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September 24, 2024

Pat Sullivan, Director
Office of Financial Management
Post Office Box 43113
Olympia, Washington 98504-3113
RE: Department of Health 2025 Supplemental Capital Budget Submittal

Dear Director Sullivan:

I respectfully submit our department's 2025 supplemental capital budget request for Governor Inslee's consideration.

This supplemental request continues the reinvestment of Drinking Water State Revolving Fund (DWSRF) repayment funds into the DWSRF program, providing incentives and loan funding for water systems to improve their planning and infrastructure project development request for repayment authorization. Continue loan implementation allows the state to meet its obligations to ensure the DWSRF program is funded and continues to serve the water systems of the state to provide safe and reliable drinking water to their constituents.

This request also seeks additional funds for the South Laboratory Addition, which was funded in the 2023-25 regular session. The sales tax in Shoreline, WA has risen from 10.3% to 10.4%, resulting in additional costs.

Best,



Umair A. Shah, MD, MPH Secretary of
Health

Enclosure

cc: Myra Baldini, Budget Assistant, Office of Financial Management
Amy Ferris, Chief Financial Officer, Department of Health
Elizabeth Perez, Chief of Public Affairs and Equity, Department of Health
Kristin Peterson, Chief of Policy, Planning and Evaluation, Department of Health
Jessica Todorovich, Chief of Staff, Department of Health



Allyson Brooks Ph.D., Director
State Historic Preservation Officer

September 30, 2021

Terry Williams, Architect
Capital Construction Project Manager
Disease Control and Health Statistics (DCHS)
Washington State Department of Health

In future correspondence please refer to:
Project Tracking Code: 111015-18-DOH
Property: Master Plan Project
Re: No Historic Properties Impacted

Dear Terry Williams:

Thank you for contacting the Washington State Historic Preservation Officer (SHPO) and Department of Archaeology and Historic Preservation (DAHP) regarding the above referenced proposal. Your communication on this action has been reviewed on behalf of the SHPO under provisions of Governor's Executive Order 21-02. Our review is based upon documentation provided in your submittal.

Our opinion continues that no historic properties will be impacted by the current project as proposed. However, any projects with a federal nexus (funding, permitting, etc.) is exempt from 21-02 consultation, and is deferred to the findings under Section 106 of the National Historic Preservation Act. As a result of our review, further contact with DAHP on this proposal is not necessary at this time.

However, if new information about affected resources becomes available and/or the project scope of work changes significantly, please resume consultation as our assessment may be revised. Also, if any archaeological resources are uncovered during construction, please halt work immediately in the area of discovery and contact the appropriate Native American Tribes and DAHP for further consultation.

Thank you for the opportunity to review and comment. Please ensure that the DAHP Project Number (a.k.a. Project Tracking Code) is shared with any hired cultural resource consultants and is attached to any communications or submitted reports. If you have any questions, please feel free to contact me.

