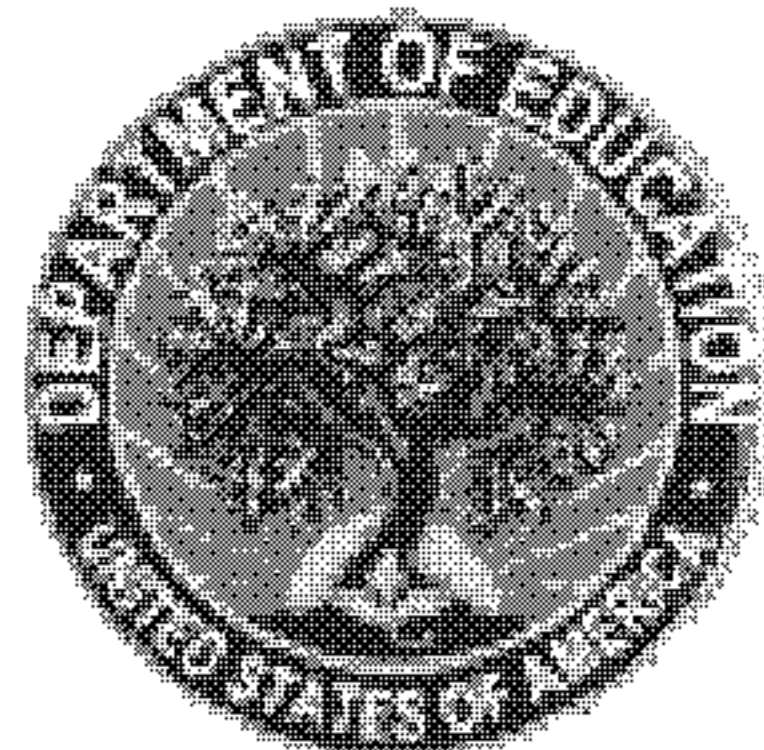


# **U.S. Department of Education**

Washington, D.C. 20202-5335



## **APPLICATION FOR GRANTS UNDER THE**

**STATEWIDE LONGITUDINAL DATA SYSTEM RECOVERY ACT GRANTS  
CFDA # 84.384A  
PR/Award # R384A100034**

Closing Date: NOV 19, 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 OKLDS	e15
3. Project Narrative - (Project Narrative - Appendix A, Optional Attach.....)	e45
Appendix A Optional Attachments OKLDS	e46
4. Project Narrative - (Project Narrative - Appendix B Resumes of Key P.....)	e53
Appendix B Resumes OKLDS	e54
5. Project Narrative - (Project Narrative - Appendix C Current Status o.....)	e85
Appendix C Current Status OKLDS	e86
6. Project Narrative - (Project Narrative - Appendix D Letters of Support...)	e97
Appendix D Letters of Support	e98
7. Budget Narrative - (Budget Narrative - Budget Justification...)	e107
Budget Narrative Justification OKLDS	e108
8. Budget Narrative - (Budget Narrative - ED 524 Section C Spreadsheet...)	e141
Budget Narrative ED 524 Sec C OKLDS	e142

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.).

<b>Application for Federal Assistance SF-424</b>		Version 02
* 1. Type of Submission		
<input type="checkbox"/> Preapplication	* 2. Type of Application: * If Revision, select appropriate letter(s):	
<input checked="" type="checkbox"/> Application	<input checked="" type="checkbox"/> New	
<input type="checkbox"/> Changed/Corrected Application	<input type="checkbox"/> Continuation	* Other (Specify)
	<input type="checkbox"/> Revision	
* 3. Date Received: 12/3/2009	4. Applicant Identifier:	
5a. Federal Entity Identifier: N/A	* 5b. Federal Award Identifier: N/A	
<b>State Use Only:</b>		
6. Date Received by State:	7. State Application Identifier:	
<b>8. APPLICANT INFORMATION:</b>		
* a. Legal Name: Education (265) Oklahoma State Department of Education		
* b. Employer/Taxpayer Identification Number (EIN/TIN): 736017987	* c. Organizational DUNS: 809929649	
<b>d. Address:</b>		
* Street1:	2500 N Lincoln Blvd	
Street2:		
* City:	Oklahoma City	
County:	Oklahoma	
State:	OK	
Province:		
* Country:	USA	
* Zip / Postal Code:	73105	
<b>e. Organizational Unit:</b>		
Department Name: Oklahoma State Department of Education	Division Name: The Wave, Oklahoma Statewide Student Information System	
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>		
Prefix:	* First Name:	Barbara
Middle Name:		

