Administration

Cybersecurity Practice and Procedure Initiative **PR_AD012500**

System:	Administration	Driver Category:	Risk Mitigation
Type:	Software and Technology	Project Phase:	Pre Planning
		Regulatory:	None

PROGRAM CASH FLOW PROJECTION ($,000)

Prog Cost	Exp to Previous Year	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35
$15,500	$14,500	$1,000	$0	$0	$0	$0	$0	$0	$0	$0	$0

PROJECT DESCRIPTION

This project will provide for the development of a sustainable comprehensive framework for secure computing and data management utilizing a variety of hardware, software, and professional contractual services.

PROJECT JUSTIFICATION

IT staff has coordinated an IT security and vulnerability assessment. This project will address the assessment's recommendations for minimizing risk exposure.

FUNDING TYPE

Funding Type: Cash

CONTACTS

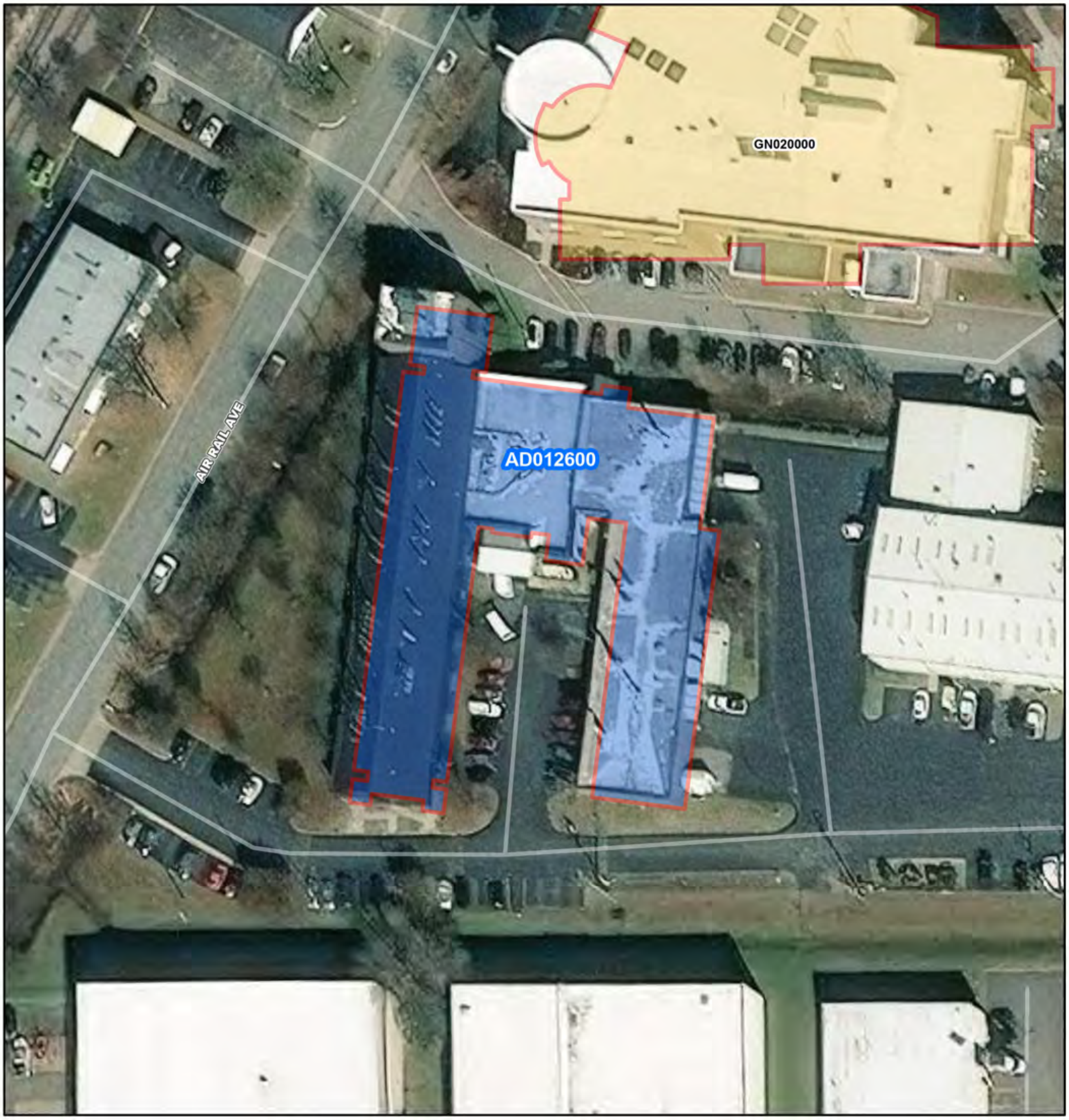
Contacts-Requesting Dept: Information Systems
Contacts-Dept Contacts: Roger Caslow
Contacts-Managing Dept: Information Systems

