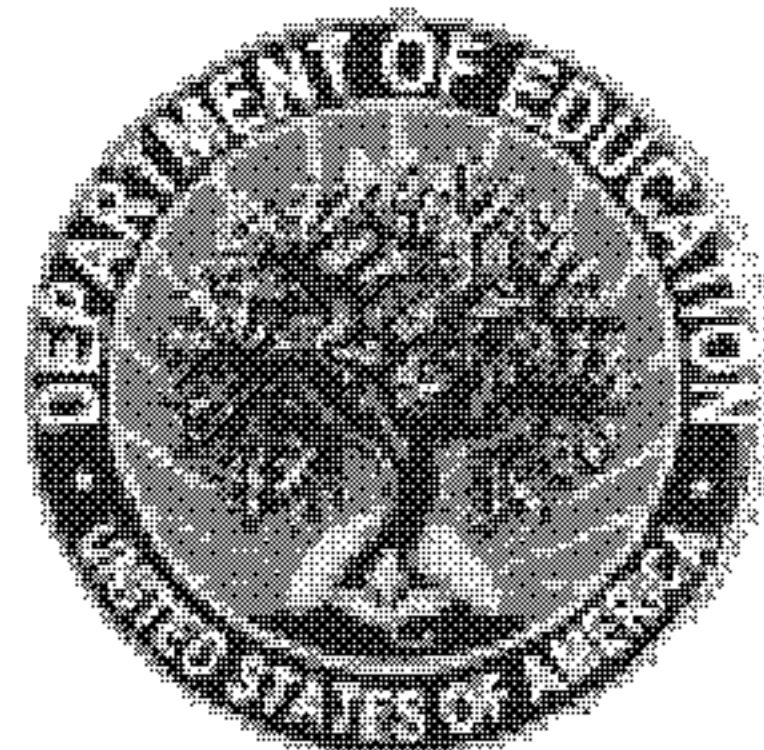


U.S. Department of Education

Washington, D.C. 20202-5335



APPLICATION FOR GRANTS UNDER THE

**STATEWIDE LONGITUDINAL DATA SYSTEM RECOVERY ACT GRANTS
CFDA # 84.384A
PR/Award # R384A100047**

Closing Date: NOV 19, 2009

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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:
	N/A

State Use Only:

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

8. APPLICANT INFORMATION:

* a. Legal Name: Department of Education of Puerto Rico

* b. Employer/Taxpayer Identification Number (EIN/TIN):	* c. Organizational DUNS:
660433481	090142522

d. Address:

* Street1:	PO Box 190759
Street2:	
* City:	San Juan
County:	
State:	PR
Province:	
* Country:	USA
* Zip / Postal Code:	00919

e. Organizational Unit:

Department Name:	Division Name:
Office of the Secretary	

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

Prefix:	Mr.	* First Name:	Richard
Middle Name:			

* Last Name: Martinez

Suffix:

Title: Special Aide to the Secretary

Organizational Affiliation:

* Telephone Number: (787)773-5821 Fax Number: (787)250-0275

* Email: MARTINEZR@DE.GOBIERNO.PR

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:

Grants for Statewide Longitudinal Data Systems under ARRA

13. Competition Identification Number:

Title:

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

Puerto Rico - islandwide

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

Puerto Rico Statewide Longitudinal Data System (PR-SLDS)

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: PR98

* b. Program/Project: PR98

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

Attachment:

Title :

File :

17. Proposed Project:

* a. Start Date: 6/1/2010

* b. End Date: 9/24/2012

18. Estimated Funding (\$):

a. Federal	\$ 10614548
b. Applicant	\$
c. State	\$
d. Local	\$
e. Other	\$
f. Program Income	\$
g. TOTAL	\$ 10614548

*** 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: Edward
Middle Name:
* Last Name: Moreno
Suffix:

Title: Acting Secretary of Education

* Telephone Number: (787)773-5800 Fax Number: (787)250-0275

* Email: MORENO_E@DE.GOBIERNO.PR

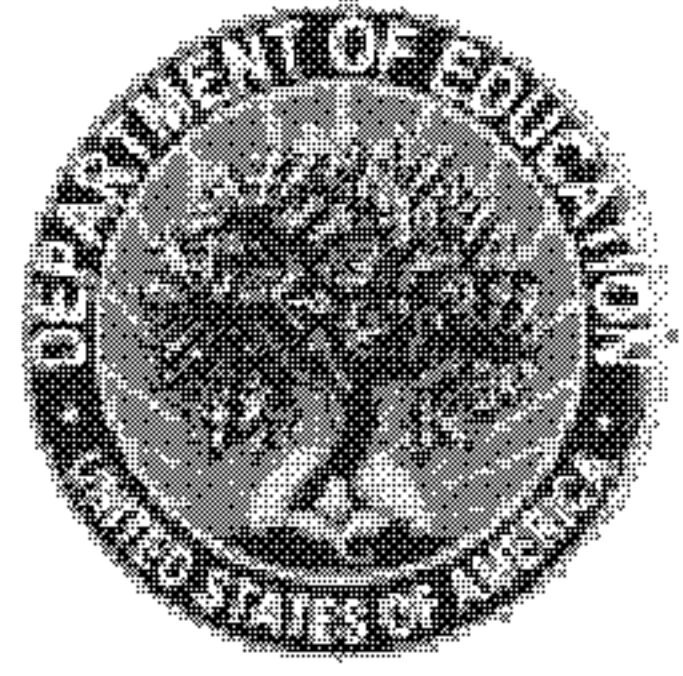
* Signature of Authorized Representative: * Date Signed:

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:
Department of Education of Puert...

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	\$ 1,349,419	\$ 1,719,666	\$ 1,968,417	\$ 0	\$ 0	\$ 5,037,502
2. Fringe Benefits	\$ 310,366	\$ 395,523	\$ 452,736	\$ 0	\$ 0	\$ 1,158,625
3. Travel	\$ 16,562	\$ 16,562	\$ 16,562	\$ 0	\$ 0	\$ 49,686
4. Equipment	\$ 0	\$ 430,000	\$ 0	\$ 0	\$ 0	\$ 430,000
5. Supplies	\$ 85,000	\$ 36,000	\$ 36,000	\$ 0	\$ 0	\$ 157,000
6. Contractual	\$ 250,000	\$ 2,335,647	\$ 600,000	\$ 0	\$ 0	\$ 3,185,647
7. Construction	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
8. Other	\$ 300,000	\$ 0	\$ 150,000	\$ 0	\$ 0	\$ 450,000
9. Total Direct Costs (lines 1-8)	\$ 2,311,347	\$ 4,933,398	\$ 3,223,715	\$ 0	\$ 0	\$ 10,468,460
10. Indirect Costs*	\$ 39,133	\$ 49,870	\$ 57,084	\$ 0	\$ 0	\$ 146,087
11. Training Stipends	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
12. Total Costs (lines 9-11)	\$ 2,350,480	\$ 4,983,268	\$ 3,280,799	\$ 0	\$ 0	\$ 10,614,547

