

**AELAS Standardized Student Data Store  
Arizona Department of Education**

PIJ ID:	ED14009	Project Start Date:	10/29/2013	Project End Date:	6/30/2014
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**Project Change Request (Amendment)**

Date Submitted:	6/11/2014	Prepared by:	Anish Verma
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Affected Areas: (Check all that apply)	Project End Date <input checked="" type="checkbox"/>	Development Cost <input checked="" type="checkbox"/>	Project Scope <input checked="" type="checkbox"/>
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**NOTE:** The appropriate revised pages from the Project Investment Justification (PIJ) document MUST accompany this form.

Currently Recorded Dates/Costs				Requested Revisions To Dates/Costs			
Start Date	End Date	Development Cost	Total Cost	Start Date	End Date	Development Cost	Total Cost
10/29/13	02/27/15	\$ 450,000	\$ 450,000	10/29/13	06/30/15	\$ 1,050,000	\$ 1,050,000

**Change Description (AS IS TO BE)**

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**AS IS:**

**Phase 1/ FY14 (10/31/2013 to 02/27/2015):**

1. Map existing education organization data into the Ed-Fi data model.
2. Develop education organization data change management application using MDCRM.
3. Develop role-based permissions to enable finer-grained controls for data access.
4. Integrate the permissions with roles provided by ADEConnect.
5. Perform one time population of data.
6. Provide the capability to periodically extract data from the new system and re-create the current Enterprise database, to be replicated to downstream consumers.

In FY 2014 Phase 1 deliverables, ADE has completed all of the deliverables listed above with the exception of milestone 2, 5, and 6 which are still in progress and will be completed using Automated Project Funds (APF) FY 2014 carryover funding and if needed some APF FY 2015 funding.

**To-BE:**

Requesting new project end date of June 30, 2015 and add \$600,000 in additional funds to complete In Progress deliverables of FY14 and the additional scope outlined for Phase 2

**Phase 2/ FY 15 (08/01/2014 to 06/30/2015):**

*In FY2015, ADE is proposing to use funding to complete the following milestones:*

1. *Identify Arizona Department of Education (ADE) program areas that utilize information stored within Enterprise (ADE's legacy data system) , such as*
  - a. *Role played by an Organization, for example feeder sites, consortiums, charter holders, schools, districts, etc.*
  - b. *Relationships between roles of an organization, for example a college or university may act as a charter sponsor, a public school may belong to a school district or charter district, etc.*
  - c. *Primary contacts for the organization based on its role, for example an organization may have different contacts if it acts a college or university and other set of contacts when it acts as a charter sponsor.*
  - d. *Demographics for example billing, physical, and mailing address of an organization based on its role, for example the billing, physical, or mailing address of an organization may differ when it acts a college and also acts a charter sponsor.*
2. *Identify only, ADE applications that use data stored within one of the 12+ copies of Enterprise. Such as Health and Nutrition to achieve the goal of reducing*

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**12+ copies of Enterprise to a single source of truth.**

**3. Develop interfaces to consume data from Enterprise replacement, for example:**

- a. Develop web based interface using web services from Microsoft Dynamics CRM to enable Local Education Organizations that currently receive funds from ADE to view and request changes for information pertaining to their individual organizations, such as name of the organization, role it may play, relationships it may have, primary contacts, and demographics as further described under bullet 1.**
- b. Develop Microsoft Dynamics CRM based intranet interface to enable ADE Program areas to be able to view information on all organizations and apply changes to information pertaining to their individual organizations, such as name of the organization, role it may play, relationships it may have, primary contacts, and demographics as further described under bullet 1.**

Phase 3 (FY 16):

While not included in the scope of work at this time, if funding is available in FY2016, the following milestones will be completed:

1. Establish a timeline for refactoring the applications to use these interfaces instead of reading data directly from the copies of Enterprise database.
2. Sunset all identifiable copies of Enterprise database.

**Business Justification Summary**

The change request lists all the interfaces that are need to fully operationalize Organization Entity Management System with the workflow based automation. The initial PIJ only identified developing the front end interface for School Finance and Helath and Nutiriton to manage data on educational organizations, where as this one extends this interface to other program areas to be able to request changes pertaning to their program areas. It also adds the much needed funtionality of managing contacts through a unified interface. This will enable sunsetting of Enterprise begining FY 2016.

**List Known Dependencies/Risks/Constraints**

Dependency: OEMS funtionalities will be developed based on requirements provided by EdORg taxonomy group. The change management interface will comply the process defined by Data Governance in partnership with EdOrg team.

Submitted by (Printed Name)

Anish Verma

Chief Information Officer (Printed Name & Signature)

Mark T. Masterson



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Attach CIO signature for Cost changes. Email from CIO acceptable for other changes. Complete all information above this line.

(For CIPA Use Only)

Reviewed by:

Review Date:

Approved by:

Approved Date:

Comments: