

AELAS Organization Entity Management
Arizona Department of Education

PIJ ID:	ED14009	Project Start Date:	10/29/2013	Project End Date:	6/30/2015
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Project Change Request (Amendment)

Date Submitted:	7/20/2015	Prepared by:	Tom Watkins / Brian Kaplinski
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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	06/30/15	\$ 1,050,000	\$ 1,050,000	10/29/13	10/15/15	\$1,197,653.00	\$1,197,653.00

Change Description (AS IS - TO BE)

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AS-IS:

Current \$1,050,000 development costs includes \$35,000 hardware costs which was not used.

1. Designed data model in CRM for supporting Ed-Org conceptual data model.
2. Created forms for managing data in Ed-Org.
3. Created web services to expose the CRM data as web services.
4. Created SQL Server Integrated Systems Package to load data from Enterprise.
5. Built frameworks to support versioning, history, change requests and work flows.
6. Created and customized CRM security.
7. Installed, configured and integrated CRM with AD and exchange.
8. Built data work model for outreach and Opt-in using the OEMS data entities.

TO-BE:

Move FY15 \$35,000 from Hardware budget to P&OS. We need an additional \$147,653 for P&OS for FY 2016 to be funded by AELAS:EXP-BFY15 - Activity Code 410108 - Production Services Personnel Augmentation.

The additional \$147,653 in costs is all for P&OS.

The following tasks were not included in the initial scope of the OEMS project. They are required for developing automated change requests, tracking change history and providing audit functionality:

1. Add program codes to OEMS.
2. Update data model.
3. Create queues.
4. Create workflow for change request.
5. Create change request reports indicating the requested changes.
6. Develop the exposed webservice for the user interface (UI) to indicate the UI changes requested.
7. Perform system and integration tests.
8. Perform user acceptance tests.
9. Deploy to production.
10. Perform final data push from Legacy Enterprise to OEMS.
11. Deploy enterprise sync to production.

Business Justification Summary

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The work remaining includes automating change requests with approvals to the appropriate program areas and enabling users with valid permission to review history of actions and changes to entity information. It also includes loading program codes. These features are critical for OEMS to be a useful tool to the business and is estimated to reduce labor costs over \$370,000 per year. The reduction in labor costs was determined by using an estimated loss of productivity of 20% if change request automation is not developed in OEMS.

Implementing automated change control with history and audit capabilities is estimated to save 3 FTEs per year (2 FTEs in School Finance, 1 FTE in ESS). With an average pay rate of \$45 per hour and 36% overhead rate, the total savings per year is \$374,544 (or \$31,212 per month). The estimated payback period is 5.8 months and the Return on Investment (ROI) is estimated at 108% per year.

If automation of the change request and approval process is not developed for OEMS, there will be additional costs creating new procedures for processing entity changes in OEMS.

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List Known Dependencies/Risks/Constraints

Dependencies: Successful validation of Ed-Org data. New fiscal year roll-over of legacy Enterprise data.

Risks: Inability to complete above tasks due to funding constraints.

Constraints: Funding.

Submitted by (Printed Name)

Chief Information Officer (Printed Name & Signature)

Tom Watkins

Mark Masterson

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

(For GITA Use Only)

Reviewed by:

Review Date:

Approved by:

Approved Date:

Comments: