

# **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 # R384A100054**

Closing Date: NOV 19, 2009

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<b>Application for Federal Assistance SF-424</b>		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: 12/4/2009		4. Applicant Identifier:
5a. Federal Entity Identifier:		* 5b. Federal Award Identifier: NA
<b>State Use Only:</b>		
6. Date Received by State:		7. State Application Identifier:
<b>8. APPLICANT INFORMATION:</b>		
* a. Legal Name: Florida Department of Education		
* b. Employer/Taxpayer Identification Number (EIN/TIN): 593474751		* c. Organizational DUNS: 785319963
<b>d. Address:</b>		
* Street1:		325 West Gaines Street, Suite 844
Street2:		
* City:		Tallahassee
County:		
State:		FL
Province:		
* Country:		USA
* Zip / Postal Code:		32399
<b>e. Organizational Unit:</b>		
Department Name: Office of the Commissioner		Division Name: Acct, Research, Measurement
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>		
Prefix:		Mr.                      * First Name:                      Jeff
Middle Name:		

\* Last Name: Sellers

Suffix:

Title: Acting Deputy Commissioner

Organizational Affiliation:

Florida Department of Education

\* Telephone Number:

(850)245-9597

Fax Number:

(850)245-9288

\* Email: JEFF.SELLERS@FLDOE.ORG

**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-0729090001

Title:

Grants for Statewide, Longitudinal Data Systems Under the ARRA of 2009 CFDA

84.384

**13. Competition Identification Number:**

Title:

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

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

Data In...Data Out

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: FL-All

\* b. Program/Project: FL-All

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

**Attachment:**

Title :

File :

**17. Proposed Project:**

\* a. Start Date: 7/1/2010

\* b. End Date: 6/30/2013

**18. Estimated Funding (\$):**

a. Federal	\$
b. Applicant	\$ 347298
c. State	\$ 0
d. Local	\$
e. Other	\$
f. Program	\$
Income	
g. TOTAL	\$ 347298

**\* 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 .

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: Mr. \* First Name: Eric

Middle Name:

\* Last Name: Smith

Suffix:

Title: Florida Commissioner of Education

\* Telephone Number: (850)245-0505 Fax Number:

\* Email: ERIC.SMITH@FLDOE.ORG

\* 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:  
Florida Department 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	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2. Fringe Benefits	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3. Travel	\$ 2,000	\$ 2,000	\$ 2,000	\$ 0	\$ 0	\$ 6,000
4. Equipment	\$ 2,465,231	\$ 261,775	\$ 236,775	\$ 0	\$ 0	\$ 2,963,781
5. Supplies	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
6. Contractual	\$ 1,193,980	\$ 2,760,075	\$ 1,353,680	\$ 0	\$ 0	\$ 5,307,735
7. Construction	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
8. Other	\$ 50,100	\$ 239,273	\$ 210,868	\$ 0	\$ 0	\$ 500,241
9. Total Direct Costs (lines 1-8)	\$ 3,711,311	\$ 3,263,123	\$ 1,803,323	\$ 0	\$ 0	\$ 8,777,757
10. Indirect Costs*	\$ 358,295	\$ 546,598	\$ 292,638	\$ 0	\$ 0	\$ 1,197,531
11. Training Stipends	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
12. Total Costs (lines 9-11)	\$ 4,069,606	\$ 3,809,721	\$ 2,095,961	\$ 0	\$ 0	\$ 9,975,288

**\*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: 6/30/2010 (mm/dd/yyyy)

Approving Federal agency:  ED  Other (please specify): \_\_\_\_\_ The Indirect Cost Rate is 17.7%

