization:
Idaho State Board of Education

Applicants requesting funding for only one year should complete the column under "Project Year 1." Applicants requesting funding for multi-year grants should complete all applicable columns. Please read all instructions before completing form.

SECTION B - BUDGET SUMMARY
NON-FEDERAL FUNDS

| Budget Categories | Project Year 1(a) | Project Year 2 (b) | Project Year 3 (c) | Project Year 4 (d) | Project Year 5 (e) | Total (f) |
|--------------------------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|
| 1. Personnel | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 2. Fringe Benefits | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 3. Travel | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 4. Equipment | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 5. Supplies | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 6. Contractual | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 7. Construction | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 8. Other | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 9. Total Direct Costs (lines 1-8) | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 10. Indirect Costs | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 11. Training Stipends | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| 12. Total Costs (lines 9-11) | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Standard Form 424B (Rev.7-97)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management, and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. "4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. "1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. '794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act
9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. "276a to 276a-7), the Copeland Act (40 U.S.C. '276c and 18 U.S.C. "874) and the Contract Work Hours and Safety Standards Act (40 U.S.C. " 327-333), regarding labor standards for federally assisted construction sub-agreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. "1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clear Air Act of 1955, as amended (42 U.S.C. "7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (h) protection of endangered species under the Endangered Species Act of 1973, as amended, (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. "1721 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance

of 1975, as amended (42 U.S.C. " 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) " 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. " 290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. ' 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

7. Will comply, or has already complied, with the requirements of Titles II and III of the uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with the provisions of the Hatch Act (5 U.S.C. "1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. '470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. "469a-1 et seq.).

14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. "2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. "4801 et seq.) which prohibits the use of lead- based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations and policies governing this program.

Signature of Authorized Certifying Representative:

Name of Authorized Certifying Representative: Selena Grace

Title: Director of Research

Date Submitted: 12/03/2009

Disclosure of Lobbying Activities

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

| | | |
|---|---|---|
| 1. Type of Federal Action: <input type="checkbox"/> Contract <input type="checkbox"/> Grant <input type="checkbox"/> Cooperative Agreement <input type="checkbox"/> Loan <input type="checkbox"/> Loan Guarantee <input type="checkbox"/> Loan Insurance | 2. Status of Federal Action: <input type="checkbox"/> Bid/Offer/Application <input type="checkbox"/> Initial Award <input type="checkbox"/> Post-Award | 3. Report Type: <input type="checkbox"/> Initial Filing <input type="checkbox"/> Material Change For Material Change only: Year: 0 Quarter: 0 Date of Last Report: |
| 4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier, if known: 0 Name: Address: City: State: Zip Code + 4: - Congressional District, if known: | 5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: Name: Address: City: State: Zip Code + 4: - Congressional District, if known: | |
| 6. Federal Department/Agency: | 7. Federal Program Name/Description: CFDA Number, if applicable: | |
| 8. Federal Action Number, if known: | 9. Award Amount, if known: \$0 | |
| 10. a. Name of Lobbying Registrant (if individual, last name, first name, MI): Address: City: State: Zip Code + 4: - | b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI): Address: City: State: Zip Code + 4: - | |
| 11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure. | Name: Selena Grace Title: Director of Research Applicant: Idaho State Board of Education Date: 12/03/2009 | |
| Federal Use Only: | | Authorized for Local Reproduction Standard Form LLL (Rev. 7-97) |

CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements.

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal Loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance.

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee or any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

APPLICANT'S ORGANIZATION

Idaho State Board of Education

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Prefix: First Name: Selena Middle Name:

Last Name: Grace Suffix:

Title: Director of Research

Signature: _____

Date:

12/03/2009

ED 80-0013

03/04

**SUPPLEMENTAL INFORMATION
REQUIRED FOR
DEPARTMENT OF EDUCATION GRANTS**

1. Project Director:

Prefix: * First Name: Middle Name: * Last Name: Suffix:
Selena Grace

Address:

* Street1: 650 W. State Street
Street2:
* City: Boise
County:
* State: ID* Zip / Postal Code: 83702 * Country: USA

* Phone Number (give area code) (208)332-1592
Fax Number (give area code) (208)333-2632

Email Address:

SELENA.GRACE@OSBE.IDAHO.GOV

2. Applicant Experience

Novice Applicant Yes No Not applicable

3. Human Subjects Research

Are any research activities involving human subjects planned at any time during the proposed project period?

Yes No

Are ALL the research activities proposed designated to be exempt from the regulations?

Yes Provide Exemption(s) #:

No Provide Assurance #, if available:

Please attach an explanation Narrative:

Attachment:

Title :

File :

Project Narrative

Project Narrative - Project Abstract

Attachment 1:

Title: **Project Abstract** Pages: **1** Uploaded File: **C:\Documents and Settings\sgrace\Desktop\Submission Documents\Abstract.doc**

Abstract

Idaho plans to expand its current K-12 SLDS efforts by creating a data system that spans the P-20 and workforce pipeline through the establishment of the Idaho Longitudinal Education Analysis Data System (Idaho-LEADS). Idaho began streamlining its K-12 reporting requirements by evaluating the current data management infrastructure. This evaluation resulted in the creation of a unique student identifier and the consolidation of agency data collection and management through an enterprise portal and directory system. We are currently in the process of building a K-12 dimensional data warehouse and working diligently to provide stakeholders (i.e., students, parents, teachers, school and district leaders, state officials) with the ability to analyze, aggregate, and utilize relevant student-level information to identify trends and share best practices.

The State Board of Education (SBOE) is the SEA for Idaho's P-20 public education system. As the policy-making body for all public education in Idaho, the SBOE has the capacity to broadly impact the entire educational pipeline. The SBOE will coordinate efforts to meet the requirements and proposed outcomes for this grant. Idaho intends to participate in a pilot cross-state effort to establish a data exchange sharing K-12 and postsecondary education and workforce data. Other states to be included are Washington, Oregon, and Hawaii, and this coordination will be managed through the Western Interstate Commission for Higher Education (WICHE). Idaho has also collaborated with the state of Oregon on the development of a data utilization training program.

To implement Idaho-LEADS, our proposal includes nine outcomes aligned with the required seven capabilities and twelve elements. These outcomes will expand our current K-12 SLDS efforts, known as the Idaho Systems for Educational Excellence (ISEE), to include a P-20 and workforce data system:

1. Establish policies and governance structure to support P-20 and workforce data system
2. Integrate current statewide Education ID application into the public postsecondary systems
3. Develop postsecondary data warehouses, a centralized P-20 and workforce data warehouse and an associated reporting and analysis system based on the P-20 and workforce data warehouse
4. Align the Division of Professional-Technical Education's 10 System with State Department of Education's (SDE) application rewrite
5. Deploy web services to facilitate the exchange of data across agencies and states
6. Establish a K-12 Learning Management System to support formative assessments and curriculum management
7. Create a statewide K-12 data utilization training program (teaching teachers and administrators how to use data to set measurable goals and then track progress)
8. Create web widgets and tools to provide targeted, appropriate information to stakeholders
9. Develop pilot multi-state data exchange

Project Narrative

Project Narrative - Project Narrative

Attachment 1:

Title: **Project Narrative** Pages: **27** Uploaded File: **C:\Documents and Settings\sgrace\Desktop\Submission Documents\Project Narrative.doc**

Project Narrative

A. Need For Project

Demographics and Organization of Idaho

Idaho is the nation's thirteenth largest state geographically, covering 83,557 square miles. However, Idaho is ranked 41st in the nation for population, with 1.3 million residents. Thirty-five of the forty-four counties are defined as rural (a county in which the largest town or city has fewer than 20,000 residents). Idaho is a state with two time zones, with limited highway infrastructure due to the ruggedness of the mountain ranges, and where 63% of the state is federal lands (the majority of those inaccessible). Nevertheless, in December 2007 the U.S. Census Bureau named Idaho as the fourth fastest growing state in the nation. Idaho is divided into six educational regions with more than 630 K-12 schools operating within those regions. Idaho has eight public postsecondary institutions and three private. Most of the postsecondary institutions are located in urban areas.

The Idaho Constitution provides that the general supervision of the state educational institutions and the public school system of the State of Idaho shall be vested in the State Board of Education (SBOE). The Idaho educational system, consisting of the diverse agencies, institutions, school districts, and public charter schools governed by the SBOE, delivers public primary, secondary, and postsecondary education, training, rehabilitation, outreach, information, and research services throughout the state. These public organizations collaborate to provide educational programs and services that are high quality, readily accessible, relevant to the needs of the state, and delivered in the most efficient manner. The SBOE is responsible for defining the limits of instruction in the educational institutions supported in whole or in part by the state, and for the prevention of wasteful duplication of effort in the educational institutions. This broad educational oversight by the SBOE provides an ideal structure to implement and oversee the proposed Idaho-LEADS, a P-20 and workforce data system.

Current Status and Capacity to Use Data

Idaho has one of the least developed statewide longitudinal data systems in the nation. According to the Data Quality Campaign 2009 Annual Survey of the Ten Essential Elements of a Longitudinal Data System, Idaho employs one of the ten essential elements. Idaho lacks the ability to use longitudinal data to support educational improvement efforts, resulting in the inability to answer key questions regarding the educational processes.

