

**MyDEQ Project - Phase 1**  
**Arizona Department of Environmental Quality (ADEQ)**

PIJ ID:	EV14003	Project Start Date:	11/4/2013	Project End Date:	6/30/2014
Agency Contact:	Gary A. Heller	Phone:		Email:	
Project Manager:	Khursheed Mallick	Phone:		Email:	

**Project Change Request (Amendment)**

Date Submitted:	5/6/2014	Prepared by:	Khursheed Mallick
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Affected Areas: (Check all that apply)	Project End Date <input 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
11/04/13	06/30/14	\$ 5,000,000	\$ 5,330,726	11/04/13	06/30/14	\$ 5,365,000	\$ 5,695,726

Change Description (AS IS - TO BE)

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1.) Requesting change to increase Software component of development budget by \$42,629. This is due to a requirement that developed for two software packages (Puppet and Tasktop Sync Software) that were identified later during the project, after the writing of the PIJ. Cost of Puppet is \$22,037 and Task Top Sync is \$31,838.

2.) Requesting change to increase Professional and Outside Services component of development budget by \$423,408. Reasons that led to this increase are:

\* Roles that were not identified at the time of writing of the PIJ were later required for completing the project. These included Project Advisor, Project Assistant, 2 extra Oracle Developers and 1 extra QA Engineer.

\* Independent third party audit/review of the project requested by JLBC. This led to an additional cost of \$50,000

\* Delay in project due to external dependencies led to overtime hours. These dependencies included JBilling and WSO2. Delay in JBilling (from February to April and now to May) had an adverse effect on myDEQ Project. Learning curve on WSO2 had been very steep and more prolonged.

3.) Requesting change to move \$101,037 from Hardware component of development budget to Professional & Outside Service component of development budget (included in the \$423,408 cited in #2). This is because we will not need to purchase additional storage space for myDEQ Project. We would like to use that money on Professional and Outside Services instead, for the reasons cited in #2 above.

4.) Requesting change to scope to deliver deeper functionality to a more specific set of business areas than originally anticipated. Through iterations of the Agile process, it became apparent that instead of delivering limited functionality for a wider variety of permits, our customers will be better served by developing deeper functionality within each permit. For example, instead of limiting RCRA - EPA ID just to the initial notification, our customers will prefer that we also deliver subsequent notification and deactivation functionality. For the self-monitoring report form (SMRF), instead of delivering upload SMRF only, our customers will prefer upload SMRF, search and view data, and receive validation. We are requesting that the scope of Phase 1 be limited to the following business transactions that will be released to production:

1. Payments - QuickPay; 2. Customer - Create Account; 3. Customer Validate Account; 4. Customer - Receive Cromerr Certification; 5. Customer - Create user roles; 6. Customer - Manage Mailing Preferences; 7. Place - Create Place; 8. Place - Search, Associate and Delete Place; 9. Place - Validate Place; 10. Landing Page - View My Stuff; 11. Landing Page - Receive Alerts (SMRF); 12. SMRF - Upload SMRF; 13. SMRF - Search and View Data; 14. SMRF- Receive Validation Reports

#### Business Justification Summary

1. Puppet software is required to manage more than 100 Virtual Machines that we now have for myDEQ project; Task Top Sync is required to seamlessly integrate RallyDev, Bugzilla and IBM's Rational Requirements Composer (RRC) and Rational Quality Manager (RQM).

2. We needed two extra Oracle developers for ensuring that changes to our AZURITE database (legacy) as a result of myDEQ project get done on time. We needed some more help on the requirements gathering and UAT phases of the project that led to hiring a Project Advisor, our QA engineers were working at considerably higher than 100% capacity which was becoming a bottleneck. Thus we hired another QA engineer. Finally an Independent Third Party vendor was selected to meet the requirements set by Joint Legislative Budget Committee (JLBC).

3. In order to meet our customers' requirements better we made a change to the scope of project. We are now developing deeper functionality in each business area. Examples (SMRF and RCRA) are cited above.

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List Known Dependencies/Risks/Constraints

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Submitted by (Printed Name )	Chief Information Officer (Printed Name & Signature)
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Khursheed Mallick	Gary A. Heller
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Attach CIO signature for Cost changes. Email from CIO acceptable for other changes. Complete all information above this line.

(For ASET Use Only)

Reviewed by:		Review Date:	
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Approved by:		Approved Date:	
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Comments:

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