

JANUARY 2019



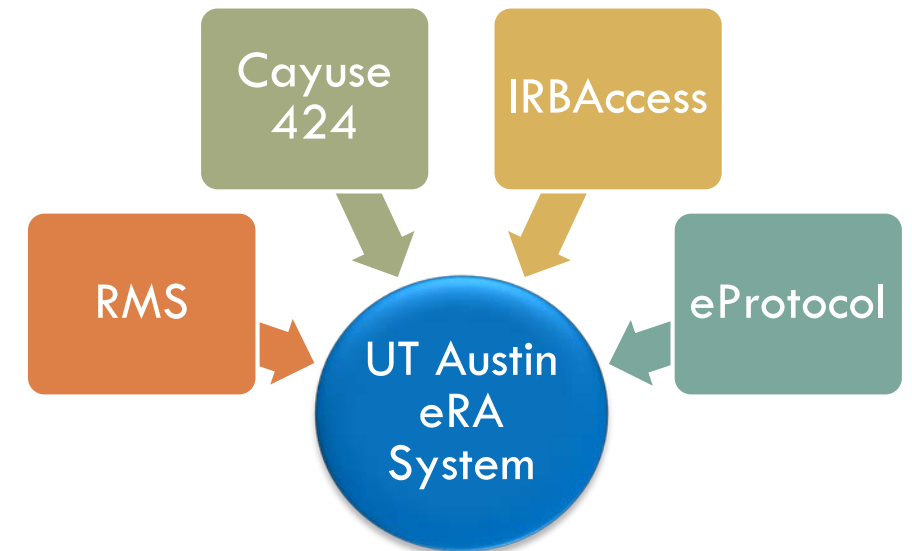
RMS REPLACEMENT PROJECT

RFP RESULTS

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Project Summary

- UT Austin's Research Management System (RMS) will be retired as part of the transition of legacy applications off the mainframe.
- The Office of the Vice President for Research is overseeing the replacement of RMS with an enhanced electronic Research Administration (eRA) system for managing the components of the academic and research enterprise at UT.
- In addition to **RMS**, the project scope includes replacing the research support applications for managing **Electronic Proposal Submissions, IRB, IACUC, and FCOI** records with an integrated suite of pre-award and compliance software tools.
- Post-award scope is being deferred until the implementation of Workday financials, and will continue to integrate with existing financial systems.
- A competitive procurement will result in a vendor selection and phased implementation starting in 2019.



- Compliance Scope: IRB, IACUC, FCOI only
- IBC and Animal Ordering/Lab Management to remain on eProtocol and will be reassessed for inclusion after the initial implementation

Project Approach

2018

2019-2020

2021+

PHASE ONE – PLANNING

- Identify available software solutions (preliminary discovery)
- Evaluate business practices for research administration
- Budget planning and modelling development
- Determine project scope
- Identify and engage stakeholders
- Procurement

