# Project Management

## Business Case

### Executive summary

#### Issue

#### Anticipated Outcomes

#### Recommendation

### Business case analysis team

### Problem definition

#### Problem statement

#### Organizational Impact

#### Technology Migration

### Project Overview

#### Project description

#### Goals and objectives

#### Project performance

#### Project assumption

#### Project constraints

#### Major project milestones

### Strategic Alignment

### Cost-benefit analysis

### Approvals

## Project charter

## Stakeholder Strategy

### Introduction

### Identify stakeholders

### Key stakeholders

### Stakeholder analyst

# Project Planning

## Project management plan

### Introduction

### Project management approach

### Project scope

### Milestone list

### Schedule baseline and WBS

### Change management plan

### Communication Management Plan

### Cost management plan

### Procurement Management Plan

### Project scope management plan

### Schedule management plan

### Quality management plan

### Risk management plan

### Risk Register

### Staffing Management Plan

### Cost Baseline

### Quality Baseline

## Risk management plan

### Introduction

### Top three risk

### Risk management approach

### Risk identification

### Risk Qualification ad Prioritization

### Risk Monitoring

### Risk Mitigation and Avoidance

### Risk Register

## cope management plan

### Introduction

### Scope management approach

### Roles and responsibilities

### Scope definition

### Project scope statement

### WBS

### Scope verification

### Scope control

# Project Execution plan

## Implementation and migration plan

### Purpose

### Description of implementation

### Points of contact

### Major task

### Implementation Schedule

### Security

### Implementation Support

### Listing of hardware, software and facilities

### Performance Monitoring

### Implementation Requirements (Hardware/Software/ Personnel/ Facilities/ other capital investment:

### Back Out Plan

### Post Implementation Verification

# Project Closure

## Transition-out plan

### Executive Summary

### Transition Approach

### Transition Team Organization

### Work Transition

### Work Execution during Transition

### Subcontracts

### Property Transition

#### Government Furnished Equipment (GFE)

#### Incumbent Owned Equipment

#### Intellectual Property

#### User Accounts and Passwords

### Knowledge Transfer

### Schedule

### Handover and Acceptance

## Project acceptance

## Post project review

### Project Summary

#### Project Team and Staffing

#### Project Deliverable (Planned vs. Actual)

#### Transition to Operations

### Project Costs

### Project Schedule

### Recommendations

# Technical solution design

## Project Information

## Executive Summary

## Requirement Definition

## Solution Description

### Logical Architecture

### High-Level Architecture

### Process Flow

## Implementation Timeline

# System architecture

## Business Process Architecture

## Application Architecture

## Data Architecture

## Technology Architecture

# Product Backlog

## Product backlog (user stories) Table

## Product Backlog for EIS Information Security

## Product Backlog for EIS Standards

## UI/UX (Icons, color, etc.)

## Product Backlog for integration

## Product Backlog for analytics

## Application System Analytics

## EIS Analytics

# Sprint backlog

## Sprint backlog table

### User stories

### Information security

### EIS standard

### EIS integration

### Analytics

## Sprint Burndown Chart

### Sprint Backlog

# EIS Implementation Model

## Information and Data Management

### Data Integration Model

### Data Migration Strategies

#### Planning

#### Data Profiling

#### Data Backup

#### Migration Design

#### Execution

#### Testing

#### Post-Migration Audit

### Data Analytics (Business Intelligence Framework)

### Privacy and Security

### Backup, Retention, and Disposal

## Information Security

### Physical Security

#### Administrative Security Controls

##### Personnel Security

##### Account Management

#### It and Security Policy

#### Technical Security Controls

##### It Infrastructure Security

##### Software Security Management

##### Cloud Security

##### Cybersecurity

#### Network Security

#### Firewall Management

#### Network Devices Security

#### Software Patch Management

#### Malware Protection

## Network Design and implementation Model

### Design Architecture

#### Hardware

#### Transmission Media

#### Protocols

#### Topology

### implementation Framework

# Conclusion and Recommendations

# Appendices:

## Appendix A Detailed System Architecture/ Reference requirements

### A.1 Business Process Architecture (Business Process Model)

### A.2 Application Architecture

#### A.2.1 UML- Use Case Diagram

#### A.2.2 UML- Detailed Diagrams

#### A.2.3 UI Navigation Diagram

#### A.2.4 UIs (Design Layout)

### A.3 Data Architecture

#### A.3.1 ERD

#### A.3.2 Class Diagram

#### A.3.3 Data Dictionary

### A.4 Technology Architecture

# Appendix B Deployment Diagram

# Appendix C Adviser Acceptance (Functional)

# Appendix D Sprint Burndown Charts (per sprint) Signed by the adviser

# Appendix D.1 Individual burndown charts per member

# Appendix B Deployment Diagram

# Appendix E Requirements Traceability Matrix (PB, Test Scenarios, status

# Appendix F Panel Evaluation and Signature (Plus photo ops during defense)

# Appendix G Pilot Companies Background with proofs of interviews

# Appendix H USB Copy of the codes (reliable USB)

# Appendix I IMRAD Format Summary

# Appendix J Comparison of the EIS to existing EIS’s (5 Pages)

# Appendix K Operation Manual (10 Pages max, 5 Pages min)