(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 17.7%



**U.S. DEPARTMENT OF EDUCATION**

**BUDGET INFORMATION**

**NON-CONSTRUCTION PROGRAMS**

OMB Control Number: 1894-0008

Expiration Date: 02/28/2011

Name of Institution/Organization:  
Florida Department 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	\$ 84,900	\$ 84,900	\$ 84,900	\$ 0	\$ 0	\$ 254,700
2. Fringe Benefits	\$ 28,866	\$ 28,866	\$ 28,866	\$ 0	\$ 0	\$ 86,598
3. Travel	\$ 2,000	\$ 2,000	\$ 2,000	\$ 0	\$ 0	\$ 6,000
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)	\$ 115,766	\$ 115,766	\$ 115,766	\$ 0	\$ 0	\$ 347,298
10. Indirect Costs	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
11. Training Stipends	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
12. Total Costs (lines 9-11)	\$ 115,766	\$ 115,766	\$ 115,766	\$ 0	\$ 0	\$ 347,298



## 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:** Eric Smith

**Title:** Florida Commissioner of Education

**Date Submitted:** 12/04/2009

### Disclosure of Lobbying Activities

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

<b>1. Type of Federal Action:</b> <input type="checkbox"/> Contract <input checked="" type="checkbox"/> Grant <input type="checkbox"/> Cooperative Agreement <input type="checkbox"/> Loan <input type="checkbox"/> Loan Guarantee <input type="checkbox"/> Loan Insurance	<b>2. Status of Federal Action:</b> <input checked="" type="checkbox"/> Bid/Offer/Application <input type="checkbox"/> Initial Award <input type="checkbox"/> Post-Award	<b>3. Report Type:</b> <input checked="" type="checkbox"/> Initial Filing <input type="checkbox"/> Material Change <b>For Material Change only:</b> Year: 0 Quarter: 0 Date of Last Report:
<b>4. Name and Address of Reporting Entity:</b> <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier, if known: 0 Name: Florida Department of Education Address: 325 West Gaines Street, Suite 1514 City: Tallahassee State: FL Zip Code + 4: 32399-0400  Congressional District, if known: 02	<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b>  Name: Address: City: State: Zip Code + 4: -  Congressional District, if known:	
<b>6. Federal Department/Agency:</b>	<b>7. Federal Program Name/Description:</b>  CFDA Number, if applicable: 84.384	
<b>8. Federal Action Number, if known:</b>	<b>9. Award Amount, if known: \$0</b>	
<b>10. a. Name of Lobbying Registrant</b> (if individual, last name, first name, MI): Address: City: State: Zip Code + 4: -	<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI): Address: City: State: Zip Code + 4: -	
<b>11.</b> 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: Eric Smith Title: Florida Commissioner of Education Applicant: Florida Department of Education Date: 12/04/2009	
<b>Federal Use Only:</b>		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.

<b>APPLICANT'S ORGANIZATION</b>
---------------------------------

Florida Department of Education
---------------------------------

<b>PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE</b>
--

Prefix:	First Name: Eric	Middle Name:
---------	------------------	--------------

Last Name: Smith	Suffix:
------------------	---------

Title: Florida Commissioner of Education
--

Signature: _____	Date: 12/04/2009
------------------	------------------

ED 80-0013

03/04

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

**1. Project Director:**

Prefix:      \* First Name:                      Middle Name:                      \* Last Name:                      Suffix:  
Mrs.        Nancy

Address:

\* Street1:                      325 West Gaines Street, Suite 844

Street2:

\* City:                              Tallahassee

County:

\* State:                              FL \* Zip / Postal Code: 32399 \* Country: USA

\* Phone Number (give area                      Fax Number (give area  
code)    code)  
(850)245-0457    (850)245-9069

Email Address:

NANCY.COPA@FLDOE.ORG

**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: Florida Abstract Pages: 1 Uploaded File: C:\Documents and Settings\nancy.copa\Desktop\SLDS  
ARRA\Grant Sections\Project Abstract.doc**

# Data In...Data Out (CFDA Number 84.384)

## Project Abstract

**1. The title of the project:** Data In...Data Out

**2. Project Description:** This grant competition and the America COMPETES Act clearly define the necessary requirements for a statewide longitudinal data system. The four assurances in the American Reinvestment and Recovery Act focus on struggling schools, assessment information for instructional improvement, quality teachers in the classroom, and a statewide longitudinal data system. While the Florida Department of Education (FLDOE) currently meets all of the capabilities and system requirements described, FLDOE is using this grant proposal to deepen its commitment to providing data to stakeholders while maintaining student confidentiality.