Sincerely,

Holly Borth
Preservation Design Reviewer
(360) 890-0174
Holly.Borth@dahp.wa.gov



Department of Health
Deferred Maintenance Backlog Reduction Plan
Project List

Building System / Component	Project	Priority	Funding Type		FY25-27	FY27-29	FY29-31	FY31-33	FY33-35	Total	Average
			Operating	Capital							
Grounds											
Site Improvements											
Parking Lot	Striping	2	X		4,600	5,290		5,500	5,501	20,891	3,482
	Asphalt Repairs, Minor Repairs	2	X		12,000		15,000			27,000	4,500
	Pressure washing	2	X		5,250	5,249	5,248	5,510	5,786	27,043	4,507
Roads	Fire Lanes	2		X				310,000		310,000	51,667
	Striping and Signage	1	X		2,625	2,756	2,894	3,039	3,191	14,505	2,417
	Resurfacing and sealing	1,2	X			75,000				75,000	12,500
Sidewalks	Miscellaneous Repairs	1,2	X		5,775	6,064	6,367	6,685	7,020	31,911	6,382
										0	0
Signs	Refurbishing & Replacement	2,3	X		4,725	4,961	5,209	5,470	5,743	26,109	5,222
	Miscellaneous Repairs	2,3	X		3,150	23,308	3,473	23,647	3,829	57,407	11,481
Landscaping											
Replacement Plantings	Miscellaneous Planting Beds	2	X							0	0
	Miscellaneous Tree Planting	2	X		10,500	11,025	11,576	12,155	12,763	58,019	11,604
	Miscellaneous Tree Care	2	X		18,900	29,845	41,337	53,404	14,410	157,896	31,579
Lawn	Lawn Renovation	2	X							0	0
	Lawn Repairs	2,3	X							0	0
	Lawn Fertilization/Maintenance	2,3	X							0	0
Irrigation	Upgrade Original Irrigation Systems	2									
	Drainage Improvements	2	X		3,638	3,820	4,011	4,200	4,410	20,079	4,016
	Minor Repairs	2,3	X		0	5,000	0	0	0	5,000	1,000
										0	0
Infrastructure	Steam Repairs/Upkeep	1,2	X		11,393	11,963	12,561	13,189	13,848	62,954	12,591
	Plumbing Repairs/Upkeep	1,2	X							0	0
	Sewer Repairs/Upkeep	1,2	X							0	0
	Storm Drains Repairs/Upkeep	1,2	X		10,500	11,025	11,576	12,155	12,763	58,019	11,604
	Concrete Repairs/Upkeep	2	X		12,000	15,000	17,250	19,838	20,829	84,917	16,983
Exterior											
Roofing	Repairs	1,2	X		3,993	4,392	4,832	5,315	5,580	24,112	4,822
Exterior Walls											
Stucco	Stucco Repairs & Leakage	1,2,3	X		6,887	7,431	9,224	9,224	9,685	42,451	8,490
	Refinish (Elastomeric Acrylic)	3		X			550,000			550,000	110,000
	Painting	1,2,3	X					175,000		175,000	35,000
Windows	Miscellaneous Repairs	2	X		31,500	33,075	34,729	36,465	34,729	170,498	34,100
Interior											
Furniture	Lockers	3	X		0	0	0	0	0	0	0
	Lunchroom Tables	3	X		0	0	10,000	0	0	10,000	2,000
Painting	Painting	2	X				85,000			85,000	17,000

Building System / Component	Project	Priority	Funding Type		FY25-27	FY27-29	FY29-31	FY31-33	FY33-35	Total	Average
			Operating	Capital							
Floors	Replace Sheet Vinyl Flooring	1,2	X		0	100,000	5,000	5,000	5,250	115,250	23,050
	Replace Existing Quarry Tile	1,2,3	X		0	0	250,000	0	0	250,000	50,000
	Carpet, Vinyl, Tile Repair & Maintenance	1,2	X		26,250	27,563	28,941	30,388	31,907	145,048	29,010
Ceiling	Acoustical Ceiling Tile	1,2	X		5,250	15,000	5,500	5,775	6,064	37,589	7,518
Security	Card Key System, Proximity Cards	1	X		5,000	5,000	50,000	5,000	5,250	70,250	14,050
	Hard key replacement	1	X				15,000			15,000	3,000
	Fencing/Gates/Barricades	1,2	X							0	0
	Window Film/Tint	1,2	X							0	0
	Cameras	1,2	X			20,000				20,000	4,000
	Mechanical door replacements (Main hallway/wings)	1,2	X						70,000	70,000	14,000
	Additional Security Officers	1,2	X							0	0
Electrical	Panels, and MCC's Repair & Maintenance	1,2	X		1,200	1,200	1,200	1,300	1,300	6,200	1,240
	Lighting System Controls & Lighting	1		X	365,000	0	0	0	0	365,000	73,000
	Systems Testing	2	X				14,000		15,000	29,000	5,800
	Receptacle Replacement				50,000	2,100	2,205	2,315	2,431	59,051	11,810
Plumbing	Systems Testing & Repairs	3	X		5,000	5,000	5,000	5,000	5,250	25,250	5,050
	Replace Deionized Water System - piping	1								0	0
	Reinsulate Piping	4	X		307,431					307,431	61,486
	Glass Drain/Vent Repairs	1,2,3	X		6,300	6,615	6,946	7,293	7,658	34,811	6,962
	Install New Boilers (Central Boiler Plant)	1								0	0
	Fixtures Repair/Replace	1,2,3	X		5,000	5,250	5,513	5,788	6,078	27,628	5,526
Fire Suppression	Fire Controls & Sprinkler Maintenance	1	X		8,400	8,820	9,261	9,724	10,210	46,415	9,283
Communications	Upgrade & Removed Abandoned Cable	3	X		8,925	9,371	9,840	10,332	10,848	49,316	9,863
Mechanical Systems											
Pumps	Miscellaneous Repairs	1,2	X		26,250	27,563	28,941	30,388	31,907	145,048	29,010
Ancillaries	Miscellaneous Repairs & Maintenance	1,3	X		15,750	16,538	17,364	20,233	21,245	91,130	18,226
Chemical	Water Treatment	1,2,3	X		850	900	900	1,000	1,000	4,650	930
Steam Repair/Upkeep	Boiler and Distribution Component Repairs	1,2,3	X		6,887	6,887	7,431	7,431	9,685	38,321	7,664
HVAC	Fans, Actuators, Coils, Sensors, etc.	1,2,3	X		8,000	8,300	8,300	8,500	8,500	41,600	8,320
Controls	Automation Computers and Wiring	1,2,3	X		14,070	14,774	15,512	16,288	17,102	77,746	15,549
Chillers	Miscellaneous Repairs	1,2	X		10,500	11,025	11,576	12,155	12,763	58,019	11,604
Chiller Replacement	Replacement	2,3		X				468,000	491,400	959,400	191,880
Air Compressors, Vacuums	Rebuild and replacement	1,2,3	X		55,000	5,500	5,775	6,064	6,064	78,403	15,681
Miscellaneous Systems											
Life Safety Systems	Public Address Systems (Active Shooter Alarms)	1		X		350,000				350,000	70,000
Wing recommissioning	Re-Balancing	1,2,3	X		175,000					175,000	35,000
Subtotal Operating:					1,253,499	552,608	784,491	580,769	445,598	3,616,965	723,393
Subtotal Capital:					365,000	350,069	550,000	778,000	491,400	2,534,469	506,894
										0	0
Total:					1,618,499	902,677	1,334,491	1,358,769	936,998	6,151,434	1,230,287