PHASE TWO – PHASED IMPLEMENTATION

Pre-Award

- Validation and prototyping
- Data migration
- Training

IRB

- Validation and prototyping
- Data migration
- Training

COI

- Validation and prototyping
- Data migration
- Training

IACUC

- Validation and prototyping
- Data migration
- Training

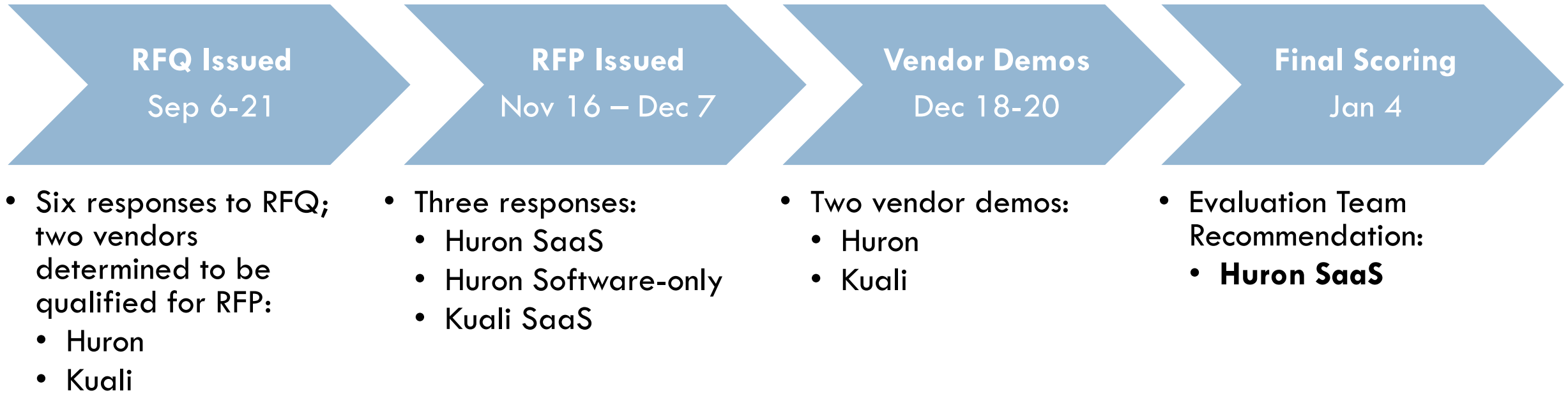
PHASE THREE – SUPPORT

- Ongoing maintenance
- Ongoing training
- Roadmap updates and planning

CONSIDERATIONS

- On premise hosting vs. Software as a Service (SaaS)
- Open source vs. proprietary
- Support for System to System (S2S) submissions
- Continuous delivery of updates/federal compliance
- Built in reporting tools vs. data warehouse (e.g. Tableau)
- User adoption/barriers to entry
- Customization vs. configuration
- “Best in Breed” as opposed to Single Vendor Solution
- Integration with other University systems, including Workday HR and *DEFINE

Procurement Timeline

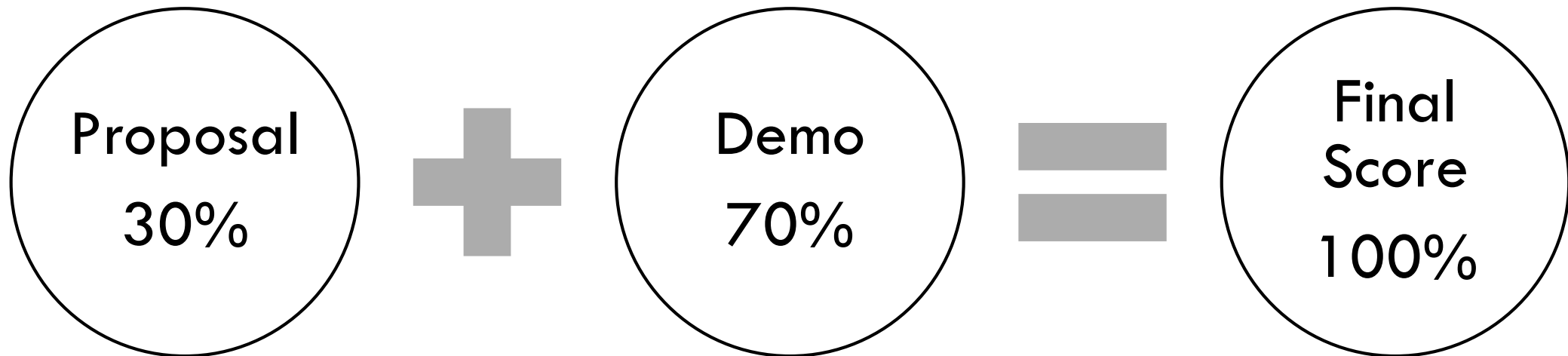


Evaluation Team

Evaluator	Title	Department
Renee Gonzalez	Assistant Vice President for Research & Director	Office of Sponsored Projects
Coreen Davis	Administrative Research Manager	College of Pharmacy
Andrea Gore	Professor	College of Pharmacy, Department of Psychology
Jennifer Lyon Gardner	Associate Vice President for Research	Office of the Vice President for Research
Michelle Stickler	Assistant Vice President for Research & Director	Office of Research Support and Compliance

- Additional support provided by Subject Matter Experts (SMEs) representing University stakeholder groups

RFP Scoring



- Scoring for each section is weighted such that the vendor with the highest score for each section receives 100% of the section value:

$$\left(\frac{\text{vendore score}}{\text{highest vendor score}} \right) \times \text{percentage}$$