In keeping with this goal, FLDOE proposes (1) to upgrade the four major source data systems that are incorporated into Florida's Education Data Warehouse (EDW); (2) to employ a unique identifier system so that social security numbers are no longer the key field for tracking students between the Local Education Agencies and the State; (3) to provide several different reporting capabilities for use by a myriad of stakeholders; and (4) to implement a data mining tool for FLDOE to analyze and evaluate its programs and policies more efficiently and effectively.

The proposed project will provide new analytic dimensions and student confidentiality mechanisms currently unavailable in any state. Not only will there be results reported on periodic, current schedules, but on a longitudinal basis as well. The project will result in processes and tools that may be replicated in other states. It will serve as a national model that can be adapted and improved upon by others.

**3. The expected outcome of the project on the State's education data system:** This project is expected to improve the usability of FLDOE's data by focusing on TIMELINESS, ACCURACY and ACCESSIBILITY while maintaining CONFIDENTIALITY and allowing for program EVALUATION.

The source data systems will make the data more timely by implementing new processing methodologies and implementing more periodic system updates. During the system upgrades, FLDOE will implement a statistical validation process verifying data quality to ensure its accuracy. Accuracy at the source system is important to ensure accuracy within the EDW. The proposed system upgrades will also prepare FLDOE's data system to provide more timely feedback to teachers for instructional improvement purposes.

The reporting capabilities will increase the accessibility of FLDOE's data to a multitude of stakeholders. The various reporting capabilities will be designed to meet the needs of stakeholders with a range of perspectives and expertise.

The unique identifier system will promote confidentiality regarding student information as data is transferred between the LEAs and the State. The identifier will be different than the one currently assigned by the EDW so that when disclosing coded, deidentified unit record data a student's identity cannot be determined.

Finally, the data mining tool will work with data from the EDW to provide evaluation and analysis of Florida's education policies and practices. It will allow FLDOE to determine best practices to highlight with the Local Education Agencies and to identify potential program/policy areas in need of attention before they become an issue.

# Project Narrative

## Project Narrative - Project Narrative

Attachment 1:

Title: **Florida Project Narrative** Pages: **30** Uploaded File: **C:\Documents and Settings\nancy.copa\Desktop\SLDS  
ARRA\Grant Sections\Project Narrative.doc**



Data In...Data Out  
(CFDA Number 84.384)