PROPOSED SCHEDULE START DATE

PrePlanning	07/01/2019
PER	07/01/2019
Design Delay	07/01/2019
Design	03/01/2021
Bid Delay	06/03/2025
PreConstruction	06/03/2025
Construction	06/03/2025
Closeout	06/03/2025

COST ESTIMATE

Cost Estimate Class:	**Class 1 (-3% to +15%)**
PrePlanning	$109,076
PER	$0
Design	$15,375,758
PreConstruction	$0
Construction	$15,166
Closeout	$0
Est. Program Cost	**$15,500,000**
Contingency Budget	$0
Est. Project Costs	**$15,500,000**



AD012600

- Project Interceptor Line
- Project Interceptor Point
- Project Location Point
- Project Area

Legend

- CIP Interceptor Point
- CIP Pump Station Point
- CIP Interceptor Line
- CIP Abandonment
- CIP Project Area
- HRSD Interceptor Force Main
- HRSD Interceptor Gravity Main
- WTP HRSD Treatment Plant
- PRS HRSD Pressure Reducing Station
- PS HRSD Pump Station

Feet
0 25 50 100 150 200

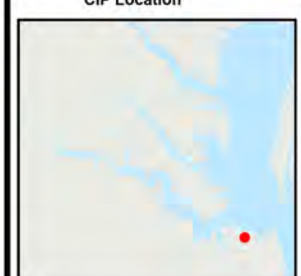
AD012600

Central Environmental Laboratory Expansion and Rehabilitation

HRSD

N
W E
S

CIP Location



Virginia Beach

Central Environmental Laboratory Expansion and Rehabilitation

PR_AD012600

System: Administration
Type: Facilities, Buildings and Capital Equipment

Driver Category: Aging Infrastructure/Rehabilitation
Project Phase: Construction
Regulatory: None

PROGRAM CASH FLOW PROJECTION ($,000)

Prog Cost	Exp to Previous Year	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35
$79,511	$5,167	$17,840	$35,680	$20,822	$2	$0	$0	$0	$0	$0	$0

PROJECT DESCRIPTION

This project is to expand and renovate the existing Central Environmental Laboratory (CEL). The project will include demolition of the empty, former Technical Services Division (TSD) and Pretreatment and Pollution Prevention (P3) spaces and expansion of the CEL on the site through construction of a multi-story mixed laboratory and administrative wing to the existing CEL. The project also includes renovating a significant portion of the existing CEL.

PROJECT JUSTIFICATION

In January 2021, HRSD commissioned the firm of CDM Smith to perform a needs assessment and feasibility assessment of the existing Central Environmental Laboratory. The study considered laboratory space, facilities, space utilization, laboratory functions and equipment, current and future analytical needs to consider long-term staffing, new laboratory technologies and the ability to support the SWIFT initiative, future regulatory compliance and research initiatives projected through year 2045. The Study concluded the existing CEL cannot accommodate future spaces needs through 2045 and, at a minimum, an additional 18,000 square feet of space was needed to meet all studied 2045 scenarios.

FUNDING TYPE

Funding Type: Revenue Bond

CONTACTS

Contacts-Requesting Dept: Water Quality
Contacts-Dept Contacts: Tim Marsh
Contacts-Managing Dept: Engineering

PROPOSED SCHEDULE START DATE

PrePlanning	04/12/2022
PER	05/11/2022
Design Delay	06/30/2022
Design	08/15/2023
Bid Delay	11/01/2024
PreConstruction	03/01/2025
Construction	01/01/2026
Closeout	02/01/2028

COST ESTIMATE

Cost Estimate Class:	**Class 1 (-3% to +15%)**
PrePlanning	$0
PER	$1,091,800
Design	$3,669,586
PreConstruction	$257,000
Construction	$74,482,687
Closeout	$10,000
Est. Program Cost	**$79,511,073**
Contingency Budget	$3,485,094
Est. Project Costs	**$82,996,167**

Capital Improvement Program Labor Program

PR_AD012700

System: Administration
Type: Labor

Driver Category: Labor
Project Phase: Proposed
Regulatory: None

PROGRAM CASH FLOW PROJECTION ($,000)

Prog Cost	Exp to Previous Year	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35
$52,384	$0	$0	$4,821	$5,062	$5,315	$5,581	$5,860	$6,153	$6,338	$6,528	$6,724

PROJECT DESCRIPTION

This project will account for internal labor necessary to implement the Capital Improvement Program.

