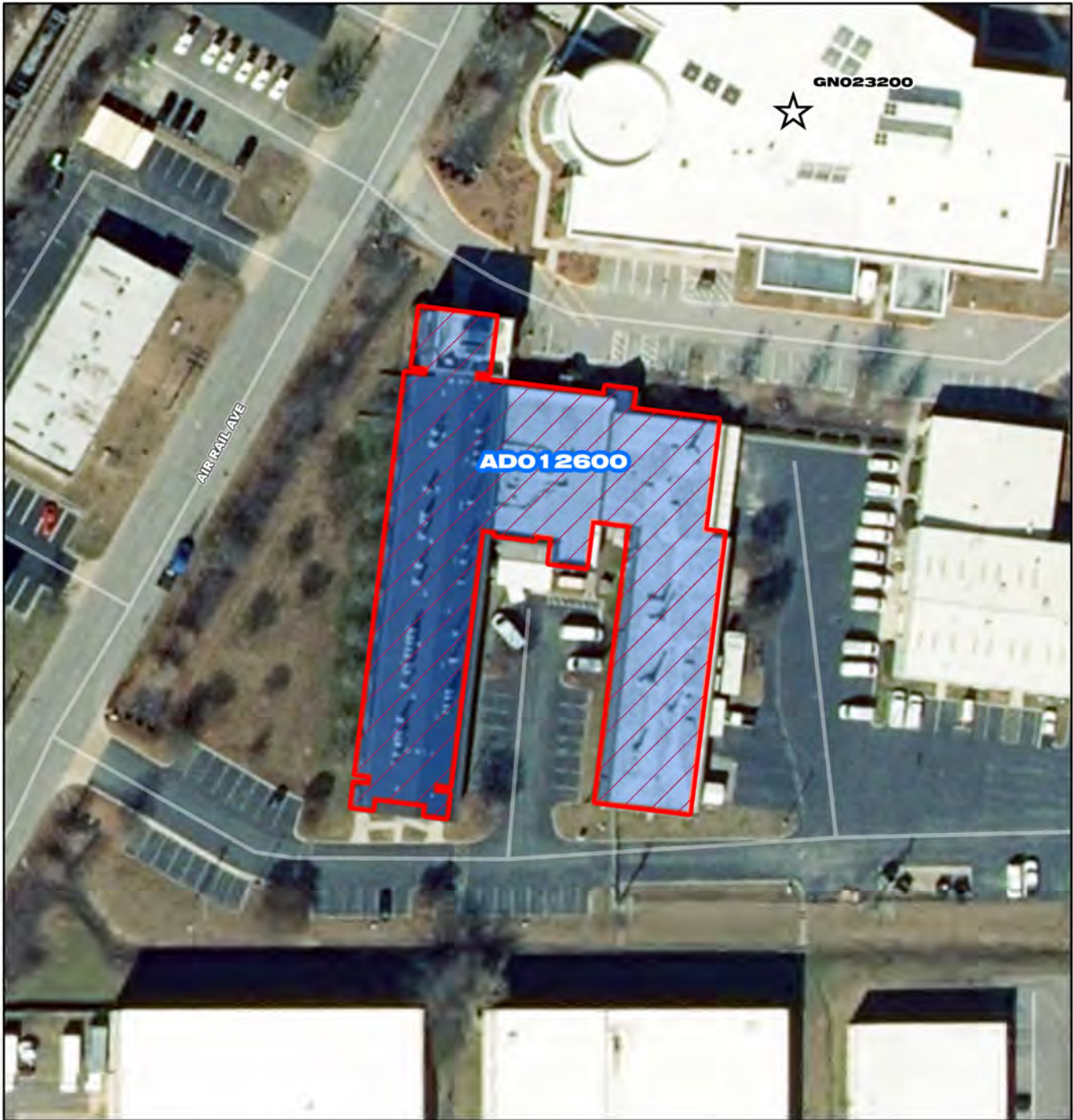
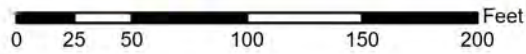




Administration



- ADO 12600**
- 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
 - HRSD Treatment Plant
 - HRSD Pressure Reducing Station
 - HRSD Pump Station



ADO 12600

Central Environmental Laboratory Expansion and Rehabilitation



CIP Location



Virginia Beach

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	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36
\$79,362	\$27,703	\$29,075	\$22,584	\$0	\$0	\$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	04/12/2022
Design Delay	04/28/2022
Design	01/05/2023
Bid Delay	04/10/2023
PreConstruction	12/18/2023
Construction	01/01/2025
Closeout	04/01/2028

COST ESTIMATE

Cost Estimate Class:	Class 1 (-3% to +15%)
PrePlanning	\$0
PER	\$1,098,238
Design	\$3,669,586
PreConstruction	\$101,810
Construction	\$74,482,687
Closeout	\$10,000
Est. Program Cost	\$79,362,322
Contingency Budget	\$3,485,094
Est. Project Costs	\$82,847,416

System: Administration
 Type: Labor

Driver Category: Labor
 Project Phase: Proposed
 Regulatory: None

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to Previous Year	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36
\$54,143	\$0	\$0	\$5,484	\$5,233	\$5,495	\$5,769	\$6,058	\$6,240	\$6,427	\$6,620	\$6,818

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 07/01/2027
 Closeout 07/01/2037

COST ESTIMATE

Cost Estimate Class:	
PrePlanning	\$0
PER	\$0
Design	\$0
PreConstruction	\$0
Construction	\$54,142,966
Closeout	\$0
Est. Program Cost	\$54,142,966
Contingency Budget	\$0
Est. Project Costs	\$54,142,966

System: Administration
 Type: Labor

Driver Category: Labor
 Project Phase: Proposed
 Regulatory: None

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to Previous Year	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36
\$5,247	\$0	\$5,247	\$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 2027.