\* Last Name: Roewe

Suffix:

Title: Project Manager, The Wave, Oklahoma Statewide Student Information System

Organizational Affiliation:

Oklahoma State Department of Education

\* Telephone Number: (405)522-8198 Fax Number: (405)522-5121

\* Email: BARBARA\_ROEWE@SDE.STATE.OK.US

**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:

Statewide Longitudinal Data Systems Grants under the American Recovery and Reinvestment Act of 2009

**13. Competition Identification Number:**

Title:

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

State of Oklahoma, 77 Counties, All public school districts and all Charter schools/districts.

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

The OKLDS is a collaborative effort coordinated by the State Department of Education to link preschool, postsecondary, and workforce information.

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: OK - all

\* b. Program/Project: OK - 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: 2/28/2013

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

a. Federal	\$ 0
b. Applicant	\$ 17620505
c. State	\$ 2289289
d. Local	\$
e. Other	\$
f. Program Income	\$
g. TOTAL	\$ 19909794

**\* 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: \* First Name: Sandy

Middle Name:

\* Last Name: Garrett

Suffix:

Title: State Superintendent of Public Instruction

\* Telephone Number: (405)521-4885 Fax Number: (405)522-5121

\* Email: SANDY\_GARRETT@SDE.STATE.OK.US

\* Signature of Authorized Representative:

\* Date Signed:

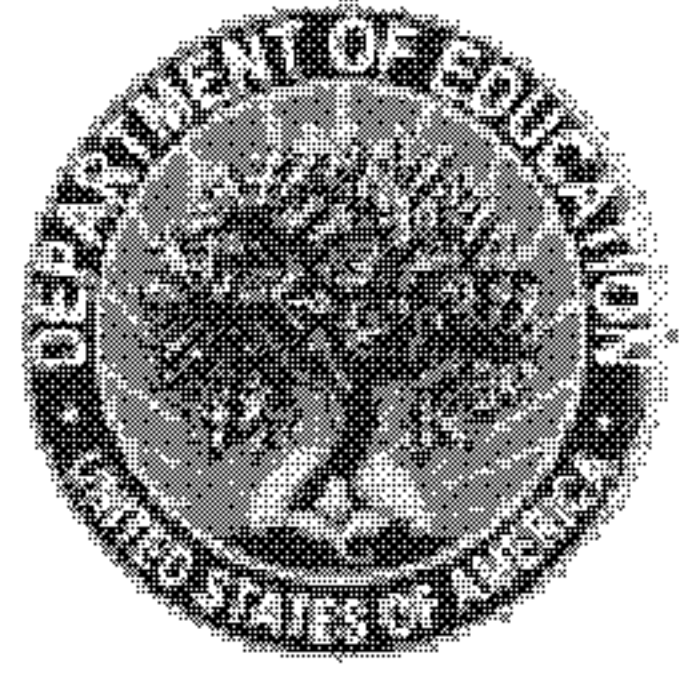
**Application for Federal Assistance SF-424**

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:
Education (265) Oklahoma State D...

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

Table with 7 columns: Budget Categories, Project Year 1(a), Project Year 2 (b), Project Year 3 (c), Project Year 4 (d), Project Year 5 (e), Total (f). Rows include Personnel, Fringe Benefits, Travel, Equipment, Supplies, Contractual, Construction, Other, Total Direct Costs, Indirect Costs, Training Stipends, and Total Costs.