**Project Narrative**

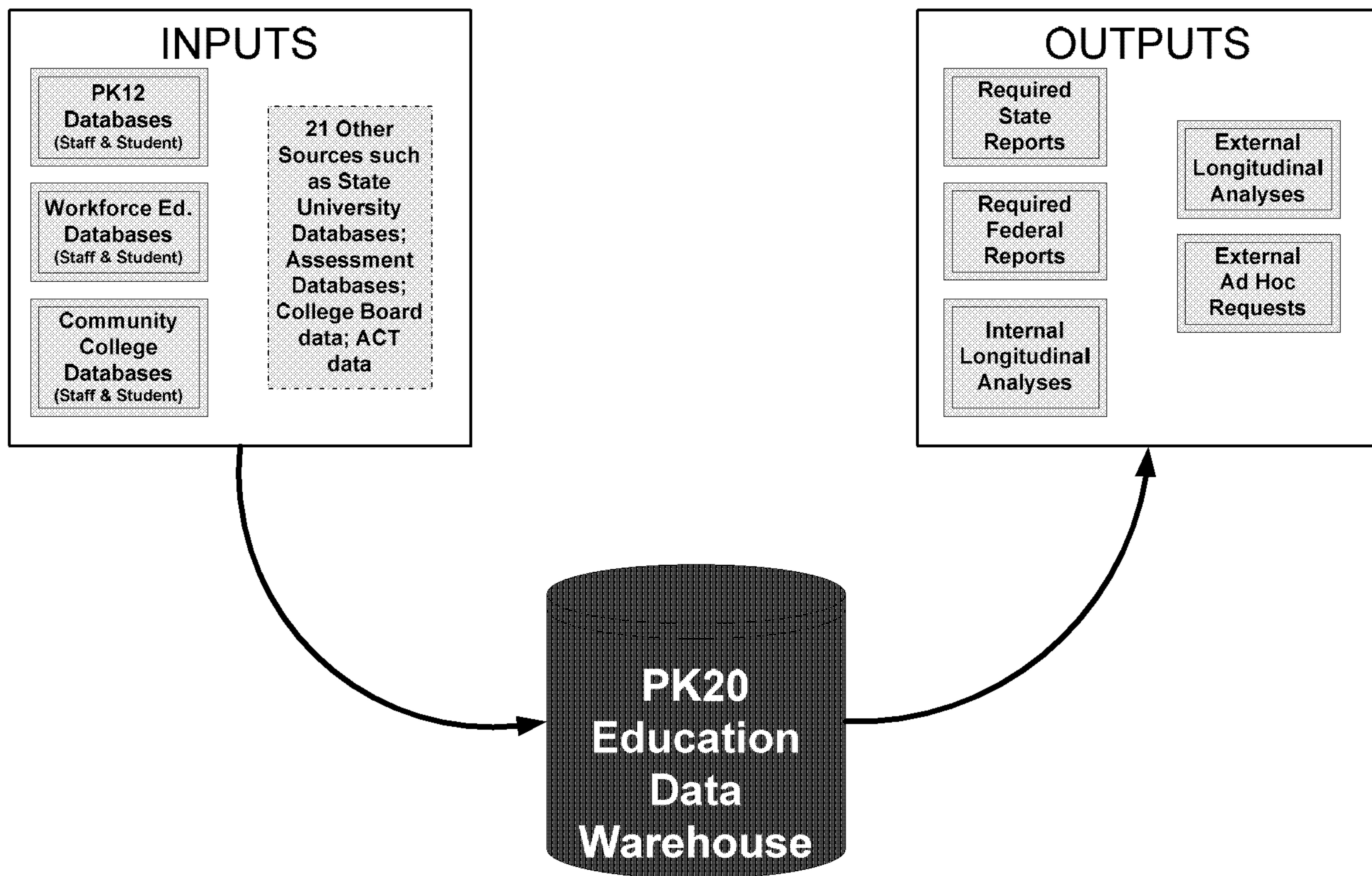
**Need for Project**

**Florida's Statewide Longitudinal Data System**

The Florida Department of Education (FLDOE/we) maintains a nationally recognized statewide longitudinal data system known as the PK20 Education Data Warehouse (EDW) which has the capability to follow students from Prekindergarten through postgraduate school and into the workforce. Since the EDW's creation in 2003, Florida's power to predict and evaluate the effects of educational policy has increased.

As with any longitudinal data system, the functionality of the EDW is dependent on the quality of data being brought in (the Inputs) and the ability to easily access and extract data out (the Outputs). See Figure 1.

**Figure 1. Current Inputs and Outputs of Florida's PK20 Education Data Warehouse**



## Data In...Data Out (CFDA Number 84.384)

Currently, the PK20 Education Data Warehouse (EDW) incorporates 27 different data sources (see Appendix A) into one longitudinal data system. The four largest contributors<sup>1</sup> are the staff and student databases for PK12, career and adult education (or workforce education), community colleges and state universities. In addition to these data sources, the EDW incorporates a multitude of data including student financial aid, student assessment, facilities, special education, English language learners, early childhood programs, human resources, finance, and employment information.

One of the data sets incorporated into the EDW is the Florida Education and Training Placement Information Program (FETPIP). FETPIP is a data collection and consumer reporting system at FLDOE established by Florida Statutes to provide follow-up data on former students and others. The information provided describes civilian and federal employment and earnings, continuing education experiences, military service, and other measures that help answer accountability issues.

