Project Name: EA e-Signature (DocuSign) Project ID: TT9186ES

Leadership	Group: IT	Steering Commi	ittee								
Departmen	t: Informati	on Technology			Division: Technical Services and Networki						
Project Spo	onsor: EJ W	/idun	Date Requ	este	d: 6/26/2018	PM Customer No. 186					
Request Ty	pe: New De	velopment									
IT Team Name: Enterprise Architecture					IT Team No: T						
Project Mar	nager/Leade	er: Bob Olech									
Account Number:	17030	Account Description:	Technica Networkii		vices and	Customer Name: Information Technology					
Grant Fund	ed? No				ndate? No ndate Source:						

Project Goal

To complete a RFP and recommend an eSignature vendor so that Oakland County can centralize on a standardized eSignature tool.

Business Objective

The project will create a recommendation for Oakland County to review, select and implement a standardized eSignature solution and, implement with an application or business area (e.g. Purchasing).

Major Deliverables

eSignature RFP to select vendor

- 1. Validated business requirements
- 2. Request for Proposal (RFP)
- 3. RFP responses from vendors w/ pricing structure
- 4. Evaluation and Scoring Spreadsheet; vendor shortlist
- 5. Presentations / demos from vendors
- 6. Recommendation document (present to Management)
- 7. Approved funding sources
- 8. Contract with the selected vendor

Approach

Follow the RFP Process Guide including:

- 1. Research and identify vendors
- 2. Validate Business Requirements and create RFP
- 3. Release RFP to vendors via MITN; respond to vendor questions
- 4. Evaluate and score all returned proposals; create shortlist

Project Name: EA e-Signature (DocuSign) Project ID: TT9186ES

- 5. Vendor presentations
- 6. Provide recommendation to management on preferred vendor
- 7. Engage Corp Council to negotiate contract
- 8. Build and implement with one application or business area

Research & Analysis

Gartner Research Recommendation:

E-signatures--digital or electronic--can transform business processes and improve transaction security. E-signatures provide huge benefits to businesses, including increased efficiency, reduced risks, and improved digital experiences. Implementation requires sorting through many management options, including the selection of technologies and tools. The worldwide adoption of e-signature continues to rise, and the savings it provides have proved to be real; however, multinational deployments are challenging.

Benefits

See Return on Investment (ROI) Analysis Document

Impact

Number of Users All of IT directly; indirectly all of Oakland County users.

Divisions Information Technology

Leadership Groups IT Steering Committee

Risk

Business Environment Low – Project will require some changes to existing business

users of Adobe Sign (i.e. Purchasing, Payroll, Board of

Commissioners)

Technical Environment Low – implementing proven technology

Project Name: EA e-Signature (DocuSign) Project ID: TT9186ES

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:

Role:	<u>Name</u>	Hours per Day
Project Sponsor	EJ Widun	As Needed
CIO	Phil Bertolini	As Needed
СТО	Jim Taylor	As Needed
CISO	Bridget Kravchenko	As Needed
IT Director	Mike Timm	As Needed
TSN Manager	Carl Wilson	As Needed
Application Services Manager	Tammi Shepherd	As Needed
Internal Services Manager	Janette McKenna	As Needed
CLEMIS Manager	Jeff Nesmith	As Needed

Facilities

Technical

Funding

Technical Services & Networking

Other

- Existing Adobe Sign users (i.e. Purchasing, Payroll and Board of Commissioners) will migrate to the new standard eSignature tool.
- Average implementation time is 3 4 weeks (getting templates created, setting up User Admins and communication).
- Solution will have flexibility and integrates with other systems (some integration is prebuilt (e.g. tool is integrated with Laser Fiche and Workday connectors)).

