

Oakland County Department of Information Technology Project Scope and Approach

Project Name: SharePoint eForms Proof of Concept

Project ID: DE0124PF

Leadership Group: Finance/Administration			
Department: Management and Budget		Division: Purchasing	
Project Sponsor: Jack Smith	Date Requested: 10/12/2009	PM Customer No. 124	
Request Type:	<u><i>New Development</i></u>	<i>Enhancement</i>	<i>Customer Support</i>
	<i>Planned System Maintenance or Upgrade</i>		
IT Team Name: eGovernment Program Services		IT Team No: E	
Project Manager/Leader: Greg Kwasnik			
Account Number: 95663	Account Description: Purchasing	Customer Name:	Purchasing
Grant Funded? Yes <u>No</u>	Mandate? Yes <u>No</u>	Mandate Source:	

Project Goal

To complete a proof of concept for the Purchasing Division utilizing eForms within SharePoint so that the County can evaluate utilizing eForms as a key feature of SharePoint.

Business Objective

The assessment of using eForms will provide valuable information on what steps are required to configure SharePoint for eForms. The proof of concept will also help identify the return on investment for implementing a County-wide solution.

Major Deliverables

- Electronic forms pilot created for Purchasing Division
- Proof of Concept Assessment on using eForms within Sharepoint

Approach

- Evaluate and assess the current forms solution
- Conduct analysis of the Purchasing Division for the proof of concept
- Gather requirements and prototype an electronic form
- Design eforms for the Purchasing Division
- Identify architecture, hardware and software requirements
- Build eforms for the Purchasing Division
- Launch eforms pilot for Purchasing Division
- Examine management and procedural changes with using eforms
- Examine training and policy issues
- Conduct final evaluation and assessment
- Create Proof of Concept Assessment Report

**Oakland County
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Benefits

See Return on Investment (ROI) Analysis Document

Impact

Number of Users All Purchasing Division users

Divisions Purchasing Division

Leadership Groups Finance/Administration

Risk

Business Environment Medium – Project will require some changes to existing business processes

Technical Environment Medium – Previously implemented technologies with new aspects and/or new requirements

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Assumptions

Staffing IT Staffing: resources will be available for the hours indicated per the attached project plan.

Other Staffing: additional staffing will be available as follows:

<u>Role:</u>	<u>Name</u>	<u>Hours per Day</u>
Project Sponsor:	Jack Smith	N/A

Facilities

- No additional space or facility resources are required.

Technical

- Existing technology will be utilized.

Funding

- Purchasing Division

Other

- N/A

Priority TBD

Constraints

- Resource Availability

Exclusions

- N/A

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PROJECT PHASE AUTHORIZATION

Phase(s): All	
Total Estimated Application Services	Hours: 668 Cost: \$81,496
Total Estimated Technical Systems	Hours: 90 Cost: \$3,660
Total Estimated CLEMIS	Hours: Cost:
Total Estimated Internal Services	Hours: Cost:
IT Application Services Division Manager Approval:	Date:
IT Technical Systems Division Manager Approval:	Date:
IT CLEMIS Division Manager Approval:	Date:
IT Internal Services Division Manager Approval:	Date:
IT Management Approval:	
Approved: Yes No	Date:
Reason:	
Project Sponsor Approval:	
Title:	Date:

PROJECT SUMMARY

Authorized Development (see above)	Hours:	Cost:
Preliminary Estimated Development for Future Phases	Hours: 758	Cost: \$85,156
Grand Total Estimated Development	Hours: 758	Cost: \$85,156

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PROJECT COMPLETION AUTHORIZATION

Customer Acceptance of Product:	
Title:	Date:
Project Office Review:	Date:

SharePoint eForms Proof of Concept - Size Estimate (+/- 10% to 50%)

