

**ADOA-ASET - Arizona Strategic Enterprise Technology
Project Investment Justification - Risk Matrix**

Project ID:

To Be Provided by ADOA-ASET

Date Accepted:

To be Provided by ADOA-ASET

Project Information

Agency Name	Project Name	Date Submitted
Arizona Department of Education	AELAS SIS Opt In	05/22/14

Project Questions	Agency Response (Y/N)
Does the project involve customized software not previously implemented by your agency?	Y
Does the project involve a customized application not previously developed by your agency?	Y
Does the project involve any technology that is new and/or unfamiliar to your agency?	N
Does the project involve multi-agency and/or multiple vendor coordination?	N
Is there any possibility that project implementation costs could reach \$1 million or more? (Include professional services, hardware, software, license fees, taxes, shipping, etc.)	Y
Will the project require that a Request for Proposal (RFP) be issued?	Y
Are there any known schedule or budget constraints?	N
Does this system interface among 2 or more applications?	N
Will the implementation involve major end user view or functionality changes?	Y
Will the project involve the use of any Personally Identifiable information (PII) or Protected Health Information (PHI)?	N
Are there other high risk project items not identified? If so, please explain below:	N
Does the project fall into one of the following categories: - hardware technology refresh, e.g., PCs, laptops, radios, peripherals, etc.? - software version refresh, e.g., MS Office 2010 replacing 2007? - enhancements to an existing application, e.g., web app, internal system?	N
Will the technology and all required services be acquired off existing State contract(s)?	N
Does the project have the correct skillset and number of in-house resources assigned to meet the objectives?	N
Will a dedicated Project Manager (PM) be assigned?	Y
Does your agency have experience with the vendor (if used), and does the vendor have professional experience with similar projects?	Y

Investment Sustainability Questions	Agency Response (Y/N)
Are ongoing/5-year support costs, once the project has been implemented, reflected in the operational costs for the PIJ?	Y
Has your agency addressed supporting components to ensure the investment can be sustained, e.g., documentation, application ownership, portability, plans upon contract/support termination?	Y
Does the production site have sufficient failover and disaster recovery plans in place to assure your agency will be able to recover from an unplanned incident?	Y
Does your agency and/or the proposed vendor have the resources and supporting infrastructure currently in place to sustain the proposed investment?	Y

Agency Questions	Agency Response (Y/N)
Are all current agency projects in "Green" status, with no outstanding issues that ADOA-ASET is monitoring?	N
Does your agency currently have any projects that are in "Red" status?	Y
Has your agency demonstrated a consistent reporting relationship with ADOA-ASET Oversight, e.g. reports submitted on time and accurate (verified by CIO)?	Y
Is this your agency's first PIJ?	N
Has it been more than 2 years since your agency submitted a PIJ?	N
Does your agency have a formal project methodology in place?	Y

ADOA-ASET - Arizona Strategic Enterprise Technology

Areas of Impact

Please check which of the following technology areas will be included in the proposed solution - check all that apply:

Application Systems

- Application Enhancements
- New Application Development

Database Systems

- Data Warehouse/Mart
- Database Consolidation/Migration/Extract Transform and Load Data
- Database Products and Tools

Hardware

- LAN/WAN Infrastructure
- Mainframe Infrastructure
- PC Purchases, Peripherals
- Public Safety Radios, Systems
- Storage Area Network Devices
- All Other Hardware

Software

- COTS Application Acquisition
- COTS Application Customization
- Mainframe Systems Software
- Open Source
- PC/LAN Systems Software
- All Other Software

Telecommunications

- Network Communications Infrastructure
- Telephony Upgrade-Business-Specific
- Telephony Upgrade-EIC Solution
- Videoconferencing

Web

- az.gov Web Portal Interface
- Internal Use Web Application
- Mobile App Business-Specific Acquisition
- Mobile App Development

Specialty Products

- Business Intelligence System
- Disaster Recovery/ Business Continuity Plan
- Document Management/Imaging
- eLicensing
- E-Signatures
- Geographic Information System
- Management Systems - Financial, Grants, Asset
- Multi-agency project

- Other Imaging - Photos, Fingerprints, etc.
- RFP Required
- Security
- Statewide/Enterprise Solution
- Thin Client/Virtual
- Wireless
- All Other

Services

- Contract Project Mgmt
- Contractor Support Services
- Install/Configuration Contract Services
- Outsource/Hosting
- All Other

Other - Please specify:

- Enter text below.

**ADOA-ASET - Arizona Strategic Enterprise Technology
Project Investment Justification - Itemized List**

Project ID:

Date Accepted:

Project Information

Project Name	Agency Name	Date Submitted
AELAS SIS Opt In	Arizona Department of Education	05/22/14

Project Cost - Itemized

Item	Description	Category	Development or Operational	Qty or Hours	Unit Cost	Tax (if app)	Extended Cost
1	Level1/Level2 Support	Prof & Outside Services	Operational	2008	\$86.00		\$172,688.00
2	Marketing Outreach	Prof & Outside Services	Development	2008	\$86.00		\$172,688.00
3	Project Manangement	Prof & Outside Services	Development	2008	\$86.00		\$172,688.00
4	Implementation Support	Prof & Outside Services	Development	2737.63	\$86.00		\$235,436.00
5	Vendor to provide Training to ADE	Other	Development		\$46,500.00		\$46,500.00
6							\$0.00
7		--Select--	--Select--				\$0.00
8		--Select--	--Select--				\$0.00
9		--Select--	--Select--				\$0.00
10		--Select--	--Select--				\$0.00