Priority

Constraints

Exclusions

Project Name: EA e-Signature (DocuSign) Project ID: TT9186ES

PROJECT PHASE AUTHORIZATION

Phase(s): All		
Total Estimated Application Services	Hours: 372	
Total Estimated Technical Systems	Hours: 553	
Total Estimated CLEMIS	Hours: 0	
Total Estimated Internal Services	Hours: 0	
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:	res No	Date:
Reason:		
Project Sponsor Approval:		
Title:		Date:

PROJECT SUMMARY

Authorized Development (see above)	Hours:	
Preliminary Estimated Development for Future Phases	Hours: 925	
Grand Total Estimated Development	Hours: 925	
·	Cost: \$152,62	5

Project Name: EA e-Signature (DocuSign) Project ID: TT9186ES

PROJECT COMPLETION AUTHORIZATION

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

Туре	ID	Task Name	Estimated Hours	Estimate Notes
Phase	000000	■ PROJECT MANAGEMENT	253	
Phase	100000	■ eSignature RFP & Vendor Selection	216	
Phase	200000	■ BUSINESS REQUIREMENTS	35	
Phase	300000	■ DESIGN SYSTEM ARCHITECTURE	50	
Phase	400000	■ IMPLEMENT VENDOR APPLICATION	119	
Phase	500000	■ IMPLEMENTATION PHASE	170	
Phase	600000	■ POST IMPLEMENTATION SUPPORT	82	
3				
1			925	

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:	214,125	54,000	54,000	54,000	54,000	54,000	484,125
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	214,125	54,000	54,000	54,000	54,000	54,000	484,125
Annual Return on Investment	(214,125)	(54,000)	(54,000)	(54,000)	(54,000)	(54,000)	(484,125)
Annual Costs/Savings Ratio	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	214,125	268,125	322,125	376,125	430,125	484,125	484,125
Cumulative Return on Investment	(214,125)	(268,125)	(322,125)	(376,125)	(430,125)	(484,125)	(484,125)
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 -- EA e-Signature (DocuSign) Return on Investment Analysis

Savings Detail

			1			I	
	Project Savings		Unit		Rate per		Annual
Benefit/Savings Description	Category	Budget Category/Funding Source	Desc	Units	Unit	Total Savings	Multiplier
Increased Contract Speed. A digital							
signature is good for the life of the							
contract, doing away with repetitive							
signing; negotiations can be speeded							
up because each step in the process							
can be authenticated and easily							
accessed by all parties to the contract,							
so that critical issues can be flagged							
and tracked internally until finalization;							
even if the parties are located far apart							
geographically, there is no lag time for							
transmission of contract updates.	Intangible Benefit					0	
Enhanced Security. Advantage of							
electronic signatures is that –							
especially with digital encryption- there							
is less worry about security than with							
paper, which can easily be tampered							
with. Contract management software							
with electronic signing capability can							
automatically detect even minor							
altering, and it can record more data							
points than paper.	Intangible Benefit					0	
Lower Transaction Cost. The							
automated processes of electronic							
signing can reduce the financial impact							
of human error (e.g., signing mistakes), which can seriously slow down the							
process or cause eventual costly							
problems if initially undetected. And							
electronic signing software can provide							
alerts about suspicious records or							
compliance issues involved with a							
contract.	Intangible Benefit					0	
contract.	intangible beliefit					U	