Maintenance Backlog Reduction Plan

The Public Health Laboratories (PHL) facility is located on the Department of Health campus in Shoreline. The primary building consists of approximately 81,000 gross square feet of office, laboratory, and storage space, and a secondary space includes approximately 3,200 square feet of office space. The DOH is responsible for managing the property, including maintaining the facility, grounds, and roadways.

Projects (operating and capital) are identified below. Costs and timing of the projects are shown in Attachment 1 at the end of this section.

Grounds

Site improvements and maintenance:

- Parking lots – These lots are heavily used and require periodic patching, repaving, and striping. Parking is provided for customers and employees.
- Roads – The roadway access to the campus receives heavy truck traffic. Before 2005, this road was maintained by DSHS. The roadway will need resurfacing and sealing in the 27-29 biennium.
- Sidewalks – The sidewalks provide safe access to the facility and cover the decommissioned steam piping. They are subject to normal wear and tear and need minor repairs, and occasional lid fabrication.
- Signs and furniture – Exterior signs and furniture require occasional replacement, repainting, and repair, based on normal wear and tear.
- Landscaping – The grounds of the PHL require regular maintenance. Trees must be pruned, removed, and replaced.
- Lawn – The PHL is an important part of the community, and the grounds (lawns, trees, trails) are kept up to the community standards.
- Irrigation – The irrigation system requires annual maintenance. The system requires regular maintenance every three to four years to ensure sustainable water distribution, head and control maintenance, and power use.

Infrastructure

- Plumbing/sewer/storm drains – These systems receive normal wear and tear and need regular maintenance. These systems also require periodic testing. Maintenance/repair budget will be required for future biennium forecasts.
- Electrical – Lighting at the PHL is being replaced in phases. Phase one was completed during the 23-25 biennium. Phase II will be completed during 25-27. This is a capital project.
- Central Boiler Plant – Construction of a hot water heating system that will replace the Fircrest campus steam system to the PHL with a significantly more efficient hot water heating system is continuing into the 23-25 biennium. Long term benefits of this project are improved energy efficiencies and reduced future increases in operating costs. The project will also separate PHL from the DSHS infrastructure as the Fircrest

Campus uses are changed in the future. Other benefits include the ability to use hot water heating on future lab additions as outlined in the master plan, greater simplicity of future building systems, and more dependability than a steam system. This project will also reduce the PHL's carbon footprint by 85-90%.

- Nitrogen Generation – A new nitrogen generator was installed during the 15-17 biennium, replacement compressor due in 25-27 biennium.
- Vacuum System will be decommissioned after end of life, in favor of small local units at lab workstations.