\*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

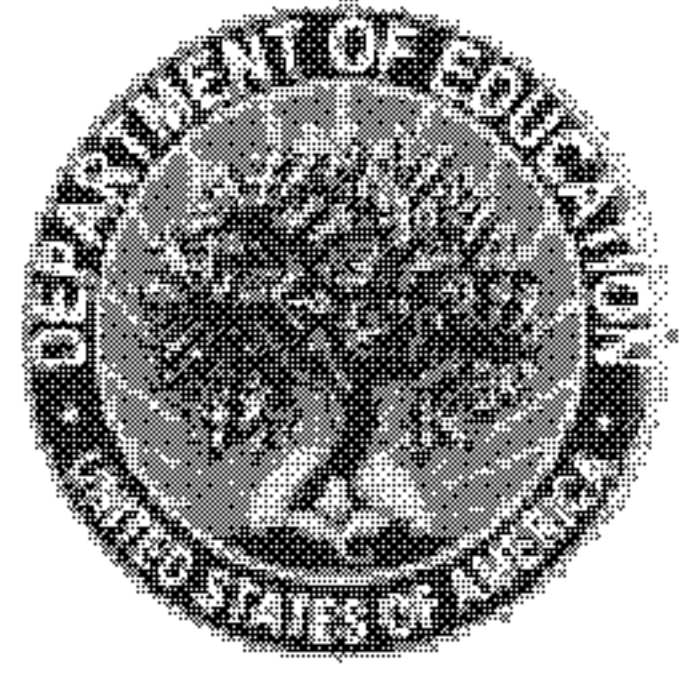
(2) If yes, please provide the following information:

Period Covered by the Indirect Cost Rate Agreement: From: \_\_\_/\_\_\_/\_\_\_ To: \_\_\_/\_\_\_/\_\_\_ (mm/dd/yyyy)

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

(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 \_\_\_\_\_%



**U.S. DEPARTMENT OF EDUCATION**

**BUDGET INFORMATION**

**NON-CONSTRUCTION PROGRAMS**

OMB Control Number: 1894-0008

Expiration Date: 02/28/2011

Name of Institution/Organization:  
Education (265) Oklahoma State D...

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	\$ 622,540	\$ 653,667	\$ 686,350	\$ 0	\$ 0	\$ 1,962,557
2. Fringe Benefits	\$ 361,512	\$ 379,127	\$ 398,083	\$ 0	\$ 0	\$ 1,138,722
3. Travel	\$ 9,500	\$ 12,000	\$ 15,000	\$ 0	\$ 0	\$ 36,500
4. Equipment	\$ 5,087	\$ 6,880	\$ 119,729	\$ 0	\$ 0	\$ 131,696
5. Supplies	\$ 4,000	\$ 4,000	\$ 4,000	\$ 0	\$ 0	\$ 12,000
6. Contractual	\$ 1,232,000	\$ 1,173,500	\$ 1,000,000	\$ 0	\$ 0	\$ 3,405,500
7. Construction	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
8. Other	\$ 54,650	\$ 60,115	\$ 66,127	\$ 0	\$ 0	\$ 180,892
9. Total Direct Costs (lines 1-8)	\$ 2,289,289	\$ 2,289,289	\$ 2,289,289	\$ 0	\$ 0	\$ 6,867,867
10. Indirect Costs	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
11. Training Stipends	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
12. Total Costs (lines 9-11)	\$ 2,289,289	\$ 2,289,289	\$ 2,289,289	\$ 0	\$ 0	\$ 6,867,867



## 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:** Sandy Garrett

**Title:** State Superintendent of Public Instruct.

**Date Submitted:** 12/02/2009

### 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: Sandy Garrett Address: 2500 N Lincoln Blvd City: Oklahoma City State: OK Zip Code + 4: 73105-4599  Congressional District, if known: 05	<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> U.S. Department of Education	<b>7. Federal Program Name/Description:</b> ED-GRANTS-072909-001  CFDA Number, if applicable: 84.384A	
<b>8. Federal Action Number, if known:</b>	<b>9. Award Amount, if known:</b> \$0	
<b>10. a. Name of Lobbying Registrant</b> (if individual, last name, first name, MI): Not Applicable Address: City: State: Zip Code + 4: -	<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI): Not Applicable 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: Sandy Garrett Title: State Superintendent of Public Instruct. Applicant: Education (265) Oklahoma State Department of Education Date: 11/23/2009	
<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.

### APPLICANT'S ORGANIZATION

Education (265) Oklahoma State Department of  
Education

### PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Prefix:                      First Name: Sandy                                      Middle Name:  
Last Name: Garrett    Suffix:  
Title: State Superintendent of Public Instruct.