***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

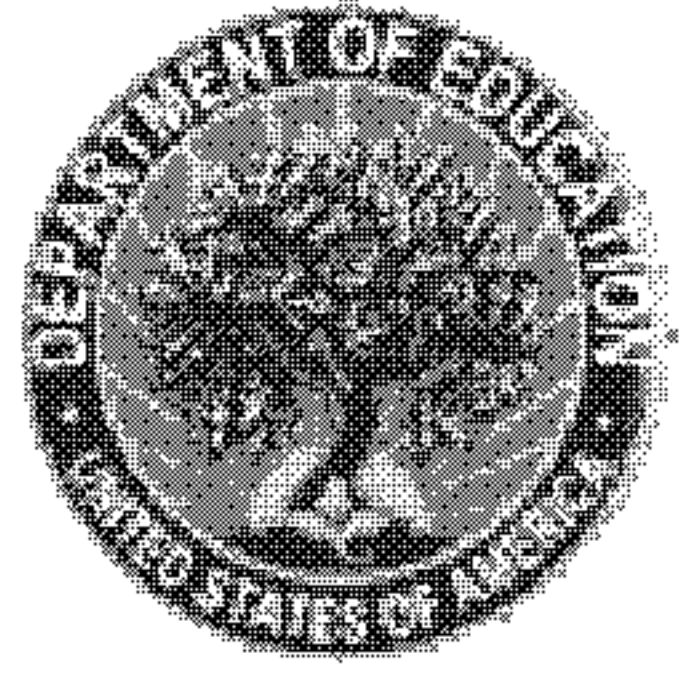
(2) If yes, please provide the following information:

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 2.9%

(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:
 Department of Education of Puert...

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: Edward Moreno

Title: Interim Secretary of Education

Date Submitted: 12/02/2009

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 checked="" 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 checked="" type="checkbox"/> Initial Award <input type="checkbox"/> Post-Award	3. Report Type: <input checked="" 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: Puerto Rico Department of Education Address: PO Box 190759 City: San Juan State: PR Zip Code + 4: 00919-0759 Congressional District, if known: 01	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: United States Department of Education	7. Federal Program Name/Description: CFDA Number, if applicable: 84.384	
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): N/A Address: City: State: Zip Code + 4: -	b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI): N/A 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: Edward Moreno Title: Acting Secretary of Education Applicant: Department of Education of Puerto Rico Date: 12/02/2009	
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
Department of Education of Puerto Rico
PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE
Prefix: Mr First Name: Edward Middle Name:
Last Name: Moreno Suffix:
Title: Acting Secretary of Education
Signature: _____ Date: 12/02/2009

ED 80-0013

03/04

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

1. Project Director:

Prefix: * First Name: Middle Name: * Last Name: Suffix:
Mr. Richard Martinez

Address:

* Street1: Calle Federico Costa #150
Street2:
* City: San Juan
County:
* State: PR * Zip / Postal Code: 00919 * Country: USA

* Phone Number (give area Fax Number (give area
code) code)
(787)773-5821 (787)250-0275

Email Address:

MARTINEZR@DE.GOBIERNO.PR

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 Final** Pages: **1** Uploaded File: **C:\Users\gfernandez\Documents\Project Abstract Final.pdf**

5. *Abstract*

The Government of Puerto Rico has chartered the Puerto Rico Department of Education (PRDE), the Puerto Rico Council on Higher Education (PRCHE), the Puerto Rico General Council of Education (PRGCE), which covers private schools at level Pk-12 as well as postsecondary vocational education, the Puerto Rico Department of Labor and Human Resources (PRDLHR) and the Puerto Rico Institute of Statistics (PRIS), with the development of the State Wide Longitudinal System. The project, titled the *Puerto Rico Statewide Longitudinal Data System* (PR-SLDS) shall be built leveraging the existing investments in technology, such as the Student Information System (SIS) and Data Warehousing Technologies, in addition to providing the necessary infrastructure, systems and interoperability mechanisms to support data sharing / analysis across key information stakeholders. Finally, the project calls for the development of the “Information Portal” required to ensure the dissemination of information across a wide array of information stakeholders. The proposed project encompasses a three year effort which covers the following objectives:

- Establishment of the Data Governance Structure and Data Management capabilities required across agencies, to promote and sustain the use of SLDS data for improved decision making.
- Establishment of the necessary technology infrastructure and systems to support the integration of Pk-12 data across public and private schools, the necessary infrastructure / systems for data collection across all levels of the postsecondary system, the necessary interoperability mechanisms across the Pk-20 landscape and the required data repository to support the development of the SLDS.
- Development of the required data repository and Business Intelligence Tools (BI) to support the implementation of a Statewide Longitudinal Data System (SLDS).
- Establishment of a portal with the necessary dashboards and reporting tools for dissemination of information to the diverse group of information stakeholders across the island.