The statute which establishes FETPIP grants FLDOE access to records collected by other Florida state agencies including unemployment insurance wage reports maintained by the Agency for Workforce Innovation, records at the Department of Children and Family Services that contain information about the distribution of public assistance, records at the Department of Corrections that contain information about incarcerations, and records at the Department of Business and Professional Regulation that contain the results of licensure examination. Access to these records necessitates that FLDOE's system supports intrastate interoperability to ensure linkage and connectivity among the various data.

The EDW is used as a data resource by a myriad of stakeholders. Researchers use deidentified unit record data from the EDW to fulfill approved research projects that study the effects of education programs and policies across educational sectors. Florida legislators use data from the EDW to drive data-driven decision making. FLDOE leadership uses data from the EDW to evaluate the implementation of education programs and policies and for school and teacher accountability. FLDOE program and policy staff use data from the EDW to provide understandable statistics and reports to the general public, including parents and students. FLDOE uses data from the EDW to fulfill state and federal reporting requirements.

Funding for the EDW was originally a line item in the annual 2003-2008 FLDOE budgets approved by the Legislature. Line items are more susceptible to criticism. During the 2009 Legislative session, the EDW's funds were rolled into the technology portion of FLDOE's budget making sustainability less of an issue. All of the EDW and the source data systems are fully funded by the Legislature. No additional funding will be required to support the upgrades. FLDOE's expectation is that expenses associated with the components of this proposal will decline once fully deployed.

It is important that FLDOE continue to enhance the functionality of the EDW so that it evolves with the increasing demands for data. Using the EDW as a resource for longitudinal data has become a part of Florida's educational culture. It has resulted in data-driven decision making, program evaluation, and accountability.

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<sup>1</sup> There are ten major sources (see Appendix A) that comprise the PK12, workforce education, community college, and state university data systems. These include staff, student, and finance data for each area. For brevity we refer to these separate databases by their collective representative sector: PK12, workforce education, community college, or state university. This proposal will refer to the four major source data systems.

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### **EDW Requirements and Capabilities**

Florida was the first state recognized by the Data Quality Campaign (DQC) as containing the 10 elements recommended by DQC for designing a statewide longitudinal data system. Many of these elements are also listed in the America COMPETES Act as part of the 12 required data system elements. Florida's EDW meets all 12 of the required data system elements referenced in the America COMPETES Act. FLDOE has the ability to link elementary and secondary school data to postsecondary data and to employment information. Students are automatically assigned a unique identifier when first incorporated into the EDW to ensure confidentiality in the longitudinal data system.

FLDOE already meets five of the seven data system capabilities required by this grant competition.

FLDOE has the ability to:

- follow students over time through their educational career and into the workforce (capability 1)
- link student data with teachers, including the ability to link back to a teacher's preparation pathway (capabilities 3 and 4)
- ensure the quality and integrity of data contained in the system (capability 6), and
- meet reporting requirements of the United States Education Department, including those required for the State Fiscal Stabilization Fund and *EdFacts* (capability 7).

FLDOE also has the ability to link student data to data from other state agencies, as evidenced by the use of state agency data in FETPIP (capability 2). Additionally, FLDOE will use funds from Institute of Education Sciences' (IES) Statewide Longitudinal Data System (SLDS), Round 3 grant to enhance the our metadata application and to create a formalized data governance process. This will promote linkage and connectivity among the various levels and types of data such as PK12 data, technical center data, and postsecondary data.

Through this grant proposal, FLDOE will prepare its systems to provide data to stakeholders in a more timely fashion than is currently possible (capability 5). FLDOE will accomplish this by upgrading the source data systems, providing a report building tool, and implementing a data mining tool.

The ability to link teacher and student data via class enrollment is one of the core requirements of the IES' Statewide Longitudinal Data Systems program. As mentioned above, Florida has this capability. However, FLDOE proposes to refine its data processes and policies surrounding the teacher-student link. To accomplish this most important goal, FLDOE and its Local Education Agencies (LEAs) will work together to define teacher-of-record, and secondly draft the policies, processes, and technologies necessary to create and sustain a valid teacher-student data link.

