

Staff & Inmate Monitoring/Tracking RFID Solution

State of Arizona

Department of Corrections

Project Investment Justification (PIJ)

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Team Introduction

- Richard Evitch – Assistant Director, Finance
- Stephen Baird – Chief Information Officer, IT
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- Nan Nesvig - Senior Program Manager (PMO), IT

Project Introduction

Operational/Business Issue

- The signed Injunction No. CV-12-00601-PHX-ROS, Jensen vs. Thornell filed April 7th 2023 mandated installation of a comprehensive Radio Frequency Identification (RFID) system within restricted movement locations across state complexes, to track both inmate and staff movement in complex detention and mental health wards.
- Without an RFID system in these specific areas, it is difficult to pinpoint Correctional Officer and inmate locations in the event of emergency, and to precisely track and chart inmate movement.

Benefit to the State Agency and Constituents

- Installation of an RFID system will benefit the agency by oversight and compliance with the terms of the injunction.
- Provide the ability to track inmate and security staff movement which allows for transparency within restricted movement spaces and contributes to overall accountability.
- Ensures that staff and inmates are in designated areas and that security personnel can easily locate inmates and staff at any given time.

Proposed Solution

Due Diligence and Method of Procurement

- RFP issued on August 15, 2023 for six weeks with SOW encompassing all RFID and WIFI components as required by the injunction
- Respondents included one RFID vendor and one WIFI vendor
- RFID vendor respondent was Guardian RFID, current RFID Demo project vendor and known to ADCRR
- WIFI vendor was not a state known vendor
 - WIFI RFP estimate was in excess of \$21M (over five years) with an installation period exceeding the parameters of the injunction
- ADCRR can stand up the RFID system with our current WIFI bandwidth, however, long term, we will require additional bandwidth. We will utilize Network as a Service, to effectively save both the agency and state more than \$15M over a five year period for this project - this option is pending contract completion and will be presented at a later ITAC meeting as a Change Request
 - Total NaaS additional bandwidth cost is estimated to be \$6.25M versus the original \$21M bid

Technology

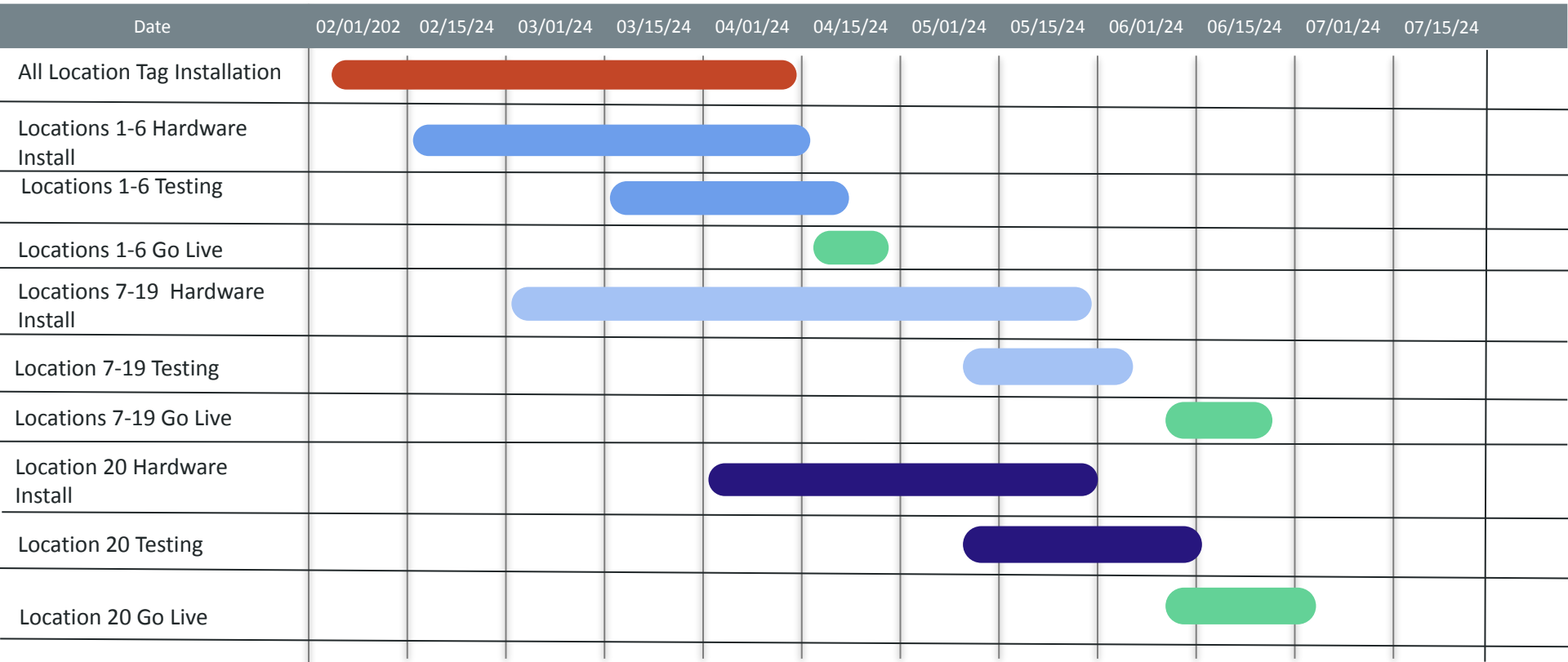
- ADCRR currently utilizes Guardian RFID as their Eyman Browning unit RFID vendor for the ongoing Demo project
- The RFID Demo project has been active since May 2023 and is very successful in meeting agency tracking and reporting criteria