Idaho is a local control state, with each Local Education Agency (LEA) selecting and operating independent Student Information Systems (SIS); this paradigm creates a heterogeneous K-12 landscape with many districts maintaining critical records only in spreadsheets or homegrown databases. The State Department of Education (SDE) is in the early stages of developing a K-12 data warehouse (under existing IES grant 84.372A). The project team has determined that the first steps in that effort are to identify the crucial common data elements, build a traditional normalized data model for data collection, and develop processes for extracting the required data from the various district systems and loading it into that single normalized model. These steps are under way. This effort will be expanded to incorporate the limited amount of pre-kindergarten data available into this data collection model, creating a P-12 database. This

database will then form the foundation for the development of the dimensional P-12 data warehouse.

The postsecondary educational system is similar to the K-12 system in that there are four different Enterprise Resource Planning (ERP) systems being operated among the eight state supported institutions. The systems include various levels of student information, finance, and human resource components. Most of those institutions lack a data warehouse and the associated benefits of business intelligence capabilities. Of these institutions, Boise State University is the only institution that has a data warehouse component nearing completion. Idaho State University is implementing an enterprise data warehouse as part of its new ERP implementation.

Current Improvement Efforts

Our current efforts are funded through a combination of state and IES resources. Under the current IES grant, the SDE is developing a K-12 SLDS, the Idaho Systems for Educational Excellence (ISEE). In recognition that ISEE is the foundation for a P-20 and workforce data warehouse, our data system architecture is being developed to incorporate key features to support student-level and teacher data across agencies and time (see Appendix A, Figure 1). Funding the nine outcomes proposed in this grant will enable our proposed data system to meet the seven capabilities and the twelve elements.

Current state-funded projects include:

- Statewide portal that will support a centralized statewide K-12 data collection mechanism and streamline data submission and review by all LEAs
- Authentication and authorization scheme that will ensure state and federal privacy regulation compliance and support single sign-on
- Teacher certification application rewrite, rebuilding the application in .Net to comply with our SLDS architecture and integrating Educational IDs (EDUID) for teachers
- Enrollment and attendance application rewrite that will refine the granularity of data collection to the individual student level for incorporation into the K-12 data system

Current IES grant-funded projects focus on these six K-12 areas:

- Enhanced Unique ID application; to create a system to assign and manage a unique Educational ID (EDUID) to identify all individuals involved in the K-12 educational system (i.e., students, teachers, administrators, etc.). This system will also facilitate linkage of student and teacher data, as well as enabling the collection and analysis of teacher specific education data.
- K-12 Longitudinal Data Warehouse; consisting of two primary components: a normalized data storage model is being developed to store person level information and all associated data for each individual. The model includes: Persons, Providers, Programs, and Evidence. Second, a dimensional data warehouse is being developed to support a reporting engine and associated data analytics.
- K-12 LEA data collection at state level; collect person level data at regular intervals from LEAs via standardized data exchange formats. This data will be imported into the K-12 longitudinal data warehouse.

- Support for LEAs to purchase, contract for, or internally develop any ETL (Extract, Transform, Load) capabilities needed to prepare their data to be imported into the K-12 longitudinal data system. This will streamline the data submittal process for LEAs.
- Deployment of the K-12 reporting and analysis system based on the Longitudinal Data Warehouse to examine and analyze educational results and trends over time. This will include development of standardized reports to fulfill federal reporting obligations such as EDFacts, and to identify effective teachers, schools, and programs to share best practices.
- Transcript system; Streamline and automate the movement of transcript information from LEAs to postsecondary institutions.

Required Data System Capabilities & Elements

To expand our current SLDS efforts from a K-12 system to a P-20 and workforce system we have proposed nine outcomes in this grant request.

Proposed Outcomes:

1. Establish policies and governance structure to support P-20 and workforce data system
2. Integrate current statewide Education ID application into the public postsecondary systems
3. Develop postsecondary data warehouses, a centralized P-20 and workforce data warehouse and an associated reporting and analysis system based on the P-20 and workforce data warehouse
4. Align the Division of Professional-Technical Education's 10 System with SDE's application rewrite
5. Deploy web services to facilitate the exchange of data across agencies and states
6. Establish a K-12 Learning Management System to support formative assessments and curriculum management
7. Create a statewide K-12 data utilization training program (teaching teachers and administrators how to use data to set measurable goals and then track progress)
8. Create web widgets and tools to provide targeted, appropriate information to stakeholders
9. Develop pilot multi-state data exchange

Proposed outcomes are tied closely to the required seven capabilities and twelve elements outlined in section IV of the RFA, as well as the State Fiscal Stabilization Fund assurances. Increasing student achievement will require instructional and policy decisions based on evaluation of data gathered, enabling us to more effectively use limited educational resources. Idaho-LEADS will be designed to improve the quality of collaboration efforts among educational stakeholders by shifting from anecdotal discussion groups to fact-based decision-making processes. Idaho-LEADS will maximize opportunities for improvement by creating a chain of feedback loops at transitions along the educational pipeline (e.g. secondary to postsecondary, postsecondary to workforce). This will allow for analysis of educational outputs and provide the appropriate data to guide instruction and administrative policy changes.

