

CA - PMM

Project Name: Materials Certification & QCQA System (MCQS)

OCIO Project #:

Department: Department of Transportation (Caltrans)

Revision Date: 10/12/10

Concept Statement

Description

Brief description of the proposed project:

Develop a Web-based application that will allow contractors and Caltrans field staff to enter materials data in an electronic form specific to each project.

Need Statement

High Level Capabilities Needed:

System that allows data input from contractors and field staff.

What is Driving This Need?

Certain materials incorporated into construction projects must be certified or tested to ensure they meet contract requirements. A log of material certifications is to be kept with each project. Currently, logs are not always up to date nor readily available. Caltrans is heading toward a Quality Control/Quality Assurance process on materials in which the contract establishes control mechanisms to ensure quality products and contractor performance of quality work.

Risk to the Organization if This Work is Not Done:

Current paper form system will continue with danger of errors and inaccurate data.

CA - PMM

Project Name: Materials Certification & QCQA System (MCQS)

OCIO Project #:

Department: Department of Transportation (Caltrans)

Revision Date: 10/12/10

Concept Statement

Benefit Statement

Intangible Benefits

Process Improvements (describe the nature of the process improvement):
TBD.

Other Intangible Benefits:
TBD.

Tangible Benefits

Revenue Generation (describe how revenue will be generated):
TBD.

Cost Savings (describe how cost will be reduced):
TBD.

CA - PMM

Project Name: Materials Certification & QCQA System (MCQS)

OCIO Project #:

Department: Department of Transportation (Caltrans)

Revision Date: 10/12/10

Concept Statement

Cost Avoidance (describe the cost and how avoided):
TBD.

Risk Avoidance (describe the risk and how avoided):
TBD.

Improved Services:
TBD.

Consistency

"No" Responses 		Rationale	Action Required
Enterprise Architecture			
Business Plan			
Strategic Plan			

Impact to Other Entities

Nature of Impact to Other Entities

Entity:
Describe the nature of the impact:

CA - PMM

Project Name: Materials Certification & QCQA System (MCQS)

OCIO Project #:

Department: Department of Transportation (Caltrans)

Revision Date: 10/12/10

Concept Statement

TBD.

Entity:
Describe the nature of the impact:

Entity:
Describe the nature of the impact:

Entity:
Describe the nature of the impact:

CA - PMM

Project Name: Materials Certification & QCQA System (MCQS)

OCIO Project #:

Department: Department of Transportation (Caltrans)

Revision Date: 10/12/10

Concept Statement

Solution Alternatives

Alternative 1:

--

Technical Considerations for Alternative 1:

--

ROM Cost: \$50,001 to \$500,000

Note: high end of range must not exceed 200% of low end of range

Alternative 2:

--

Technical Considerations for Alternative 2:

--

ROM Cost: to

Note: high end of range must not exceed 200% of low end of range

Alternative 3:

--

CA - PMM

Project Name: Materials Certification & QCQA System (MCQS)

OCIO Project #:

Department: Department of Transportation (Caltrans)

Revision Date: 10/12/10

Concept Statement

Technical Considerations for Alternative 3:

ROM Cost: _____ to _____

Note: high end of range must not exceed 200% of low end of range

Recommendation

Comparison:

Alternative 1	ROM Cost			Risk
	\$50,001	-	\$500,000	
Alternative 2	ROM Cost			Risk
	\$0	-	\$0	
Alternative 3	ROM Cost			Risk
	\$0	-	\$0	

Conclusions:

1	
2	
3	
4	

CA - PMM

Project Name: Materials Certification & QCQA System (MCQS)

OCIO Project #:

Department: Department of Transportation (Caltrans)

Revision Date: 10/12/10

Concept Statement

Recommendation:

Concept Approach (if known)

System Complexity:		System Business Hours: (e.g., 24x7, 9am-5pm) :	To Be Determined in the Feasibility Study
Architecture	<input type="checkbox"/> Mainframe <input type="checkbox"/> Client Server <input type="checkbox"/> Web Based		Num. of New Databases:
Technology	<input type="checkbox"/> New <input type="checkbox"/> New to Staff <input type="checkbox"/> In-House Experience		Interfaces:
Implementation	<input type="checkbox"/> Central Site <input type="checkbox"/> Phased Roll-out		Num. of Sites:
M & O Support	<input type="checkbox"/> Contractor <input type="checkbox"/> Data Center <input type="checkbox"/> Project <input type="checkbox"/> Returned to Sponsor		
Procurement Approach: (consult with OSI Procurement Center)			Number of Procurements:
Open Procurement?		Delegated Procurement?	
Scope of Contract	<input type="checkbox"/> Development <input type="checkbox"/> Implementation <input type="checkbox"/> M & O <input type="checkbox"/> Other:		
Anticipated Length of Contract:		Years /	extensions for years