Buildings

Exterior

- Roof Maintenance - The facility's roof was replaced during the 07-09 biennium. New roofing is on several additions constructed during the 09-11, 15-17, and 21-23 biennium. Funding is required for repairs and maintenance based on normal wear and tear.
- Exterior wall system – The facility was built with a stucco exterior finish. The stucco is finished with an elastomeric coating and painted to maintain the integrity of the coating and exterior. The last elastomeric coating was completed in 1997 and has an expected life of 15 years and is scheduled to be refinished in the 29-31 biennium.
- Windows – Exterior windows at PHL are reaching the end of their expected life and will be replaced as they fail with energy efficient glass to reduce electricity consumption.

Interior

- Floors and ceiling – The vinyl in the building has reached the end of its useful life and will be replaced on a wing-by-wing basis over the next few biennia. Floors and ceilings in the PHL will be repaired for normal wear and tear and because of program changes in the laboratories.
- Security - The laboratories current key card systems were upgraded to meet strict security requirements during the 19-21 biennium. New additions to the lab will expand the current key card system currently in use. The changes to lab programs could require changes or additions to the system. A new digital security camera system was installed in 13-15 biennium. Additional cameras were installed in the current 21-23 biennium by Capital Minor Works. Programs that run the key card and security camera systems will require upgrading within the 10-year plan.
- Electrical – system repairs and lighting – The electrical system will require system repairs, periodic testing and maintenance due to normal wear and tear during the 25-27 biennium. New LED lighting and controls are requested in the capital budget for 25-27.
- Plumbing – DI water system – the deionized water system generator was replaced during the 19-21 biennium to meet the laboratories needs and requirements for testing. New piping was installed during the 23-25 biennium. The system will only require maintenance upgrades during the 10-year maintenance period.

- Plumbing – re-insulated piping - Re-insulation of steam piping is required to maintain energy conservation. Deterioration of insulation is a consequence of normal wear and tear.
- Plumbing –Piping, acid resistant glass drain/vents, and fixtures –Normal wear and tear maintenance.
- Fire Suppression - The laboratories fire suppression sprinkler system requires repairs and upgrades due to normal wear and tear.
- Communications - Upgrading of cabling and removal of abandoned cable will be required due to normal wear and tear.

Mechanical systems

- Pumps – normal wear and tear maintenance.
- HVAC – normal wear and tear maintenance.
- Ancillaries – normal wear and tear maintenance.
- Chemical water treatment – normal wear and tear maintenance.
- Controls; Automation Computers and wiring – normal wear and tear maintenance.
- Steam Boiler and Distribution – normal wear and tear maintenance.
- Water-cooled Chillers – normal wear and tear maintenance. End of life replacement due in 31-33 biennium.
- Air Compressors/Vacuums – normal wear and tear maintenance.

Miscellaneous Systems

- Public Address System – To meet safety requirements, a public address system that reaches all areas of the laboratory needs to be installed and was planned for the 21-23 biennium. Due to supply chain issues that project did not happen. It will be re-requested in the 27-29 biennium as a capital project.

Recommissioning

- The PHL are required to recommission the building systems for airflow and balancing. As a laboratory, the demands on the HVAC, water, and steam systems are more complex than the typical office building. These systems combine to provide adequate safety for both employees and the community. The lab will recommission all building systems every five years.

3.2 Facility Assessments

- The maintenance preservation plan of the PHL is designed to maintain the facilities as a safe and reliable workplace and a good neighbor. The maintenance preservation plan protects the long-term value of the state's assets. This translates into a policy that maintains the building infrastructure at or above the as-built standards to which it was constructed. The laboratory spaces are maintained in compliance with laboratory design, safety, and maintenance standards outlined in

- the “Biosafety in Microbiological and Biomedical Laboratories (BMBL) manual, 6th Edition.”
- In 2009, a formal standardized assessment was taken of key building infrastructure components by General Administration. Maintenance projects were assessed based on asset age, condition, capacity, and program need. Budgets and maintenance activities for the upcoming year/biennium are performed according to these priorities.
 - An electronic facilities and equipment maintenance system has been installed at the PHL. This system helps develop, prioritize, and schedule maintenance/replacement for major assets and will help with the planned building assessment.
 - The department used the following criteria in determining maintenance project priority:
 - 1) Maintaining the safety of occupants and the community.
 - 2) Budget.
 - 3) Resources and protection of people/environment.
 - 4) Protection of assets.
 - 5) Program needs or requirements; and
 - 6) Cost savings.
 - Informal re-assessments of all projects scheduled, and priorities are done monthly and changed according to need and budget.
 - The facilities team regularly conducts an assessment by looking at the unmet needs list and the length of time items have been on the list. The agency uses a combination of program funds and maintenance funds to support replacement of some capital assets such as windows, pumps, compressors, etc.
 - A list of prioritized maintenance projects is included as an attachment to this document.

**303 - Department of Health
Ten Year Capital Plan by Project Class**

2023-25 Biennium

*

Version: L2 DOH 25 Supplemental Capital Request

Report Number: CBS001

Date Run: 9/19/2024 1:49PM

Project Class: Program

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2023-25	New Approp 2023-25	Estimated 2025-27	Estimated 2027-29	Estimated 2029-31	Estimated 2031-33
0	4000082 South Laboratory Addition - Additional Funding									
	057-1 State Bldg Constr-State	46,000				46,000				

Project Class: Grant

Agency Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2023-25	New Approp 2023-25	Estimated 2025-27	Estimated 2027-29	Estimated 2029-31	Estimated 2031-33
0	4000087 Supplemental Repayment Spending Authority									
	04R-1 Drinking Water Asst.-State	50,000,000				50,000,000				

Total Account Summary

Account-Expenditure Authority Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2023-25	New Approp 2023-25	Estimated 2025-27	Estimated 2027-29	Estimated 2029-31	Estimated 2031-33
04R-1 Drinking Water Asst.-State	50,000,000				50,000,000				
057-1 State Bldg Constr-State	46,000				46,000				
Total	50,046,000				50,046,000				

Ten Year Capital Plan by Project Class

*

Report Number: CBS001
Date Run: 9/19/2024 1:49PM

<u>Parameter</u>	<u>Entered As</u>	<u>Interpreted As</u>
Biennium	2023-25	2023-25
Functional Area	*	All Functional Areas
Agency	303	303
Version	L2-A	L2-A
Project Classification	*	All Project Classifications
Include Enacted	No	No
Sort Order	Project Class	Project Class
Include Page Numbers	Y	Yes
For Word or Excel	N	N
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

TAB B Capital Project Request – Preservation Projects

TAB C Capital Project Request – Programmatic Projects

303 - Department of Health Capital Project Request

2023-25 Biennium

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Version: T4 Terry's Working Budget 2nd Suppl

Report Number: CBS002

Date Run: 9/17/2024 2:46PM

Project Number: 40000082

Project Title: South Laboratory Addition - Additional Funding

Description

Starting Fiscal Year: 2025

Project Class: Program

Agency Priority: 0

Project Summary

This budget request is for an additional funds request for the South Laboratory Addition. The project was funded during the 23-25 regular session Capital Budget. Since then the sales tax in Shoreline, WA. has risen from 10.3% to 10.4%.

Project Description

1. Identify the problem or opportunity addressed. Why is the request a priority? This narrative should identify unserved/underserved people or communities, operating budget savings, public safety improvements or other backup necessary to understand the need for the request. For preservation projects, it is helpful to include information about the current condition of the facility or system.

This request is for additional funding due to the Shoreline sales tax increase from 10.3% to 10.4%. The additional amount is based on .1% of \$46,166,269 construction costs.

2. What will the request produce or construct (i.e., predesign or design of a building, construction of additional space etc.)? When will the project start and be completed? Identify whether the project can be phased, and if so, which phase is included in the request. Please provide detailed cost backup.

This money would be for additional sales taxes for the South Laboratory Addition. This project is a new Environmental Laboratory Sciences wing where they test for biotoxins in shellfish, radiation in soils and the environment, testing of drinking water, and chemical terrorism.

3. How would the request address the problem or opportunity identified in question 1? What would be the result of not acting?

The request will eliminate the need to use construction contingency money for sales taxes on the initial MACC.

4. What alternatives were explored? Why was the recommended alternative chosen? Be prepared to provide detailed cost backup. If this project has an associated predesign, please summarize the alternatives the predesign considered.

There are no other alternatives except to use construction contingency for the MACC sales tax.

5. Which clientele would be impacted by the budget request? Where and how many units would be added, people or communities served, etc.

No clients would be impacted

6. Does this project or program leverage non-state funding? If yes, how much by source? If the other funding source requires cost share, also include the minimum state (or other) share of project cost allowable and the supporting citation or documentation.

This request would be funded by the State Capital Building account.

7. Describe how this project supports the agency's strategic master plan or would improve agency performance. Reference feasibility studies, master plans, space programming and other analyses as appropriate.

This funding request helps support the South Laboratory Addition at the PHL. The SLA will increase efficiency in all of the different Environmental Laboratories.