Proposed Solution

Overview of Proposed Solution

- Injunction complaint **tracking of inmate and staff movement** in detention and mental health wards as well as recreation, medical, commissary, counseling, programming, and various other locations at those complexes.
- Implementation of an RFID system for 20 mental health and detention wards across 12 complex locations which will not only result in injunction compliance but also **increase ADCRR's ability to provide timely medical transference services and schedules for the inmates.**
- Oversight of Correctional Officer activities providing for more **accountability.**
- Video recordings and digital logs of inmate refusals (food, medication, hygiene, appointments), enabling us to **better monitor these events and manage them more efficiently and effectively.**

Project Timeline



Project Costs

Project Costs by Category	FY24	FY25	FY26	FY27	FY28	Total
Professional & Outside Services (Contractors)	\$147,280	\$0	\$0	\$0	\$0	\$147,280
Hardware	\$606,835	\$0	\$0	\$0	\$0	\$606,835
Software	\$0	\$0	\$0	\$0	\$0	\$0
Communications	\$0	\$0	\$0	\$0	\$0	\$0
Facilities	\$0	\$0	\$0	\$0	\$0	\$0
License & Maintenance Fees	\$849,790	\$1,486,367	\$1,486,367	\$1,561,686	\$1,638,720	\$7,022,930
Other Operational Expenditures	\$0	\$0	\$0	\$0	\$0	\$0
Total Development	\$1,603,905	\$0	\$0	\$0	\$0	\$1,603,905
Total Operational	\$0	\$1,486,367	\$1,486,367	\$1,561,686	\$1,638,720	\$6,173,140

Project Responsibilities

Identify Proposed Solutions Responsibilities

Agency

1. Gather Requirements
2. Project Management
3. User Acceptance Testing
4. Change Management
5. Internal Training

Shared

1. Complete System Requirements
2. System Interfaces & Integrations
3. Customizations
4. Data Migration
5. Training

Vendor

1. Requirement Gap Analysis
2. Project Management
3. Conceptual & Network Design
4. Development of Solution Platforms
5. Training Manuals
6. Deployment

Measures of Success

Upon deployment and go live, the RFID system will immediately increase accountability, tracking and monitoring capabilities, and create process efficiencies: We anticipate the following project successes:

- Within 3 months, the RFID system will increase log efficiency by 60% over the use of clipboards and paper log entries.
- Within 6 months, the RFID system will increase staff performance by 50% due to its ability to track CO activities, and by adding pictures and videos to supplement validity to the data obtained.
- Within 6 months, the RFID system will increase speed of inmate oversight by Corrections Officers by 80% as data is quantifiable and queried on a more immediate basis.
- Within 12 months, the RFID system will eliminate the use of paper logs, paper consumption, and inaccuracies in data logging by Corrections Officers by over 70% in restricted movement areas.

Q & A Session

Recommended Conditions

ADOA-ASET Conditions

1. Should development costs exceed the approved estimates by 10% or more, or should there be significant changes to the proposed technology scope of work or implementation schedule, the Agency must amend the PIJ to reflect the changes and submit it to ADOA-ASET, and ITAC if required, for review and approval prior to further expenditure of funds.
2. Monthly reporting on the project status is due to ADOA-ASET no later than the 15th of the month following the start of the project. Failure to comply with timely project status reporting will affect the overall project health. The first status report for this project is due on March 15, 2024.

ITAC Voting Options

What ITAC May Consider In Review Whether:

- a. The proposed solution addresses the stated problem or situation;
- b. The budget unit is competent to carry out the project successfully;
- c. Sufficient sponsorship and support by budget unit leadership exists;
- d. Cost estimates provided are accurate;
- e. The proposed project aligns with the budget unit's Strategic IT Plan; and
- f. The proposed solution complies with statewide IT standards.

ITAC Motions:

- a. Move to Approve
- b. Move to Approve with Conditions As Presented
- c. Move to Approve with Conditions
 - i. Committee May Modify or
 - ii. Add Conditions
- d. Move To Deny

Relevant Statutes and Rules

Appendix

Project Implementation by Location

	Guardian RFID Start	Guardian RFID Go Live			
Priority number	Complex	Unit	Locator code	Type of subclass	Cell Count
1	Eyman	Browning (entire unit)			720
2	Lewis	Rast (entire unit)	L21 L39	Max MHW	144
3		Morey	L05	Detention	80
4		Stiner	L03	Detention	70
5		Bachman	L09	Detention	80
6	Tucson	Cimarron	C13	Detention	8
7		Manzanita	C15	Detention	13
8		Complex	C04	Detention	40
9		Rincon	C29	MHW	43
10		Winchester	C17	Detention	13
11	Yuma	Cheyenne	Y10	Detention	40
12		Dakota	Y04 Y12	Detention MHW	40

	Guardian RFID Start	Guardian RFID Go Live			
13	Perryville	Lumley	B77	Detention	6
14		Perryville Complex	B30	MHW	23
15		Perryville Complex	TBD	MHW	3
16	Winslow	Winslow Complex @ Kaibab	W03	MHW	18
		Winslow Complex @ Kaibab	W18	Detention	
17	Douglas	Mohave	D11	Detention	45
		Mohave	D20	MHW	
18	Safford	Fort Grant - Miles	S05 S09	Detention MHW	25
19	Phoenix	Baker IPC area	TBD	MHW	6
20	Eyman	SmUI (entire unit)	A34 A40 A38 A30	Detention MHW Max SO Max PC	768