FUNDING TYPE

Funding Type: Cash

CONTACTS

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

PROPOSED SCHEDULE START DATE

PrePlanning	07/01/2026
PER	07/01/2026
Design Delay	07/01/2026
Design	07/01/2026
Bid Delay	07/01/2026
PreConstruction	07/01/2026
Construction	07/01/2026
Closeout	07/01/2027

COST ESTIMATE

Cost Estimate Class:	Class 1 (-3% to +15%)
PrePlanning	\$0
PER	\$0
Design	\$0
PreConstruction	\$0
Construction	\$5,246,500
Closeout	\$0
Est. Program Cost	\$5,246,500
Contingency Budget	\$0
Est. Project Costs	\$5,246,500

System: Administration
 Type: Software and Technology

Driver Category: Performance Upgrades
 Project Phase: Proposed
 Regulatory: None

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to Previous Year	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36
\$9,701	\$1,732	\$4,157	\$3,811	\$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: Ashley McCormick
 Contacts-Managing Dept: Information Systems

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	07/01/2026
Closeout	06/02/2028

COST ESTIMATE

Cost Estimate Class:	Class 5 (-20% to +100%)
PrePlanning	\$0
PER	\$0
Design	\$0
PreConstruction	\$0
Construction	\$9,700,800
Closeout	\$0
Est. Program Cost	\$9,700,800
Contingency Budget	\$485,040
Est. Project Costs	\$10,185,840

System: Administration
 Type: Software and Technology

Driver Category: Performance Upgrades
 Project Phase: Proposed
 Regulatory: None

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to Previous Year	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36
\$3,102	\$0	\$3,102	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT DESCRIPTION

This project provides for the development of a sustainable, comprehensive framework for enterprise computing and network resiliency through the strategic improvement of hardware infrastructure.

PROJECT JUSTIFICATION

These hardware infrastructure improvements ensure a secure, high-performance physical foundation for enterprise data management and distributed operations.

FUNDING TYPE

Funding Type: Revenue Bond

CONTACTS

Contacts-Requesting Dept: Information Systems
 Contacts-Dept Contacts: Eric Sessions
 Contacts-Managing Dept: Information Systems

PROPOSED SCHEDULE START DATE

PrePlanning	07/01/2026
PER	07/01/2026
Design Delay	07/01/2026
Design	07/01/2026
Bid Delay	07/01/2026
PreConstruction	07/01/2026
Construction	07/01/2026
Closeout	07/01/2027

COST ESTIMATE

Cost Estimate Class: Class 5 (-20% to +100%)	
PrePlanning	\$0
PER	\$0
Design	\$0
PreConstruction	\$0
Construction	\$3,102,000
Closeout	\$0
Est. Program Cost	\$3,102,000
Contingency Budget	\$0
Est. Project Costs	\$3,102,000

System: Administration
 Type: Software and Technology

Driver Category: Performance Upgrades
 Project Phase: Proposed
 Regulatory: None

PROGRAM CASH FLOW PROJECTION (\$,000)

Prog Cost	Exp to Previous Year	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36
\$12,775	\$0	\$2,839	\$8,517	\$1,419	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT DESCRIPTION

This project will design and implement a new cloud-hosted Enterprise Resource Planning software system (ERP). The conversion to a cloud-based ERP will require examination and revisions to current business practices and system design to accommodate the cloud application's functionality. All current interfaces will need to be redesigned to connect to the new platform. The project assumes a two phased, eighteen month implementation.

PROJECT JUSTIFICATION

The current ERP is an on-premises, self-hosted software solution that Oracle plans to sunset in the coming years. Oracle, along with other ERP vendors, is no longer investing new technology and modern enhancements in self-hosted systems. Transitioning to a cloud-based ERP will have numerous benefits including: enhanced system functionality and efficiency, improved security, incorporation of AI driven technology and capability, and regular, scheduled application updates. If this project is not advanced, alternative solutions or systems will need to be evaluated to ensure the organization's operational and technology needs continue to be met.

FUNDING TYPE CONTACTS

Funding Type: Revenue Bond

Contacts-Requesting Dept: Finance
 Contacts-Dept Contacts: Katie Markle
 Contacts-Managing Dept: Finance

PROPOSED SCHEDULE START DATE COST ESTIMATE

PrePlanning	07/01/2026
PER	01/01/2027
Design Delay	01/01/2027
Design	01/01/2027
Bid Delay	01/01/2027
PreConstruction	01/01/2027
Construction	03/01/2027
Closeout	09/01/2028

Cost Estimate Class:	Class 5 (-20% to +100%)
PrePlanning	\$0
PER	\$0
Design	\$0
PreConstruction	\$0
Construction	\$12,775,000
Closeout	\$0
Est. Program Cost	\$12,775,000
Contingency Budget	\$2,555,000
Est. Project Costs	\$15,330,000