8. Does this decision package include funding for any Information Technology related costs including hardware, software (to include cloud-based services, contracts, or staff? If the answer is yes, you will be prompted to attach a complete IT addendum. (See Chapter 10 of the operating budget instructions for additional requirements.)

There are no IT-related funding in this request.

9. If the project is linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda, including expenditure and FTE detail. See Chapter 13 (HEAL Act and Puget Sound Recovery) in the 2023-25 Operating Budget Instructions.

This project is not linked to the PSAA.

10. How does this project contribute to meeting the greenhouse gas emissions limits established in RCW 70A.45.05 Clean Buildings performance standards in RCW 19.27A.210, or other statewide goals to reduce carbon pollution and /or

303 - Department of Health
 Capital Project Request

2023-25 Biennium

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Version: T4 Terry's Working Budget 2nd Suppl

Report Number: CBS002

Date Run: 9/17/2024 2:46PM

Project Number: 40000082

Project Title: South Laboratory Addition - Additional Funding

Description

improve energy efficiency? Please elaborate.

Laboratories are known to use huge amounts of energy. In the past the PHL has done projects such as change the existing laboratory air flow from constant air volume to variable air volume (VAV), install chilled beams throughout the existing labs, and install an Aircuity system. All of these systems are designed to slow down air flow yet maintain safety for staff. Slowing down the air flow reduces the energy required to power the lab.

The new ELS wing will slow down air changes per hour (ACH) from an average of 10-12 ACH for the existing labs to 6 ACH during occupied hours and 4 ACH during unoccupied hours. The new wing will also use VAV hoods, Chilled Beams, manifold exhaust systems together, having smart outlets, and all LED lighting to decrease energy consumption. The exterior of the building will be as energy efficient as possible and will be commissioned to ensure that it is constructed correctly. An energy recovery system will be used on the addition. Energy recovery in laboratory buildings exhausting 100% of intake air can substantially contribute to lifetime energy cost savings, short payback periods, and lower peak loads. Lighting controls will be used in the ELS addition and controlled by the Building Automation System (BAS).

The project intends to include a 500 kW photo-voltaic (PV) system to offset up to 80% of the energy needed for this project. PV panels will be installed on the southern half of the ELS addition and will make up half of the 500 kW array. The remaining 250 kW PV system is proposed on structure at the new parking area and to provide cover along the pathway from parking to the building entry. There would also be charging stations in the new parking lots for electric vehicles. The solar panels for the SLA will be requested during the 27-29 biennium.

11. How is your proposal impacting equity in the state? Which communities are impacted by this proposal? Include both demographic and geographic communities. How are disparities in communities impacted?

Construction of this project does not impact equity in the state in any negative way. The new ELS Facility will require a percentage of contactors and sub-contractors to be minority and women owned businesses. This process will be overseen by DES during the construction phase.

Construction of the project will also reduce the environmental impacts of the PHL. Communities of color and communities of low economic standing are typical subjected to more environmental impacts than other communities. While not directly affecting the environment for any one community it will help reduce the environmental impacts of the overall environment of Washington State. Laboratories are known high energy consumers. Construction of this project, along with the current construction of the central boiler plant, will greatly reduce the environmental impact on the environment for the local community.

12. Is there additional information you would like decision makers to know when evaluating this request.

Location

City: Shoreline

County: King

Legislative District: 032

Project Type

New Facilities/Additions (Major Projects)

Growth Management impacts

No Growth Management Impacts, part of the 2010 PHL Master Plan approved by the City of Shoreline.

New Facility: No

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2023-25 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	46,000				46,000
	Total	46,000	0	0	0	46,000

303 - Department of Health
Capital Project Request

2023-25 Biennium

*

Version: T4 Terry's Working Budget 2nd Suppl

Report Number: CBS002

Date Run: 9/17/2024 2:46PM

Project Number: 40000082

Project Title: South Laboratory Addition - Additional Funding

Funding

		Future Fiscal Periods			
		2025-27	2027-29	2029-31	2031-33
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

Narrative

No additional staff required or operational costs until the 27-29 biennium.