The PR-SLDS outcomes upon completion will include longitudinal information covering a wide array of areas, such as statewide school and postsecondary student counts, unique student identifiers, participation in programs, assessment data, curriculum, teacher certification, transition into postsecondary institutions and transition into the labor market. As a result, the wide array of information stakeholders will have access to critical information on Puerto Rico’s student population. Stakeholders are policymakers, administrators, teachers, parents, students, analysts, researchers and universities. This information includes the process in which the students go through the primary, secondary and postsecondary schools, eventually incorporating themselves into the labor market. This will help drive informed decision making, improved use of state and federally funded programs, accountability and school improvements. In all, the development of the PR-SLDS will help drive significant opportunities for Puerto Rico to improve the education process and drive improved overall student academic achievement.

The funding requested for this three-year effort is \$10,614,548

Project Narrative

Project Narrative - Project Narrative

Attachment 1:

Title: **Project Narrative** Pages: **20** Uploaded File: **PR SLDS Project Narrative Final[1].pdf**

Puerto Rico Department of Education

Application for Grant for Statewide, Longitudinal Data Systems under the American Recovery and Reinvestment Act of 2009

November 2009

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Project Narrative

A. Need for Project

The Puerto Rico Department of Education (PRDE) is requesting the assistance of the Institute of Education Sciences (IES), through its Statewide Longitudinal Data System (SLDS) Grant Program, in order to develop a true SLDS for the island. Although Puerto Rico some of the SLDS components already in place, they need to be integrated for effective decision-making in both the educational and labor arenas.

Why is an SLDS so Essential for Puerto Rico?

Puerto Rico, in its fourth year of economic recession, faces great educational and employment challenges. Approximately 750 of the 1,519 schools in our public school system have been identified as in need of improvement, corrective action or restructuring. The island is also currently dealing with a 16.4% unemployment rate. Puerto Rico needs an informed, cost-efficient strategy to manage its human resources, providing its young people with a world-class education in conjunction with an attractive and responsive labor market. A fully integrated SLDS will go a long way in helping to achieve long-term success, since it would allow decision-makers to gauge the efficacy of curriculum and teaching initiatives in a timely fashion, while monitoring the interaction between educational plans and the job market. An SLDS will help the government of Puerto Rico achieve a balanced and sustainable economic development, while fostering in its population the kind of personal and professional growth associated with a quality education.

Who is Involved in Puerto Rico's SLDS Initiative?

Although the PRDE is the principal proponent in this effort, it is by no means the only one. This application represents a committed partnership amongst representatives of the main stakeholder organizations, which are:

- The Governor's Office

The government structure of the Commonwealth of Puerto Rico is similar to those of other US states in terms of management of Federal funds. The Governor, as leader of the Commonwealth's executive branch, has authority over the island's internal affairs. The executive branch includes departments such as: Department of Education, Department of Health, Department of Labor, Department of Commerce, Department of Treasury, Department of Agriculture, and the Department of Transportation and Public Works.

- The Puerto Rico Department of Education (PRDE)

The Puerto Rico Department of Education (PRDE) is a unitary educational system which acts as both the State educational agency (SEA) and the local educational agency (LEA). The PRDE is made up mainly of three administrative levels: the central-level, (7) educational regions, and 1,499 schools (66% of the total schools in PR). The PRDE is the sole SEA/LEA

operating in Puerto Rico. In terms of dimensions, the PRDE currently encompasses 75% of the total Pk-12 student population and 80% of the teachers in PR.

– The Puerto Rico Council on Higher Education (PRCHE)

The Law 17, approved on the 16th of July 1993, grants the PRCHE the responsibility for licensing all programs and institutions of higher education (i.e. associates degree or higher) both public and private.