Type	ID	Task Name	Estimated Hours	Estimated Cost	Estimate Notes
Phase	000000	PROJECT MANAGEMENT	227	\$27,694.00	
Phase	021000	FEASIBILITY STUDY	50	\$6,100.01	
Phase	030000	BUSINESS AREA REQUIREMENTS	87	\$9,393.92	
Phase	041000	EFORMS DESIGN	63	\$6,466.00	
Phase	050000	TECHNICAL DESIGN	55	\$5,490.01	
Phase	060000	EFORMS BUILD	92	\$10,003.94	
Phase	070000	PILOT IMPLEMENTATION	104	\$11,467.96	
Phase	080000	POST IMPLEMENTATION SUPPORT	80	\$8,540.01	
			758	\$85,155.86	

DE9187PF - SharePoint eForms Proof of Concept

3.1 - Provide an Enhanced Application Service Offering

- 3.1.1 - Increase application integration through web services
- 3.1.2 - Research and develop a Constituent Relationship Management (CRM) strategy
- 3.1.3 - Promote mobility and location integration in business applications
- 3.1.4 - Utilize ecommerce platform to offset costs and expand product offerings to customers
- 3.1.5 - Improve the quality, reliability and availability of all applications
- 3.1.6 - Increase the agility and responsiveness of business units by expanding customer analytics
- 3.1.7 - Leverage the County's Internet presence and portal as a branded consolidated point of access to all County information and services through a web browser
- 3.1.8 - Centralize identity and access management for all applications and content

3.2 - Enhance ability to provide effective and timely customer (County departments and CVTs) service

- 3.2.1 - Implement a centralized service center strategy to provide a single point of contact for service delivery
- 3.2.2 - Implement the IT Infrastructure Library (ITIL) best practice framework for IT Service Management
- 3.2.3 - Define a service and support strategy that clearly identifies the IT service provided
- 3.2.4 - Provide a high-quality training program to empower employees through technology
- 3.2.5 - Develop a formalized customer communication plan
- 3.2.6 - Build IT Staff expertise through professional development
- 3.2.7 - Expand capacity through ongoing organizational review and selective outsourcing

3.3 - Implement a Standardized Infrastructure Strategy

- 3.3.1 - Deliver services using a shared technology infrastructure wherever possible
- 3.3.2 - Implement a Microsoft infrastructure strategy
- 3.3.3 - Implement a consolidated security strategy
- 3.3.4 - Establish a standard personal computing hardware and software product suite, SLA, and replacement schedule for all County personal computers
- 3.3.5 - Establish support cost model and SLA for all offerings outside 3.3.4
- 3.3.6 - Improve service availability through network design and management strategies
- 3.3.7 - Establish enhanced capacity planning and recovery management strategies

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Return on Investment Analysis

Project Summary

Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Benefits/Savings:							
Tangible Benefits Subtotal:	0	0	0	0	0	0	0
Cost Avoidance Subtotal:	0	0	0	0	0	0	0
Costs:							
Development Services Subtotal:	92,476	0	0	0	0	0	92,476
Hardware Subtotal:	0	0	0	0	0	0	0
Software Subtotal:	0	0	0	0	0	0	0
Infrastructure Subtotal:	0	0	0	0	0	0	0
Training Subtotal:	0	0	0	0	0	0	0
Other Subtotal:	0	0	0	0	0	0	0
Annual Statistics:							
Annual Total Savings	0	0	0	0	0	0	0
Annual Total Costs	92,476	0	0	0	0	0	92,476
Annual Return on Investment	(92,476)						(92,476)
Annual Costs/Savings Ratio	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Project Cumulative Statistics:							
Cumulative Total Savings	0	0	0	0	0	0	0
Cumulative Total Costs	92,476	92,476	92,476	92,476	92,476	92,476	92,476
Cumulative Return on Investment	(92,476)	(92,476)	(92,476)	(92,476)	(92,476)	(92,476)	(92,476)
Cumulative Cost/Savings Ratio	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Year Positive Payback Achieved							NO PAYBACK
State or Federal Mandate?							
Signatures:							
Benefits Reviewed By Project Sponsor	Date: _____						
Costs (including IT Resources) Reviewed By Information Technology Project Manager	Date: _____						