Idaho's proposed outcomes will expand and blend a number of efforts currently underway to create the Idaho Longitudinal Education and Analysis Data System (Idaho-LEADS). The proposed project core is an integrated, statewide, dimensional P-20 and workforce data

warehouse coupled to a reporting and analysis system managed by the SEA. This warehouse will consolidate PK, K-12, postsecondary, and workforce data.

Alignment of Proposed Outcomes with the seven Data System Capabilities, the twelve Data System Elements, and the State Fiscal Stabilization Fund

| Required Data System Capabilities | Corresponding Outcomes |
|--|-------------------------------|
| 1. Student progress and outcomes over time including preparation for postsecondary, workforce, and Armed Forces | 2, 3, 5, 6, 8, 9 |
| 2. Exchange of data among agencies and institutions within and across states | 1, 2, 3, 4, 5, 8, 9 |
| 3. Link student data with teachers | 2, 3, 4, 5, 6, 8 |
| 4. Teacher certification and preparation information | 2, 3, 5, 7 |
| 5. Support continuous improvement and decision making including timely information to parents, teachers, and school leaders on student achievement | 2, 3, 5, 6, 7, 8, 9 |
| 6. Data quality and integrity | 1, 2, 3, 4, 5, 7, 8 |
| 7. Meet Federal reporting requirements | 1, 2, 3, 5 |

| Required Data System Elements | Corresponding Outcomes |
|--|-------------------------------|
| 1. Unique Student ID, not personally identifiable | 2, 3, 5, 7 |
| 2. Student-level enrollment, demographic, and program participation | 2, 3, 5, 6, 7, 8, 9 |
| 3. Student-level information about points at which students exit, transfer, drop out, graduate P-16 | 2, 3, 5, 9 |
| 4. Capacity to communicate with higher education systems | 2, 3, 4, 5 |
| 5. Data audit system, quality, validity, reliability | 1 |
| 6. Yearly test records per ESEA | Funded by Existing Grant |
| 7. Information on students not tested, by grade, by subject | Funded by Existing Grant |
| 8. Teacher ID with ability to match teacher to student | Funded by Existing Grant |
| 9. Student-level transcripts, courses completed and grades | Funded by Existing Grant |
| 10. Student-level college readiness test scores | Funded by Existing Grant |
| 11. Student information regarding transition from secondary to postsecondary and remedial coursework in college. | 2, 3, 4, 5, 7, 8, 9 |
| 12. Other information necessary to address alignment and preparation for success in postsecondary education. | 1, 2, 3, 4, 5, 6, 7, 8, 9 |

| State Fiscal Stabilization Fund (SFSF) Assurances | Idaho-LEADS uses to address SFSF Assurances |
|--|---|
| Take actions to improve teacher effectiveness and | Proposed Learning Management System will support provisioning of results-oriented curriculum, formative |

| | |
|---|--|
| distribution | assessments, scope, sequence, and pacing guides to assist struggling teachers. Linkage of student results to teachers will support analysis of teacher effectiveness. Linkage of teachers to student assessments will assist in the analysis of teacher preparation programs. Linkage of teachers to student outcomes can be used to ensure equitable distribution of effective teachers and continuous improvement of instructional practices. Initiation of professional learning communities for teachers to share best practices. |
| Establish an SLDS | Idaho–LEADS will be a P-20 and workforce SLDS. |
| Enhance the quality of academic assessments | Idaho–LEADS will allow for multiple data points to examine correlation of current academic assessments to postsecondary attendance and postsecondary performance (including remedial course work), creating feedback loops and opportunity for continuous improvement, or adoption of other, more highly correlated assessments. Introduction of juried item bank formative assessments into classroom will allow for prediction of student success and modification of ESEA assessments to more accurately reflect student learning, or adjustment of curriculum for improved alignment with standards. |
| Comply with IDEA | Idaho–LEADS will allow the State to monitor progress of children with disabilities over time, create an “early warning system” utilizing formative assessments, and share formative information with parents and other stakeholders. |
| Take steps to improve academic standards | Proposed Learning Management System allows for the online management of academic standards and comparison of curriculum to assessment results to standards proficiency. It will also support correlation of curriculum, formative assessments, and academic standards for the continuous improvement of academic standards. Introduction of feedback loops between postsecondary and secondary institutions will support analysis of standards against success in postsecondary environment. |
| Support struggling schools | Idaho–LEADS will be used to identify schools in need or potentially in need for targeted assistance by trending formative as well as summative assessment data to measure and predict school performance. It also supports the sharing of best practices by identifying high-performing schools, capturing their instructional practices and communicating those practices to struggling schools. It also creates tools for parent involvement, a key component of turning around struggling schools. |