– The Puerto Rico General Council of Education (PRGCE), which covers private schools at level Pk-12, as well as vocational postsecondary education

The Law 148, approved July 15, 1999, grants the PRGCE the power to issue licenses to establish and operate private schools at preschool, elementary, secondary, vocational, technical and highly skilled, and postsecondary of non-university nature levels. It also grants the PRGCE the power to accredit schools of the public education system and private schools, that request it, through procedures which verify that they operate at satisfactory levels of excellence.

– The Puerto Rico Department of Labor and Human Resources (PRDLHR)

The PRDLHR is an executive department of the Government of Puerto Rico; it was created by the Law 15 of 1931, and then its existence was recognized at the moment of the approval of the Constitution of the Commonwealth of Puerto Rico in 1952. The department is responsible for public policy and management of labor legislation, occupational safety, unemployment insurance benefits, re-employment services, human resources training, and some economic statistics.

– Puerto Rico Institute of Statistics

The Puerto Rico Institute of Statistics is a recently-minted state government organization charged with the responsibility of developing the statistical policy of Puerto Rico and coordinating the production of Puerto Rico government statistics, with the objective of ensuring universal and timely access to reliable and comprehensive statistical information on Puerto Rico. The work of the Institute is both inter-disciplinary and research-oriented in nature.

As evidenced in Appendix D, many other stakeholder groups support this effort and are ready to participate in its implementation.

Status of Puerto Rico's SLDS Initiative

The Puerto Rico Department of Education has already made investments conducive to the development of the foundation work for a PR-SLDS. In 2005-2006 the local government invested \$39 million in the development of the Student Information System in 1,523 schools in Puerto Rico. In addition, approximately \$1.5 million has been invested in the development of a comprehensive data warehouse solution which articulated information across sources and

addresses compliance reporting such as EDFacts. On the other hand this system does not currently monitor private school students or postsecondary level data. The island does not have a comprehensive individual achievement mechanism for levels 12 through 16, although it has started efforts to gather this data from local postsecondary entities. The PRDLHR has most Puerto Rican employees in its unemployment insurance system, but is not integrated with the public school system and does not include postsecondary level data. This ARRA grant would be the first grant Puerto Rico receives from the IES for the development of a SLDS. For more information on current implementation status for the required data system capabilities and elements, please refer to Appendix C of this application.

B. PR-SLDS Project Outcomes

The proposed project will leverage the existing investment in the Student Information System (SIS) and build upon its capabilities. In addition, data specifications aligned with national standards will be incorporated and data quality standards and processes will be developed to ensure alignment and data exchange across Pk-12 and higher education institutions. In addition, interoperability improvements will be incorporated to ensure the necessary integration across the Pk-20 landscape in Puerto Rico. The key objectives encompassed within this three year effort are the following:

- Establishment of a Data Governance structure along with related processes and tools.
- Establishment of the necessary technology infrastructure and systems to support the integration of Pk-12 data across public and private schools, the necessary infrastructure / systems for data collection at all levels of the postsecondary system, the necessary interoperability mechanisms across the Pk-20 landscape and the required data repository to support the development of the PR-SLDS.
- Development of the required data repository and Business Intelligence Tools (BI) to support the implementation of a PR-SLDS.
- Development of the required Information Portal to support the diverse set of information stakeholders.

Background:

Pk-12 School System:

The current SIS used within the public education system (i.e. SIE) supports all of its 1,519 schools, over 42,000 teaching staff and 492,296 students. The current system encompasses the following information: student demographics, participation in programs, individual assessment information, and classroom level information including teacher certification among other areas. In addition, the system currently generates a unique student identification at the time of

enrollment. However, at this point this capability is limited to the 1,519 schools within the public system. An essential part of this project is the expansion of the current SIS to incorporate relevant information from the private schools system, which currently serves 161,697 students across 771 institutions on the island.