Capital Project Request

2023-25 Biennium

*

<u>Parameter</u>	<u>Entered As</u>	<u>Interpreted As</u>
Biennium	2023-25	2023-25
Agency	303	303
Version	T4-A	T4-A
Project Classification	*	All Project Classifications
Capital Project Number	40000082	40000082
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	N	N
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

C-100(2022)

Updated June 2022

Quick Start Guide

GENERAL INFORMATION

- 1) The intended use of the C-100(2022) is to enable project managers to communicate their project cost estimates to budget officers in the standard format required for capital project budget requests/submittals to OFM.
- 2) This workbook is protected so that the worksheets within it cannot be moved or deleted in the usual manner. This protection is necessary to ensure that the cost estimate details and formulas align with the estimating application in the Capital Budgeting System.
- 3) The estimating format to develop the maximum allowable construction cost (MACC) is presented in Uniformat II.
- 4) Form-calculated costs such as A/E Basic Design Service fees and Agency Project Management costs are dependent on other estimated project costs such as MACC, equipment, etc.
- 5) Project estimates generated with this tool are not sufficient for budget request submittals to OFM. Use the Capital Budgeting System to submit capital project budget requests and attach the C-100 form.
- 6) Contact your assigned OFM Capital Budget Analyst with questions.

[OFM Capital Budget Analyst](#)

INSTRUCTIONS

- 1) Only green cells are available for data entry.
- 2) Fill in all known cells in the 'Summary' tab prior to moving on to the cost entry tabs A-G.
- 3) It is recommended, but not required, to fill out cost entry tabs in the following order:
A. Acquisition, C. Construction Contracts, D. Equipment, G. Other Costs, B. Consultant Services, F. Project Management, then E. Artwork.
- 4) If additional rows are inserted to capture additional project costs, a description must be provided in the Notes column or within Tab H. Additional Notes. Be particularly detailed for additional costs estimated for contingencies and project management.

FORM-CALCULATED COSTS (FEE CALCULATIONS)

- 1) A/E Basic Design Services: $AE\ Fee\ \% \times (MACC + Contingency)$
- 2) Design Services Contingency: $Contingency\ \% \times Consultant\ Services\ Subtotal$
- 3) Construction Contingency: $Contingency\ \% \times MACC$
- 4) Artwork: $0.5\% \times Total\ Project\ Cost$
- 5) Agency Project Management (Greater than \$1million): $(AE\ Fee\ \% - 3\%) \times (Acquisition\ Total + Consultant\ Services\ Total + MACC + Construction\ Contingency + Other\ Costs)$

STATE OF WASHINGTON
AGENCY / INSTITUTION PROJECT COST SUMMARY

Updated June 2022

Agency	Department of Health, Public Health Laboratories
Project Name	South Laboratory Addition - with 10.3% sales tax
OFM Project Number	40000063

Contact Information	
Name	Terry Williams
Phone Number	206/375-0025 (cell)
Email	terry.williams@doh.wa.gov

Statistics			
Gross Square Feet	32,201	MACC per Gross Square Foot	\$1,190
Usable Square Feet	29,290	Escalated MACC per Gross Square Foot	\$1,294
Alt Gross Unit of Measure			
Space Efficiency	91.0%	A/E Fee Class	A
Construction Type	Laboratories (Research)	A/E Fee Percentage	10.44%
Remodel	Yes	Projected Life of Asset (Years)	50
Additional Project Details			
Procurement Approach	DBB	Art Requirement Applies	Yes
Inflation Rate	4.90%	Higher Ed Institution	No
Sales Tax Rate %	10.30%	Location Used for Tax Rate	Shoreline
Contingency Rate	10%		
Base Month (Estimate Date)	February-23	OFM UFI# (from FPMT, if available)	A04008
Project Administered By	DES		

Schedule			
Pre-design Start		Pre-design End	
Design Start		Design End	
Construction Start	March-24	Construction End	December-25
Construction Duration	21 Months		

Green cells must be filled in by user

Project Cost Estimate			
Total Project	\$54,188,441	Total Project Escalated	\$58,580,985
		Rounded Escalated Total	\$58,581,000

Cost Estimate Summary

Acquisition			
Acquisition Subtotal	\$0	Acquisition Subtotal Escalated	\$0

Consultant Services			
Predesign Services	\$211,000		
Design Phase Services	\$2,448,221		
Extra Services	\$1,796,500		
Other Services	\$1,685,437		
Design Services Contingency	\$614,116		
Consultant Services Subtotal	\$6,755,274	Consultant Services Subtotal Escalated	\$6,975,803