Oakland County -- EA e-Signature (DocuSign) Return on Investment Analysis

Savings Detail

		Af	fect	s Pr	oje	t RO	OI?		Po	tential Savir	ngs Extensio	ons	
	Project Savings				Ĭ	ĺ	Ĭ				i !	i !	
Benefit/Savings Description	Category	Y1	Y2	Y3	Y4	Y5	Y6	Y1	Y2	Y3	Y4	Y5	Y6
											i ! !	i ! !	
Increased Contract Speed. A digital			İ		İ	ĺ	İ						
signature is good for the life of the			İ		ĺ	Ì	İ						
contract, doing away with repetitive						į					 	 	
signing; negotiations can be speeded			•			ŀ	•				! ! !	! ! !	
up because each step in the process						į					! ! !	! ! !	
can be authenticated and easily			!			<u> </u>	!						
accessed by all parties to the contract,			İ		İ	į	İ				i !	i !	
so that critical issues can be flagged			į		į	į	İ				i !	i !	
and tracked internally until finalization;			İ		İ	ĺ	İ						
even if the parties are located far apart			İ		İ	ĺ	İ						
geographically, there is no lag time for						į					 	 	
transmission of contract updates.	Intangible Benefit					į					 	 	
						į							
Enhanced Security. Advantage of						ļ							
electronic signatures is that –			İ			į	İ				i !		
especially with digital encryption- there			İ		İ	ĺ	İ						
is less worry about security than with					<u> </u>	į					 	 	
paper, which can easily be tampered			•			ŀ	•				! ! !	! ! !	
with. Contract management software						į							
with electronic signing capability can						į	İ						
automatically detect even minor			İ		İ	į	İ				i !	i !	
altering, and it can record more data			•		İ	ŀ	•						
points than paper.	Intangible Benefit				<u> </u>	į					 	 	
pointe triair paperi	ag.a.a zana					<u> </u>	<u> </u>				<u> </u>	<u> </u>	
Lower Transaction Cost. The			İ		İ	ĺ	İ						
automated processes of electronic					<u> </u>	į					 	 	
signing can reduce the financial impact			•			ŀ	•				! ! !	! ! !	
of human error (e.g., signing mistakes),						į					! ! !	! ! !	
which can seriously slow down the			İ			į	İ						
process or cause eventual costly			İ		İ	į	İ						
problems if initially undetected. And			İ		İ	ĺ	İ				i !	i !	
electronic signing software can provide						ŀ							
alerts about suspicious records or					ļ	•					 	 	
compliance issues involved with a						ŀ]] 	
contract.	Intangible Benefit	L	L		L	<u>L</u>	L				i ! !	i ! !	

Return on Investment Analysis

Savings Summary

Benefit/Savings Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Tangible Benefit							
Tangible Benefits Subtotal:							
Cost Avoidance:							
Cost Avoidance Subtotal:							
Intangible Benefit:							
Increased Contract Speed. A digital							
signature is good for the life of the contract,							
doing away with repetitive signing;							
negotiations can be speeded up because							
each step in the process can be							
authenticated and easily accessed by all							
parties to the contract, so that critical issues							
can be flagged and tracked internally until							
finalization; even if the parties are located far							
apart geographically, there is no lag time for							
transmission of contract updates.							
Enhanced Security. Advantage of electronic							
signatures is that – especially with digital							
encryption- there is less worry about security							
than with paper, which can easily be							
tampered with. Contract management							
software with electronic signing capability							
can automatically detect even minor altering,							
and it can record more data points than							
paper.							
Lower Transaction Cost. The automated							
processes of electronic signing can reduce							
the financial impact of human error (e.g.,							
signing mistakes), which can seriously slow							
down the process or cause eventual costly							
problems if initially undetected. And							
electronic signing software can provide							
alerts about suspicious records or							
compliance issues involved with a contract.							
·							
Savings Total:							

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Return on Investment Analysis

								Af	fects	s Pro	ojec	t RO	l?
	Project Cost	Budget Category/Funding	Unit		Rate per		Annual			ĺ			
Cost Description	Category	Source	Desc	Units	Unit	Total Cost	Multiplier	Y1	Y2	Y3	Y4	Y5	Y6
IT Hours - New Development - Year 1	Development Svcs	Technical Services & Networking	HR	925	165	152,625		Χ		ŀ		T	
IT Hours - System Maintenance	Development Svcs				165	0				í			
IT Hours - Customer Support	Development Svcs				165	0				i			
IT Hours - Planned Maintenance	Development Svcs				165	0				ĺ	Ī	Ī	
User Hours - New Development	Development Svcs					0				ŀ		i	
User Hours - PTNE/OT	Development Svcs					0				į			
Contractor Professional Services	Development Svcs		EA	1	7,500	7,500		Χ		i			
PC System - Acquisition	Hardware				687	0						Ī	
PC System - Maintenance	Hardware				2,936	0				ĺ			
Notebook - Acquisition	Hardware				1,115	0							
Notebook - Maintenance	Hardware				3,024	0				į			
Tablet Notebook - Acquisition	Hardware				1,421	0				Î			
Tablet Notebook - Maintenance	Hardware				2,800	0						i	
Laserprinter - Acquisition	Hardware				1,432	0							
Laserprinter - Maintenance	Hardware				1,408	0				į			
PC Maintenance User Owned	Hardware				2,720	0				Î			
Printer Maintenance User Owned	Hardware				1,264	0				ŀ			
File Space (100GB)	Hardware		ANN		23	0				į			
Package Software - Acquisition	Software		ANN	1	54,000	54,000		Χ	Χ	Χ	Χ	Χ	X
Package Software - Maintenance	Software					0						i	
Business Objects Access	Software					0							
Term Emulation SFTW-Acquisition	Software					0							
Term Emulation SFTW-Maintenance	Software					0				Î			
Server - Acquisition/Upgrade	Infrastructure				8,000	0				I			
Server - Maintenance	Infrastructure				360	0				I			
Server Sftwre - Acquisition/Upgrade	Infrastructure				335	0							
Server Sftwre - Maintenance	Infrastructure					0				ŀ	- 1		
Server Rack Mount	Infrastructure				400	0				į			
Oracle Enterprise Per Processor -										į			
Includes Year 1 Maintenance	Infrastructure				21,372	0				į	į	į	
Oracle Enterprise Per Processor - Year					-						1	i	
2 and Beyond	Infrastructure				3,432	0				ŀ		į	