Total of Development Cost \$627,312.00
 Total of Operational Cost \$172,688.00
Total Itemization of Costs: \$800,000.00

ADOA-ASET - Arizona Strategic Enterprise Technology
Project Investment Justification - Financials

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PIJ Development & Operational Cost Summary

Description	Type	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Extended Cost
Professional & Outside Services	Development	\$234,052.00	\$580,812.00	\$713,536.00	\$577,634.00	\$518,294.00	\$259,032.00	\$2,883,360.00
	Operational		\$172,688.00	\$518,064.00	\$518,064.00	\$518,064.00	\$619,086.00	\$2,345,966.00
Hardware	Development	\$4,500.00						\$4,500.00
	Operational							\$0.00
Software	Development							\$0.00
	Operational							\$0.00
Communications	Development							\$0.00
	Operational							\$0.00
Facilities	Development							\$0.00
	Operational							\$0.00
Licensing & Maintenance Fees	Development		\$196,448.00					\$196,448.00
	Operational		\$446,188.05	\$2,023,061.98	\$3,550,242.00	\$5,091,664.30	\$6,386,960.94	\$17,498,117.27
Other	Development	\$15,000.00	\$46,500.00	\$47,400.00	\$28,000.00	\$7,700.00	\$7,400.00	\$152,000.00
	Operational							\$0.00

Development Cost: \$3,236,308.00
Operational Cost: \$19,844,083.27
Total Cost: \$23,080,391.27

Project Funding (add sources as appropriate)

Funding Source Category	Fund Name	Development Budget (\$)		Operational Budget (\$)		Total (\$)
		Currently Available	New Request	Currently Available	New Request	
General Funds						\$0.00
Federal Funds						\$0.00
Other Appropriated Funds	Automation Projects Fund (AELAS ARS 15-249)	\$1,250,000.00	\$1,279,000.00			\$2,529,000.00
Other Non-Appropriated Funds	TBD Development Funding Source FY17 thru 19		\$3,053,274.00			\$3,053,274.00
Other Non-Appropriated Funds	Once ADE begins collecting from LEAs; ADE will establish a separate Opt-In Recovery index to come up to the \$23,080,391 total project cost			\$0.00	\$17,498,117.27	\$17,498,117.27
Total Funding		\$1,250,000.00	\$4,332,274.00	\$0.00	\$17,498,117.27	\$23,080,391.27

Implementations	FY15	FY16	FY17	FY18	FY19
# of Implementations					
# of Implementations VS LEAs	6	78	150	150	150
# of Implementations S LEAs	9	55	101	147	193
# of Implementations M LEAs	6	53	100	147	194
# of Implementations ML LEAs	2	20	38	56	74
# of Implementations L LEAs	1	6	11	16	21
# of Implementations VL LEAs	1	4	7	10	13
Cumulative # of LEAs*	25	214	404	521	639

VS = Very Small
S = Small
M = Medium
ML = Medium Large
L = Large
VL = Very Large

# of Implementation per year					
# of Implementations VS LEAs	6	72	72	-	-
# of Implementations S LEAs	9	46	46	46	46
# of Implementations M LEAs	6	47	47	47	47
# of Implementations ML LEAs	2	18	18	18	18
# of Implementations L LEAs	1	5	5	5	5
# of Implementations VL LEAs	1	3	3	3	3
# of LEAs added per year	25	191	191	119	119
Total # of Students added year on year	72,996	292,838	292,838	285,978	285,978
Cummulative # of Students*	72,996	365,834	658,672	944,650	1,230,628

License ~	FY15	FY16	FY17	FY18	FY19
Overall License Price/per student; based on # of students per year; considering early bird discount, tier licensing, tier hosting price applicable for the total # of students	\$6.11	\$5.53	\$5.39	\$5.39	\$5.19
Total License~	\$446,188.05	\$2,023,061.98	\$3,550,242.00	\$5,091,664.31	\$6,386,960.94

ADE Cost **	FY15	FY16	FY17	FY18	FY19
Operational Cost towards Level 1/Level 2 Support (including Management and Outreach)	\$172,688.00	\$518,064.00	\$518,064.00	\$518,064.00	\$619,086.00
	\$580,812.00	\$713,536.00	\$577,634.00	\$518,294.00	\$259,032.00
Sub-Total	\$753,500.00	\$1,231,600.00	\$1,095,698.00	\$1,036,358.00	\$878,118.00
Training provided by vendor to ADE	\$46,500.00	\$47,400.00	\$28,000.00	\$7,700.00	\$7,400.00
Totals	\$800,000.00	\$1,279,000.00	\$1,123,698.00	\$1,044,058.00	\$885,518.00

**The ADE Cost is the cost that ADE will incur to provide ADE support and keep the state SIS solution functioning, e.g. change management, vendor relationship, training requests, support calls.
~ The License cost is License+Hosting cost. This is cost to LEAs who choose to opt-in to State SIS solution. and recovered by ADE from the LEA's
* The # of LEA's considered for implementation and # of students considered are projected numbers