Postsecondary / Higher Education Institutions:

At present, the Puerto Rico Council on Higher Education and the Puerto Rico General Council of Education, which cover private schools at level K-12 as well as postsecondary education have limited infrastructure and systems to support the development of the PR-SLDS. Currently, there are only three statewide data collection systems in Puerto Rico: The Integrated Postsecondary Education Data System (IPEDS) of the National Center for Educational Statistics (NCES), The Transfer Out Reporting System (TORS), which measures inter-institutions transfers, and the Payroll Student Financial Aid System (*Sistema de Nómina de Ayuda Financiera a Estudiantes - SINAFE*), which measures financial aid payments to students. While IPEDS covers all Title IV institutions in Puerto Rico, it is not Student Unit Record (SUR) based, does not include many important and interesting variables and is not well suited to the higher education environment of Puerto Rico. On the other hand, both TORS and SINAFE are very limited in their scope and do not cover the whole universe of institutions and students.

As part of this initiative, a needs assessment will be conducted to determine the required infrastructure and systems to support the development of the PR-SLDS and the staffing structure required.

Department of Labor & Human Resources:

As with the PRCHE and PRGCE, the current systems deployed at the Department of Labor are not fully supportive of a SLDS. At present, these systems are very limited in terms of the basic information and are also limited in terms of available staffing to incorporate under the SLDS initiative.

The proposed project will establish the groundwork across these key information stakeholders in order to get improved data governance, information sharing, and development of the SLDS and the ongoing sustainability of the system.

As part of this groundwork, it is extremely important to establish the necessary Governance and Data Management Structure spanning across these organizations to ensure the establishment of standards, the on-going administration / monitoring of information, the training to key information stakeholders and ensuring compliance with applicable information management laws.

Goals:

The specific goals and objectives for the PR-SLDS are:

Goal 1:

Development of Statewide data governance structure, processes, and tools.

- 1.1 Establish data governance structure to develop and manage standards, drive sustainability and overall data quality and incorporate stakeholders to enable data based decision making across state leadership functions.
- 1.2 Provide leadership during the “Change Management Process” and design / develop the necessary training and orientation programs to support all information stakeholders.
- 1.3 Establish strong privacy procedures, including the proper addressing of the related laws pursuant to information privacy (i.e. FERPA) and the necessary orientation to information stakeholders.

Outcome:

Established governance structure, processes and tools with published standards and training programs.

Goal 2:

Establishment of the necessary infrastructure and systems to support the development and sustainability of a SLDS. This will encompass leveraging the existing SIS to encompass data pertaining to Pk-12 schools (both private and public;) the necessary infrastructure / systems to support the PRCHE and PRGCE and postsecondary institutions, the establishment of a secure interoperability model to ensure data sharing across key information stakeholders and the central repository of information.

- 2.1 Conduct needs assessments across key information stakeholders (PRDE, PRCHE, PRGCE, PRDLHR, postsecondary institutions) and define technical requirements for (a) infrastructure and (b) systems deployment and establish the necessary action plans.
- 2.2 Establish the necessary infrastructure and Information Technology (IT) systems to support PR-SLDS capability across the PRCHE and PRGCE entities.
- 2.3 Determine secure interoperability mechanisms to drive information sharing across platforms. These will cover Pk-12 (public & private), higher learning entities and the Department of Labor.
- 2.4 Leverage the current ED Facts methodology / design to capture information across a varied landscape of systems solutions across the private schools systems.
- 2.5 Expand the current SIS capabilities to not only manage information pertaining to the existing public school system (i.e. 1,519 schools and 492,296 students) but also to include the relevant private school information (i.e. 771 schools and 161,697) to support the development of the Pk-12 repository and drive a unique student identifying mechanism.
- 2.6 Incorporate advanced placement testing scores to student database as required by PR-SLDS data requirements.
- 2.7 Adoption of national data element standards to ensure adherence to standards and drive improved interoperability at a state level.