Signature: \_\_\_\_\_                                      Date: 12/02/2009

ED 80-0013

03/04





# Project Narrative

## Project Narrative - Project Abstract

Attachment 1:

Title: **Project Abstract** Pages: **1** Uploaded File: **Project Abstract OKLDS.pdf**



## Project Abstract

State Superintendent Sandy Garrett captured the essence of the need for these grant resources in the story of a child who moved from foster family-to-family, school-to-school, social service-to-service. Over the years, information about this individual did not get shared effectively to allow school counselors to ensure that the student enrolled in adequate courses to attain eligibility for Oklahoma scholarship assistance for higher education. This is an example of the need for agencies to coordinate their data and services to ensure this student and all others receive every benefit the State offers for their future.

Without the resources of this grant, all the standards, interoperability, infrastructure, processes, policies, and support to solve this one challenge and the thousands of similar ones our schools and other agencies face simply are not available. These grant resources will provide data-driven decision making to adequately support the growing needs of our children, students, and future workers. With the homeless growing by 11% in one year, 60% of births being funded by Medicaid, and the State reducing all agency budgets, Oklahoma needs Federal assistance to accomplish the pre-K through the workplace data coordination.

Six years ago, the original purpose of the Wave, Oklahoma's Statewide Student Information System, was to improve the quality of education for students in Oklahoma, reduce cycle time for providing data for use, reduce district state and federal reporting duplication, and to improve data quality and accountability. Oklahoma State Department of Education has built a PK-12 unique, real-time data collection system that collects via an automated Schools Interoperability Framework (SIF) event-driven system connecting all public school/charter district student information systems. Although that is a great start to the requirements for a P-20 Longitudinal Data System, this application will allow Oklahoma to expand the Wave's P-12 framework into an integrated data warehouse for the State Department of Education internally, as well as expand into a P-20 LDS in linking other agencies – such as additional pre-K Systems, Career and Technology Education, Higher Education and the Oklahoma Employment Security Commission.

The Oklahoma Longitudinal Data System (OKLDS) Project will support the improvement of teaching and learning in the classroom and build a decision support system leveraging multi-year data across agencies statewide that serve individuals from birth through the workplace. Supported by Oklahoma law, OKLDS will be Oklahoma's first federally supported effort that significantly enhances our own four SFSF assurances targeted by this application's components. Our State's early childhood agencies, workforce agencies, and higher education institutions join the State Department of Education (SDE) under this proposal to ensure all seven data system capabilities from ARRA are fully delivered. Our planning team was guided by the 12 data system elements from the America COMPETES Act at every step during the project design.

Oklahoma has not previously received state longitudinal data system grant monies. We are confident that Oklahoma can utilize the P20 LDS system built with these funds to engage a collaboration of agency educational reform by making the commitment and providing the leadership to go beyond politics. Oklahoma will draw upon successes in our current education systems. Please help Oklahoma, with our request for the SLDS grant, to gain the perspective, knowledge and the tools to advance.

# Project Narrative

## Project Narrative - Project Narrative

Attachment 1:

Title: **Project Narrative OKLDS** Pages: **30** Uploaded File: **Project Narrative OKLDS.pdf**

# Project Narrative

## *(a) Need for Project*

The Oklahoma State Department of Education (OSDE), with the assistance of the partners in the application planning process, first analyzed our needs; next aligned them with the four assurances, seven capabilities, and 12 elements; and finally established 12 components for the OKLDS project. An overarching goal is to improve the success of the teaching and learning process in the classroom. Each of the purposes was used to design a component for the OKLDS project. This provided a cohesive organization to the application and will ensure a foundation for the project management plan and the evaluation of the project.

The P-20 LDS is needed to consolidate data into a common system and establish a core information resource across the pre-K to workforce agencies that need to share data about individuals. The OSDE will lead this effort with the resources provided by the LDS grant. Commitments have been made by the participating entities that assisted in the planning of the application. These groups and the information areas they represent include the Oklahoma State Regents for Higher Education, Ed Trust, OJA, Military SASI, ACT(SAT), Career and Technology Education, Oklahoma Department of Employment Security Commission, Office of Accountability, Governor's Council for Workforce Analysis, Governor's Workforce Advisory Board, OK Promise Scholarship, Tulsa School PowerBook, Sooner Start, Smart Start Oklahoma, Parents as Teachers, Early Start, Children First, Birth-3 State Pilot, Oklahoma Partnership for School Readiness, Head Start (multiple programs), Child Plus, Students and Families, Offices of Juvenile Affairs, SB 222 P-20 Council, Oklahoma Association of Community Action Agencies, Oklahoma Commission on Children and Youth, Joint Oklahoma Information Network, Department of Human Services, and Oklahoma Department of Health. Within OSDE, the many programs and offices such as Special Education, Accreditation/Standards, Child Nutrition, Accountability and Assessments, Bilingual Education/Migrant Education, Lifelong Learning, Reading First, State Aid, School Personnel Records and others participated.