As Of: 6/26/2018

Return on Investment Analysis

Cost Detail

								Af	fect	s Pro	iect	ROI?
	Project Cost	Budget Category/Funding	Unit		Rate per		Annual					
Cost Description	Category	Source	Desc	Units	Unit	Total Cost	Multiplier	Y1	Y2	Y 3	Y4	Y5 Y6
SQL Server Enterprise - Per Processor											T	
(4 cores) - Purchased Sept 2016-Aug												
2017 - Includes Maintenance thru Aug											į	
2019	Infrastructure				24,533	0					į	
SQL Server Enterprise - Per Processor										Î		
(4 cores) - Purchased Sept 2017-Aug											į	l
2018 - Includes Maintenance thru Aug											- 1	
2019	Infrastructure				20,759	0					ı	
SQL Server Enterprise - Per Processor												
(4 cores) - Purchased Sept 2018-Aug												
2019 - Includes Maintenance thru Aug											į	
	Infrastructure				16,985	0					į	
SQL Server Enterprise - Maintenance,					·							
Per Processor (4 cores) - Sept 2019												
and Beyond	Infrastructure				4,218	0					į	
SQL Server Standard - Per Processor					,					i		
(4 cores) - Purchased Sept 2016-Aug											Ì	İ
2017 - Includes Maintenance thru Aug											į	
	Infrastructure				6,398	0					į	
SQL Server Standard - Per Processor					,							
(4 cores) - Purchased Sept 2017-Aug												
2018 - Includes Maintenance thru Aug											į	
2019	Infrastructure				5,414	0					į	
SQL Server Standard - Per Processor					·							
(4 cores) - Purchased Sept 2018-Aug											ŀ	
2019 - Includes Maintenance thru Aug											į	
2019	Infrastructure				4,429	0					ĺ	İ
SQL Server - Standard Maintenance,												
Per Processor (4 cores) - Sept 2019											į	
· · · · · · · · · · · · · · · · · · ·	Infrastructure				1,100	0					į	
Websphere Basic Per Processor											- †	
Single/Dual Core - Includes Year 1												
Maintenance	Infrastructure				3,506	0					į	