RFP Results

		Huron			Kuali		
Weight	Evaluation Criteria	Evaluation Team Score	Score Range	Weighted Final Score	Evaluation Team Score	Score Range	Weighted Final Score
30	Proposal Score	56.13*	53.34 - 59.94	24.15	69.74	65.15 - 75.32	30.00
70	Demo score	69.13	59.97 - 78.68	70.00	58.12	49.39 - 70.48	58.85
Final Score (out of 100%)				94.15			88.85

*The evaluation team separately scored the Huron software-only proposal with a score of 55.91

RFP Results – Demo Scoring Details

		Huron		Kuali	
Weight	Evaluation Criteria	Evaluation Team Score	Score Range	Evaluation Team Score	Score Range
20	System Operation	13.69	12.44 - 15.11	11.38	9.78 - 12.89
20	Reporting	14.80	14.00 - 18.00	12.00	10.00 - 16.00
30	Proposal and Award Operation	21.33	18.00 - 24.67	17.13	12.67 - 23.33
30	Compliance Operation	19.31	15.53 - 22.24	17.61	15.88 - 19.41
Total		69.13		58.12	

eRA Distribution – Peer Institutions

	Huron	Kuali
Indiana University, Bloomington		Pre-Award, IRB, IACUC, COI
Michigan State University	IRB, IACUC	Pre-Award, COI
Pennsylvania State University	IRB, IACUC, COI	
Purdue University, West Lafayette		Pre-Award, IRB, IACUC
University of California, Berkeley		Pre-Award
University of California, Los Angeles	IRB, IACUC, COI	
University of California, San Diego		Pre-Award, IRB, IACUC, COI
University of Illinois at Urbana-Champaign		Pre-Award
University of Michigan, Ann Arbor	Pre-Award, IRB, IACUC, COI	
University of Minnesota, Twin Cities	IRB	
University of Washington	IRB, IACUC	
University of Wisconsin-Madison	IRB, IACUC, COI	
University of Texas MD Anderson Cancer Center	Pre-Award, IACUC, COI	
Arizona State University	Pre-Award, IRB, COI	
University of Florida	Pre-Award, IRB, IACUC	
University of Maryland, College Park and Baltimore		Pre-Award

High-Level Solution Comparison

	Huron	Kuali
Source Code	Proprietary; Software-only Model Includes SDK	Open Source/Open License
User Experience	Consistent	Varies Between Modules
Accessibility	Meets WCAG 2.0 Guidelines	Partial
Integration Across Modules	Yes	Partial
Vendor Experience With Workday Integration	Yes	None
Customization	With Software-only Model Only	None
User Community	Large	Large
Additional Modules	Safety (IBC), Animal Operations	None
Hosting	Included With SaaS; Additional Cost For Software-only	Included

- Both solutions meet other minimum EIR requirements outlined in RFP, including security, support, and data exportability

SaaS vs Software-only

- SaaS model
 - Minimal internal IT support needs
 - Always on the latest version of the software
 - Predictable costs
 - Requires that the University has a general willingness to adopt best practices and align business processes with the delivered solutions, without making significant customizations that would prevent upgradability as the solutions evolve and improve
- Software-only
 - Extreme flexibility (customization) to match unique business process
 - Control of data
 - Overall lower vendor cost
 - Requires significant internal IT resources
- SaaS was the overall recommendation of the RFP evaluation team; however the lack of customization and significant recurring annual costs are drawbacks



Cost



Recommendations / Discussion

Recommendations

Overall, Huron Solution Best Meets University Requirements

- Preferred solution of evaluation team
- Offers upgrade paths for additional components of the research enterprise (IBC, Animal Ordering)
- Ability to leverage vendor integration experience with Workday HR and Financials
- While Kualu has lower vendor costs, when internal staffing costs are factored in, Huron software-only model is comparable to Kualu

Software-only Model is Preferred Over SaaS

- Huron SaaS was the overall preference of the RFP evaluation team; however the lack of customization and recurring annual costs are significant drawbacks
- Need to confirm that there are no procurement issues with not proceeding with evaluation team's full recommendation

PI User Experience is Critical to Acceptance

- Solution should not be a barrier to research at UT
- Additional consideration: develop a PI-focused front-end to Huron solution that captures minimal data needed for a proposal

Evaluate Value of On-premise Hosting vs. Vendor Hosting

- While vendor-hosting comes at an additional cost, internal resources will be required to host the software in our own environment
- UT will also be responsible for infrastructure, disaster recovery, and service-level needs (e.g. uptime)