PROJECT JUSTIFICATION

This project will serve as a placeholder for internal labor needed to implement the CIP. Each year a new project will be created from this program to be appropriated to cover labor for that fiscal year.

FUNDING TYPE

Funding Type: Cash

CONTACTS

Contacts-Requesting Dept: Finance
Contacts-Dept Contacts: Erin Girardi
Contacts-Managing Dept: Finance

PROPOSED SCHEDULE START DATE

PrePlanning	
PER	
Design Delay	
Design	
Bid Delay	
PreConstruction	
Construction	07/01/2026
Closeout	06/02/2034

COST ESTIMATE

Cost Estimate Class:	**Class 5 (-20% to +100%)**
PrePlanning	$0
PER	$0
Design	$0
PreConstruction	$0
Construction	$52,383,990
Closeout	$0
Est. Program Cost	**$52,383,990**
Contingency Budget	$0
Est. Project Costs	**$52,383,990**

Capital Improvement Program Internal Labor FY26 PR_AD012740

System: Administration
Type: Labor

Driver Category: Labor
Project Phase: Proposed
Regulatory: None

PROGRAM CASH FLOW PROJECTION ($,000)

Prog Cost	Exp to Previous Year	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35
$4,383	$0	$4,383	$0	$0	$0	$0	$0	$0	$0	$0	$0

PROJECT DESCRIPTION

This project will account for internal labor necessary to implement the Capital Improvement Program.

PROJECT JUSTIFICATION

This project will cover internal labor for fiscal year 2026.

FUNDING TYPE

Funding Type: Cash

CONTACTS

Contacts-Requesting Dept: Finance
Contacts-Dept Contacts: Erin Girardi
Contacts-Managing Dept: Finance

PROPOSED SCHEDULE START DATE

PrePlanning	07/01/2025
PER	07/01/2025
Design Delay	07/01/2025
Design	07/01/2025
Bid Delay	07/01/2025
PreConstruction	07/01/2025
Construction	07/01/2025
Closeout	07/01/2026

COST ESTIMATE

Cost Estimate Class:	**Class 1 (-3% to +15%)**
PrePlanning	$0
PER	$0
Design	$0
PreConstruction	$0
Construction	$4,383,000
Closeout	$0
Est. Program Cost	**$4,383,000**
Contingency Budget	$0
Est. Project Costs	**$4,383,000**

Customer Cloud Service Implementation

PR_AD012800

System:	Administration	Driver Category:	Performance Upgrades
Type:	Software and Technology	Project Phase:	Proposed
		Regulatory:	None

PROGRAM CASH FLOW PROJECTION ($,000)

Prog Cost	Exp to Previous Year	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35
$9,400	$0	$4,904	$4,496	$0	$0	$0	$0	$0	$0	$0	$0

PROJECT DESCRIPTION

This project will implement the Customer Cloud Service (CCS) platform. This platform will have 5 environments: one production, two test, two development. Implementation of CCS will also provide the opportunity to implement four other modules not currently available to on-prem clients: Meter Data management, Lifecycle management, Test accelerator, and Oracle Utilities Analytics. This project will build the interfaces between CCS and customer portal, bill print, and mobile workforce applications.

PROJECT JUSTIFICATION

The current on premise Customer Care and Billing System (CCB) will no longer be supported by Oracle. In an effort to maintain business continuity, HRSD will need to implement a new platform that is cloud hosted.

FUNDING TYPE

Funding Type: Revenue Bond

CONTACTS

Contacts-Requesting Dept: Information Systems
Contacts-Dept Contacts: Coleen Moody
Contacts-Managing Dept: Information Systems

PROPOSED SCHEDULE START DATE

PrePlanning	
PER	
Design Delay	
Design	
Bid Delay	
PreConstruction	
Construction	07/01/2025
Closeout	

COST ESTIMATE

Cost Estimate Class:	**Class 5 (-20% to +100%)**
PrePlanning	$0
PER	$0
Design	$0
PreConstruction	$0
Construction	$9,400,000
Closeout	$0
Est. Program Cost	**$9,400,000**
Contingency Budget	$470,000
Est. Project Costs	**$9,870,000**