6 REV: May 21, 2018

Return on Investment Analysis

								Aff	fects	s Pro	iect	ROI?
	Project Cost	Budget Category/Funding	Unit		Rate per		Annual				<u> </u>	
Cost Description	Category	Source	Desc	Units	Unit	Total Cost	Multiplier	Y1	Y2	Y3 '	/4	Y5 Y6
Websphere Basic Per Processor												
•	Infrastructure				701	0		li		į	- [
Websphere ND Per Processor	madiadao				701			H		- İ	- †	+
Single/Dual Core - Includes Year 1									ļ	İ	İ	İ
Maintenance	Infrastructure				13,180	0		li		ŀ	į	
Wall to large	i i i i dotta i d				10,100						\pm	
Websphere ND Per Processor									ļ	İ	İ	İ
· ·	Infrastructure				2,635	0				ļ	į	
SSL Certificate	Infrastructure				845	0		li				1
Internet Access	Infrastructure				180	0						
Imperva Web Application Firewall												
(External Web Applications Only)	Infrastructure		ANN		500	0				İ	ı	İ
App Code Directories on Consolidated										į		
1	Infrastructure		ANN		415	0		li		i	i	
Database (5 GB) on Consolidated SQL								ĺ				
Instance Server	Infrastructure		ANN		930	0		li			ļ	
Database Instance (125 GB DB) on										i		
	Infrastructure		ANN		2,395	0			ļ	İ	İ	İ
Database SQL Maint Server	Infrastructure		ANN		834	0				ŀ	Ī	
Database SQL Server Physical	Infrastructure		ANN		19,158	0						
	Infrastructure		ANN		610	0						
DB Maintenance (Semi-Annual Cycle								li		ŀ	į	
T - /	Infrastructure		ANN		1,220	0						
DB Maintenance (Semi-Annual Cycle										į	į	
\$2440)	Infrastructure		ANN		2,440	0				i		
Dedicated Virtual Server	Infrastructure		ANN		4,150	0						
DB Instance Setup	Infrastructure				976	0		İ		İ	<u> </u>	
DBA MS SQL Database Creation on								li		ŀ	į	
Exisitng Instance	Infrastructure				366	0						
									į	ŀ		
Extra Small - 2 Core 8GB RAM, 500GB										į	į	İ
Drive, 10 GB NIC - Cloud/Virtual = \$601			1			_				į	į	İ
On Premise Physical Server = N/A	Infrastructure		ANN			0			ļ		<u></u>	<u> </u>

As Of: 6/26/2018

Return on Investment Analysis

								Af	fects	s Pro	oject	t RO	1?
	Project Cost	Budget Category/Funding	Unit		Rate per		Annual			İ		Ì	
Cost Description	Category	Source	Desc	Units	Unit	Total Cost	Multiplier	Y1	Y2	Y3	Y4	Y5	Y6
										ŀ	ŀ	ŀ	
Small - 4 Core 16GB RAM, 500GB										ŀ	į	- [
Drive, 10 GB NIC - Cloud/Virtual = \$951											į	į	
On Premise Physical Server = \$9,288	Infrastructure		ANN			0				į	į	į	
Medium - 8 Core 32GB RAM, 500GB										Î	ĺ		
Drive, 10 GB NIC - Cloud/Virtual =										ŀ	į	- [
\$1,702 On Premise Physical Server =										i	l	- 1	
\$9,751	Infrastructure		ANN			0				i	į	į	
Large - 16 Core 64GB RAM, 500GB										Ĭ		ĺ	
Drive, 10 GB NIC - Cloud/Virtual =										i	l	- 1	
\$3,167 On Premise Physical Server =										ŀ	į	į	
\$10,446	Infrastructure		ANN			0				ŀ	į	ł	
Extra Large - 40 Core 160GB RAM,										į	į	ŀ	
500GB Drive, 10 GB NIC - Cloud/Virtual										ŀ		- 1	
= \$7,564 On Premise Physical Server =										i	į	İ	
\$12,906	Infrastructure		ANN			0				ŀ	į	ŀ	