Oakland County -- SharePoint eForms Proof of Concept

Return on Investment Analysis

Savings Summary

Benefit/Savings Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Tangible Benefit:							
<i>Tangible Benefits Subtotal:</i>							
Cost Avoidance:							
<i>Cost Avoidance Subtotal:</i>							
Intangible Benefit:							
Intangible: Improved service due to the convenience and timeliness of online form reviewing, data entry, submission and processing.							
Intangible: Eliminates time and materials expense for printing and mailing forms.							
Intangible: Reduced incidents of lost, misfiled or misrouted files due to the electronic nature of processing and the elimination of paper.							
Intangible: Form data can be validated at the time of entry, eliminated costly rework and customer frustration.							
Intangible: Easier to gather form statistics and reports.							
Savings Total:							

Oakland County -- SharePoint eForms Proof of Concept

Return on Investment Analysis

Cost Detail

Cost Description	Project Cost Category	Budget Category/Funding Source	Unit	Units	Rate per	Total Cost	Annual Multiplier	Affects Project ROI?							
			Desc		Unit			Y1	Y2	Y3	Y4	Y5	Y6		
IT Hours - New Development	Development Svcs		EA	758	122	92,476		x							
IT Hours - System Maintenance	Development Svcs				122	0									
IT Hours - Customer Support	Development Svcs				122	0									
IT Hours - Planned Maintenance	Development Svcs				122	0									
User Hours - New Development	Development Svcs					0									
User Hours - PTNE/OT	Development Svcs					0									
Contractor Professional Services	Development Svcs					0									
PC System - Acquisition	Hardware				814	0									
PC System - Maintenance	Hardware				2,304	0									
Notebook - Acquisition	Hardware				1,223	0									
Notebook - Maintenance	Hardware				2,372	0									
Tablet Notebook - Acquisition	Hardware				2,012	0									
Tablet Notebook - Maintenance	Hardware					0									
Laserprinter - Acquisition	Hardware				1,432	0									
Laserprinter - Maintenance	Hardware				1,104	0									
Image Workstations - Acquisition	Hardware					0									
Image Workstations - Maintenance	Hardware				3,496	0									
PC Maintenance User Owned	Hardware				2,304	0									
Printer Maintenance User Owned	Hardware				1,072	0									
Package Software - Acquisition	Software					0									
Package Software - Maintenance	Software					0									
Business Objects Access	Software					0									
Term Emulation SFTW-Acquisition	Software					0									
Term Emulation SFTW-Maintenance	Software					0									
Server - Acquisition/Upgrade	Infrastructure				8,000	0									
Server - Maintenance	Infrastructure				360	0									
Server Sftwre - Acquisition/Upgrade	Infrastructure				335	0									
Server Sftwre - Maintenance	Infrastructure					0									
Server Rack Mount	Infrastructure				400	0									
Oracle Enterprise Per Processor - Includes Year 1 Maintenance	Infrastructure				21,372	0									
Oracle Enterprise Per Processor - Year 2 and Beyond	Infrastructure				3,432	0									
MS SQL Server Standard Per Processor - Includes Year 1 Maintenance	Infrastructure				4,725	0									

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Return on Investment Analysis

Cost Detail

Cost Description	Project Cost Category	Budget Category/Funding Source	Unit Desc	Units	Rate per Unit	Total Cost	Annual Multiplier	Affects Project ROI?						
								Y1	Y2	Y3	Y4	Y5	Y6	
MS SQL Server Standard Per Processor - Year 2 and Beyond	Infrastructure				946	0								
MS SQL Server Enterprise Per Processor - Includes Year 1 Maintenance	Infrastructure				19,693	0								
MS SQL Server Enterprise Per Processor - Year 2 and Beyond	Infrastructure				3,939	0								
Websphere Basic Per Processor Single/Dual Core - Includes Year 1 Maintenance	Infrastructure				3,506	0								
Websphere Basic Per Processor Single/Dual Core - Year 2 and Beyond	Infrastructure				701	0								
Websphere ND Per Processor Single/Dual Core - Includes Year 1 Maintenance	Infrastructure				13,180	0								
Websphere ND Per Processor Single/Dual Core - Year 2 and Beyond	Infrastructure				2,635	0								
SSL Certificate	Infrastructure				845	0								
TBD	Infrastructure					0								
TBD	Infrastructure					0								
TBD	Infrastructure					0								
TBD	Infrastructure					0								
Internet Access	Infrastructure				180	0								
Project Staff Training	Training					0								
User Training	Training					0								