As noted, the concept of a teacher-student data link appears in both the Required Data System Capabilities and Required Data System Element sections of RFA NCES 09-02. FLDOE is uniquely qualified to meet and exceed these aforementioned requirements as a result of FLDOE's participation in the Teacher-Student Data Link Project. The Teacher-Student Data Link Project, funded by the Bill & Melinda Gates Foundation and conducted by the Center for Educational Leadership and Technology (CELT) with guidance and dissemination support from the Data Quality Campaign (DQC), is a five-state effort charged with developing a common, best practice definition for teacher of record and business process for collecting and validating the linked teacher and student data. The project includes the creation of business requirements for a prototype application teachers will use to validate their student rosters. The Teacher-Student Data Link Project will bring multiple states together to leverage their collective

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knowledge and resources to determine a common definition and approach to one of the most critical capacities of their longitudinal data systems. It also incorporates school district and teacher involvement throughout the project, which will help ensure data definitions and processes accurately and appropriately capture the local reality and are not overly burdensome to educators.

In support of the Teacher-Student Data Link Project, CELT will be assisting FLDOE in conducting a comprehensive assessment of FLDOE's data collection, verification, storage, and reporting processes and systems, as each relates to linked teacher-student and summary assessment data. This analysis will include the degree and types of collaboration and communication between the State Education Agencies (SEAs), the school districts, and among the appropriate program areas within the SEA. Together with CELT, FLDOE is also carrying out the analysis at the school district level in order to assess how the schools and school districts collect the data and verify the quality of data.

Refer to Appendix C for more information about FLDOE's ability to meet the 12 data system elements and the 7 data system capabilities.

### **EDW Enhancements**

By leveraging funding from multiple federal sources, FLDOE has the unique opportunity to enhance the Education Data Warehouse to provide several functions that also address requirements of the American Reinvestment and Recovery Act's (ARRA) assurances. These functions include: (1) the ability to collate near real time data for use by the districts to improve instruction; (2) reporting capabilities permitting aggregate-level data to be accessed by a multitude of stakeholders including parents, LEAs, legislators, the general public and the media; (3) a secure portal to allow requestors (including educational researchers) FERPA<sup>2</sup>-compliant restricted access to deidentified unit-record data upon approval; and (4) a data mining tool to be used by FLDOE staff to evaluate existing policies, identify potential program/policy areas of need, and identify best practices.

FLDOE was awarded funds from both Rounds 1 and 3 of the IES' SLDS grant program. Using funds from Round 1, FLDOE incorporated student financial aid data and facilities data into the Education Data Warehouse. Additionally, these funds were used to create data marts from these data. Data marts provide a more expedient way for data questions to be answered. Because FLDOE completed its grant requirements ahead of schedule and under budget, IES permitted FLDOE to use the remaining funds and time to develop multiple data marts to support many different areas including K12, postsecondary, and employment outcomes. However, for easy use by stakeholders, a reporting tool that taps into the data mart is necessary. Funding from Round 3 and funding from the ARRA SLDS grant will address this need.

Funds awarded through Round 3<sup>3</sup> of the IES' SLDS grant will be used to create the Sandbox, a secure portal to deidentified unit record data. FLDOE's proposal for the Round 3 grant was designed to create the Sandbox which will automate the functions necessary to fulfill approved research requests. Because the Sandbox will consist of deidentified data it is the appropriate mechanism on which to develop a report building tool. Funds awarded through the ARRA SLDS grant program will be used to create pre-defined tables available for public consumption and a tool to be used by stakeholders to build exportable user-defined tables.

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<sup>2</sup> Family Educational Rights and Privacy Act (FERPA), 20 U.S.C. 1232g; 34 CFR Part 99.

<sup>3</sup> Round 3 is a five-year grant which runs July 1, 2009 – June 30, 2014.