Return on Investment Analysis

Cost Detail

			Po	tential Cost	Extensions		
	Project Cost	į					
Cost Description	Category	Y1	Y2	Y3	Y4	Y5	Y6
IT Hours - New Development - Year 1	Development Svcs	152,625.00					
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	i					ı
Contractor Professional Services	Development Svcs	7,500.00					
PC System - Acquisition	Hardware						
PC System - Maintenance	Hardware	ì					
Notebook - Acquisition	Hardware	ļ					
Notebook - Maintenance	Hardware						
Tablet Notebook - Acquisition	Hardware						
Tablet Notebook - Maintenance	Hardware						
Laserprinter - Acquisition	Hardware	ļ					
Laserprinter - Maintenance	Hardware						
PC Maintenance User Owned	Hardware						
Printer Maintenance User Owned	Hardware						
File Space (100GB)	Hardware						
Package Software - Acquisition	Software	54,000.00	54,000.00	54,000.00	54,000.00	54,000.00	54,000.00
Package Software - Maintenance	Software						
Business Objects Access	Software	ļ					
Term Emulation SFTW-Acquisition	Software						
Term Emulation SFTW-Maintenance	Software						
Server - Acquisition/Upgrade	Infrastructure	i					
Server - Maintenance	Infrastructure						
Server Sftwre - Acquisition/Upgrade	Infrastructure						
Server Sftwre - Maintenance	Infrastructure	į					
Server Rack Mount	Infrastructure						
Oracle Enterprise Per Processor -							
Includes Year 1 Maintenance	Infrastructure						
Oracle Enterprise Per Processor - Year		i					
2 and Beyond	Infrastructure						

REV: May 21, 2018

Return on Investment Analysis

		Potential Cost Extensions						
	Project Cost		1	1		!		
Cost Description	Category	Y1	Y2	Y3	Y4	Y5	Y6	
SQL Server Enterprise - Per Processor			-	:	:	<u> </u>		
(4 cores) - Purchased Sept 2016-Aug							! ! !	
2017 - Includes Maintenance thru Aug					ļ			
2019	Infrastructure				•			
SQL Server Enterprise - Per Processor			i	İ		ì		
(4 cores) - Purchased Sept 2017-Aug			-			1 1 1	! ! !	
2018 - Includes Maintenance thru Aug							! ! !	
2019	Infrastructure				•			
SQL Server Enterprise - Per Processor					Ì			
(4 cores) - Purchased Sept 2018-Aug			-			1 1 1	! ! !	
2019 - Includes Maintenance thru Aug								
2019	Infrastructure				•	! !		
SQL Server Enterprise - Maintenance,								
Per Processor (4 cores) - Sept 2019			-			! ! !	! ! !	
and Beyond	Infrastructure							
SQL Server Standard - Per Processor			1	<u> </u>	!			
(4 cores) - Purchased Sept 2016-Aug			İ			ī ! !		
2017 - Includes Maintenance thru Aug								
2019	Infrastructure				•	i !		
SQL Server Standard - Per Processor			İ	İ	i	i		
(4 cores) - Purchased Sept 2017-Aug			-			! ! !	! ! !	
2018 - Includes Maintenance thru Aug					ļ			
2019	Infrastructure				•			
SQL Server Standard - Per Processor			i	!	!	 	 	
(4 cores) - Purchased Sept 2018-Aug								
2019 - Includes Maintenance thru Aug					•			
2019	Infrastructure		İ	İ	į	į		
SQL Server - Standard Maintenance,					!			
Per Processor (4 cores) - Sept 2019						i		
and Beyond	Infrastructure		İ	İ				
Websphere Basic Per Processor					!	! !		
Single/Dual Core - Includes Year 1								
Maintenance	Infrastructure					İ		