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Return on Investment Analysis

Cost Detail

Cost Description	Project Cost Category	Potential Cost Extensions					
		Y1	Y2	Y3	Y4	Y5	Y6
IT Hours - New Development	Development Svcs	92,476.00					
IT Hours - System Maintenance	Development Svcs						
IT Hours - Customer Support	Development Svcs						
IT Hours - Planned Maintenance	Development Svcs						
User Hours - New Development	Development Svcs						
User Hours - PTNE/OT	Development Svcs						
Contractor Professional Services	Development Svcs						
PC System - Acquisition	Hardware						
PC System - Maintenance	Hardware						
Notebook - Acquisition	Hardware						
Notebook - Maintenance	Hardware						
Tablet Notebook - Acquisition	Hardware						
Tablet Notebook - Maintenance	Hardware						
Laserprinter - Acquisition	Hardware						
Laserprinter - Maintenance	Hardware						
Image Workstations - Acquisition	Hardware						
Image Workstations - Maintenance	Hardware						
PC Maintenance User Owned	Hardware						
Printer Maintenance User Owned	Hardware						
Package Software - Acquisition	Software						
Package Software - Maintenance	Software						
Business Objects Access	Software						
Term Emulation SFTW-Acquisition	Software						
Term Emulation SFTW-Maintenance	Software						
Server - Acquisition/Upgrade	Infrastructure						
Server - Maintenance	Infrastructure						
Server Sftwre - Acquisition/Upgrade	Infrastructure						
Server Sftwre - Maintenance	Infrastructure						
Server Rack Mount	Infrastructure						
Oracle Enterprise Per Processor - Includes Year 1 Maintenance	Infrastructure						
Oracle Enterprise Per Processor - Year 2 and Beyond	Infrastructure						
MS SQL Server Standard Per Processor - Includes Year 1 Maintenance	Infrastructure						

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Cost Detail

Cost Description	Project Cost Category	Potential Cost Extensions					
		Y1	Y2	Y3	Y4	Y5	Y6
MS SQL Server Standard Per Processor - Year 2 and Beyond	Infrastructure						
MS SQL Server Enterprise Per Processor - Includes Year 1 Maintenance	Infrastructure						
MS SQL Server Enterprise Per Processor - Year 2 and Beyond	Infrastructure						
Websphere Basic Per Processor Single/Dual Core - Includes Year 1 Maintenance	Infrastructure						
Websphere Basic Per Processor Single/Dual Core - Year 2 and Beyond	Infrastructure						
Websphere ND Per Processor Single/Dual Core - Includes Year 1 Maintenance	Infrastructure						
Websphere ND Per Processor Single/Dual Core - Year 2 and Beyond	Infrastructure						
SSL Certificate	Infrastructure						
TBD	Infrastructure						
TBD	Infrastructure						
TBD	Infrastructure						
TBD	Infrastructure						
Internet Access	Infrastructure						
Project Staff Training	Training						
User Training	Training						

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Cost Summary

Cost Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Development Services:							
IT Hours - New Development	92,476						92,476
IT Hours - System Maintenance							
IT Hours - Customer Support							
IT Hours - Planned Maintenance							
User Hours - New Development							
User Hours - PTNE/OT							
Contractor Professional Services							
<i>Development Services Subtotal:</i>	92,476						92,476
Hardware:							
<i>Hardware Subtotal:</i>							
Software:							
<i>Software Subtotal:</i>							
Infrastructure:							
<i>Infrastructure Subtotal</i>							
Training:							
<i>Training Subtotal:</i>							
Other:							
<i>Other Subtotal:</i>							
Costs Total:	92,476						92,476