The Wave has deployed a longitudinal data system that represents a new technology standard in data collection and data warehousing. Please view Data Flow Chart – Current Status of OSDE LDS in Appendix A. The Wave is in the planning stages to pilot business intelligence tools for districts to not only report data seamlessly to the state, but for district staff to analyze data at the district level to include not only data contained in the Wave as mirrored live from their student information system, but also provide the mechanism for districts to virtually link district Wave information with databases housed at their districts utilizing the unique student identifier. Education improvement is the overall goal.

The Wave was branded, supported, and envisioned by the current State Superintendent of Public Instruction Sandy Garrett. The Wave is seeking to integrate other divisions within the OSDE to expand the data collection from district student information systems with requirements from state and federal reporting. The State Department of Education will also take the opportunity with the grant application to move beyond the Wave's P-12 system to put into place a P-20 system. The lessons learned throughout the past six years of investment with the Wave, and the funds available from this grant, will bring speed, success, data quality and data usage to the forefront of

education. Dynamic education reform may now begin that was never technologically possible before.

The Wave has met some requirements: a unique student identifier assigned to public and charter school students (662,237 assigned/validated as of 12/02/09 for the 2009-2010 school year); student level enrollment, exit, demographic, program participation, transfer, and drop-out information collected in real-time implementing validation rules; and a framework that has the capacity to link with other agencies by expanding the unique student identifier system.

The Wave has the capacity and determination to collect student information to tie to teacher information – and is devising a plan on how this information can be utilized for education reform such as predicting college readiness long before students are ready for college. Finally, the OSDE is firm on establishing a statewide longitudinal data system that is robust, expandable, dynamic and user-managed so that all agencies adequately prepare and educate their customers based on trends, research, and best practices.

OSDE manages all its major projects using PMI methodology and will engage a professional team of on-site management and content experts to ensure both the technical and process aspects of this grant are delivered successfully (Project Management Component). An external evaluation will be contracted to ensure professional guidance and objectivity (Evaluation Component). The Governance Component will create policy, procedures, standards, guidance groups, and coordination across the many different internal OSDE divisions and external statewide agencies that must cooperate and share data for success. The Standards Component is crucial to establishing and communicating the data definitions and interoperability foundations upon which the sharing of data can occur within a P-20 LDS. The Data Warehouse and P-20 LDS Component consolidate the data into a central data store with multiple data marts for access and use. The Wave Enhancements Component builds the capacity for OSDE to add additional data objects for collection from districts with student-record-level SIF collections. This component also builds the consolidated P-20 data warehouse for all P-to-workforce data. Pre-Kindergarten, Career and Technology and Workforce Components provide the support and upgrades required for those levels to contribute quality data to the P-20 LDS. The Higher Education Data Quality Improvement Component builds the capacity for postsecondary institutions to provide quality and timely data to the P-20 LDS for linkage with PK-12. The Electronic Records and Transcript Exchange Component provides for the sharing of critical student information among agencies which includes course and course grades. Finally, the Training and Support Component provides for the education, evaluation, and connection of all components to make education reform a reality.

The OSDE has coordinated the commitments from the pre-K, the Wave, higher education, and workforce agencies to ensure the success of the well-planned components proposed here. We have vetted these plans to determine that the outcomes and timelines are attainable.

Each of the 12 components in this application has been designed to address the challenge of meeting the combined needs and requirements of these partners while addressing all the assurances, components, and elements specified for a State Longitudinal Data Systems application.



## **Component 1: Project Management and Systems Integration**

Purpose: To ensure that the activities funded by the grant are planned and implemented efficiently and effectively to accomplish the project outcomes and improve the teaching and learning effectiveness in Oklahoma classrooms.