Return on Investment Analysis

		Potential Cost Extensions						
	Project Cost			1	:		:	
Cost Description	Category	Y1	Y2	Y3	Y4	Y5	Y6	
Websphere Basic Per Processor				-		! ! !		
Single/Dual Core - Year 2 and Beyond	Infrastructure							
Websphere ND Per Processor			į					
Single/Dual Core - Includes Year 1			•	1				
Maintenance	Infrastructure			İ	i !		<u> </u>	
Websphere ND Per Processor				İ		i !		
Single/Dual Core - Year 2 and Beyond	Infrastructure			İ	İ			
SSL Certificate	Infrastructure		<u>i</u>	-	<u> </u>	<u>i</u>		
Internet Access	Infrastructure		<u> </u>	-		! ! !		
Imperva Web Application Firewall	iiiiasiiuciuie		<u> </u>		<u> </u>			
(External Web Applications Only)	Infrastructure		•	1				
App Code Directories on Consolidated	minastructure							
IIS Server (Virtual)	Infrastructure			•		! ! !		
Database (5 GB) on Consolidated SQL	mirastructure			-	<u> </u>		<u> </u>	
Instance Server	 		ļ					
	Infrastructure							
Database Instance (125 GB DB) on	1 f			•		! ! !		
Consolidated SQL Server	Infrastructure		!		!	! !		
Database SQL Maint Server	Infrastructure							
Database SQL Server Physical	Infrastructure		<u> </u>		<u> </u>			
DB Maintenance (Annual Cycle \$610)	Infrastructure		<u> </u>		<u> </u>			
DB Maintenance (Semi-Annual Cycle				•		! ! !		
\$1220)	Infrastructure							
DB Maintenance (Semi-Annual Cycle			•	1				
\$2440)	Infrastructure		į					
Dedicated Virtual Server	Infrastructure		!	<u> </u>	<u> </u>	! !		
DB Instance Setup	Infrastructure				<u> </u>			
DBA MS SQL Database Creation on			į					
Exisitng Instance	Infrastructure		<u> </u>		i !			
Fitter Carrell O Court OOD DAM 5000D						i		
Extra Small - 2 Core 8GB RAM, 500GB			Ì	Ì	į	İ	•	
Drive, 10 GB NIC - Cloud/Virtual = \$601	1 f		į		•			
On Premise Physical Server = N/A	Infrastructure		<u>i </u>	<u>!</u>	<u> </u>	<u> </u>	į	

Return on Investment Analysis

		Potential Cost Extensions									
Cost Description	Project Cost Category	Y1	Y2	Y3	Y4	Y5	Y6				
Small - 4 Core 16GB RAM, 500GB			<u>!</u>] 		ļ	! ! !				
Drive, 10 GB NIC - Cloud/Virtual = \$951											
On Premise Physical Server = \$9,288	Infrastructure		ļ		<u>i</u>	ļ	! ! !				
Medium - 8 Core 32GB RAM, 500GB			!		-	}	! ! !				
Drive, 10 GB NIC - Cloud/Virtual =											
\$1,702 On Premise Physical Server =											
\$9,751	Infrastructure		•			•	! !				
Large - 16 Core 64GB RAM, 500GB			Ì	i i	Ì		ř I I				
Drive, 10 GB NIC - Cloud/Virtual =						•	! ! !				
\$3,167 On Premise Physical Server =			ļ				! !				
\$10,446	Infrastructure										
Extra Large - 40 Core 160GB RAM,			!	1 !	-		f I I				
500GB Drive, 10 GB NIC - Cloud/Virtual											
= \$7,564 On Premise Physical Server =			ļ				! !				
\$12,906	Infrastructure		į								

Oakland County -- EA e-Signature (DocuSign) Return on Investment Analysis

As Of: 6/26/2018

Cost Summary

Cost Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Development Services:							
IT Hours - New Development - Year 1	152,625						152,625
IT Hours - System Maintenance							
IT Hours - Customer Support							
IT Hours - Planned Maintenance							
User Hours - New Development							
User Hours - PTNE/OT							
Contractor Professional Services	7,500						7,500
Package Software - Acquisition	54,000	54,000	54,000	54,000	54,000	54,000	324,000
Development Services Subtotal:	214,125	54,000	54,000	54,000	54,000	54,000	484,125
Hardware:							
Hardware Subtotal:							
Software:							
Software Subtotal:							
Infrastructure:							
Infrastructure Subtotal							
Training:							
Training Subtotal:							
Other:							
Other Subtotal:							
Costs Total:	214,125	54,000	54,000	54,000	54,000	54,000	484,125

As Of: 6/26/2018

Return on Investment Analysis

Assumptions

Date	Assumption Description
12-Jun-18	Budgetary pricing for this ROI was obtained from Docusign.
22-Jun-18	Existing Adobe Sign users (i.e. Purchasing, Payroll and Board of Commissioners) will migrate to the new standard eSignature tool.
	Solution will have flexibility and integrates with other systems (some integration is pre-built (e.g. tool is integrated with Laser Fiche and
22-Jun-18	Workday connectors)).

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