Narrative for:

- Project Management
- Systems Integration

The review of other LDS grant recipients has provided Oklahoma with the insight that these SLDS grants present a challenge to an SEA to manage the significant infusion of resources, a sudden initiation of grant activities, and the continuation of all current demands of the systems and projects already active. The Oklahoma State Department of Education proposes to leverage expertise in managing the coordination for internal projects such as working with the Accountability and Assessment Office, Office of Accreditation and Standards, Data Services, Special Education, without disrupting the Wave's notable progress by engaging a professional project management team with experience and expertise specifically relevant for components in this grant. The expertise the OSDE will seek to balance internal resumes includes:

1. Higher education, workforce, and prekindergarten data standards alignment with PK-12;
2. SIF ETL and data exchange with other platforms and standards from Pre-K, workforce, and higher education for the P-20 longitudinal data system;
3. Process management to ensure coordination across all P-20 policy and methodology; and
4. Experience with P-20, USED, SIFA, PESC, NCES, NEDM, SCED, *EDFacts*, and the many other national standards and groups that impact the interoperability of the data that will reside within the P-20 longitudinal data system in the future.

## **Component 2: Data Warehouse and P-20 Longitudinal Data System**

Purpose: To build and manage data stores that contain quality data that meet the demands for decision making. To process and deliver reports that are timely, usable and accurate. Please see Data Flow Chart – P20 LDS Reporting Model.

Narrative for:

- The Wave Data Warehouse and Data Marts
- The Oklahoma State Department of Education Data Warehouse Data Marts
- The Oklahoma P-20 Longitudinal Data System
- P-20 Decision Support System—Reporting

Oklahoma has established that we can build on our own viable data systems that collect, store and report data for decision making. The U.S. Chamber of Commerce, the Data Quality Campaign, and others give us good grades. However, grades reflect the capability to deliver, not necessarily the practice that is being performed or the needed resources to implement fully the capacity. This application provides the OSDE the opportunity to come together and set out in a single plan how the State of Oklahoma can build a P-20 longitudinal data system. We took to heart the seven required data system capabilities from the American Recovery and Reinvestment Act and brought together agencies statewide for discussion. We looked internally at ourselves to

see the need for linking student data, teacher data, certification data, performance data, quality data, and delivering data on to *EDFacts*. The 12 system elements from the America COMPETES Act were reviewed. In the end, all this met OSDE needs. All this met the design the OSDE proposes for the P-20 Longitudinal Data System described here as a consolidated data store compliant with Oklahoma state laws.

The Wave initiated the building of a robust data warehouse internal to OSDE. This model takes us well down the road in terms of modeling and design. The need for OSDE and the public schools is to finally have the resources to complete the collection and validation of the individual records submitted using SIF objects, including Oklahoma custom objects, through the Wave.

In the planning for this application, all the participating agencies cited their frustrations with having data but not having access to the data. Beginning to have multiple years of data, but not having an analysis tool for looking across years was disappointing. CPSI is currently contracted to provide analysis tools for the Wave, but the licensing and capacity will need to be expanded to include the other agencies, the districts, and the public. When the P-20 LDS is functioning, the emphasis will be on the need for reporting high quality and reliable information. Already the pressure with the planning for the Race to the Top design is for public access to information and access to data across all public agencies. Thus, a priority for OKLDS is definitely on providing access to data for decision making not only to the participating agencies, but also to researchers, business leaders, and policy makers.

The data warehouses and reporting functionality proposed in the OKLDS will open up access to the value that is now locked within the data spread across our schools, OSDE, higher education, pre-K services, and workforce agencies. The P-20 LDS should build the capacity for all stakeholders to use longitudinal data. Currently, the Wave has instituted the implementation of xDTools, which is a robust and easy to use Business Intelligence toolset and xDAdHoc for reporting and dashboards.

The current licensing does not allow for extensive use by stakeholders outside the OSDE, and only provides for limited functionality at the district level. The system has the capability to provide all the functionality required and requested by the various agency and district stakeholders. Part of this funding request will be used to extend the licensing and implementation of a Decision Support System for all stakeholders.

This toolset supports the development of early warning systems, growth models, and analysis tools using the longitudinal student data. The analysis will inform stakeholders, ultimately improving teaching and learning. It builds the capacity for all stakeholders to use longitudinal data for effective decision making.

The OKLDS emphasizes the role of a robust data system in planning processes for school improvement and for professional development activities. Teachers will have access to data to use for enhancing their teaching processes. The system supports and invests in the current advances in technology that will improve the efficiencies of data access, data analysis, and stakeholder communication.