Construction			
Maximum Allowable Construction Cost (MACC)	\$38,305,042	Maximum Allowable Construction Cost (MACC) Escalated	\$41,662,197
DBB Risk Contingencies	\$0		
DBB Management	\$0		
Owner Construction Contingency	\$4,110,504		\$4,504,702
Non-Taxable Items	\$0		\$0
Sales Tax	\$4,368,801	Sales Tax Escalated	\$4,755,191
Construction Subtotal	\$46,784,347	Construction Subtotal Escalated	\$50,922,090

Equipment			
Equipment	\$324,000		
Sales Tax	\$33,372		
Non-Taxable Items	\$0		
Equipment Subtotal	\$357,372	Equipment Subtotal Escalated	\$391,645

Artwork			
Artwork Subtotal	\$291,448	Artwork Subtotal Escalated	\$291,448

Agency Project Administration			
Agency Project Administration Subtotal	\$0		
DES Additional Services Subtotal	\$0		
Other Project Admin Costs	\$0		
Project Administration Subtotal	\$0	Project Administration Subtotal Escalated	\$0

Other Costs			
Other Costs Subtotal	\$0	Other Costs Subtotal Escalated	\$0

Project Cost Estimate			
Total Project	\$54,188,441	Total Project Escalated	\$58,580,985
		Rounded Escalated Total	\$58,581,000

Funding Summary

	Project Cost (Escalated)	Funded in Prior Biennia	New Approp Request 2023-2025	2025-2027	Out Years
Acquisition					
Acquisition Subtotal	\$0				\$0
Consultant Services					
Consultant Services Subtotal	\$6,975,803	\$5,129,000	\$1,847,071		-\$268
Construction					
Construction Subtotal	\$50,922,090		\$50,922,090		\$0
Equipment					
Equipment Subtotal	\$391,645		\$391,645		\$0
Artwork					
Artwork Subtotal	\$291,448		\$291,449		-\$1
Agency Project Administration					
Project Administration Subtotal	\$0				\$0
Other Costs					
Other Costs Subtotal	\$0				\$0

Project Cost Estimate					
Total Project	\$58,580,985	\$5,129,000	\$53,452,255	\$0	-\$270
	\$58,581,000	\$5,129,000	\$53,452,000	\$0	\$0
Percentage requested as a new appropriation			91%		

What is planned for the requested new appropriation? (Ex. Acquisition and design, phase 1 construction, etc.)

Construction

Insert Row Here

What has been completed or is underway with a previous appropriation?

Design is underway

Insert Row Here

What is planned with a future appropriation?

No future appropriation required

Insert Row Here

Cost Estimate Details

Acquisition Costs					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
Purchase/Lease					
Appraisal and Closing					
Right of Way					
Demolition					
Pre-Site Development					
Other					
Insert Row Here					
ACQUISITION TOTAL	\$0		NA	\$0	

Green cells must be filled in by user

Cost Estimate Details

Consultant Services					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
1) Pre-Schematic Design Services					
Programming/Site Analysis					
Environmental Analysis					
Predesign Study	\$196,000				
Design Charrette	\$15,000				
Insert Row Here					
Sub TOTAL	\$211,000		1.0000	\$211,000	Escalated to Design Start
2) Construction Documents					
A/E Basic Design Services	\$3,055,446				69% of A/E Basic Services
Actual Fee Adjustment	-\$607,225				
Insert Row Here					
Sub TOTAL	\$2,448,221		1.0000	\$2,448,221	Escalated to Mid-Design
3) Extra Services					
Civil Design (Above Basic Svcs)	\$150,000				
Geotechnical Investigation	\$126,000				
Commissioning	\$136,000				
Site Survey	\$120,000				
Testing	\$130,000				
LEED Services	\$30,000				Updated costs
Voice/Data Consultant	\$25,000				
Value Engineering	\$53,000				
Constructability Review	\$52,000				
Environmental Mitigation (EIS)					
Landscape Consultant	\$110,000				
Interior Design	\$100,000				
Exterior Waterproofing Consultant	\$40,000				
Security Consultant	\$75,000				
Acoustical Consultant	\$40,000				
Cost Estimating Consultant	\$100,000				
Life Cycle Cost Analysis	\$55,000				
Energy Life Cycle Cost Analysis	\$40,000				
A/E - Value Engineering	\$40,000				
A/E - Constructability Review	\$40,000				
Air Entrainment Study	\$30,000				
Artwork Coordination	\$4,500				
Reimbursables/Reprographics	\$20,000				
Models/Render'gs/Presentations	\$30,000				
Permitting	\$250,000				
Insert Row Here					

Sub TOTAL		\$1,796,500	1.0000	\$1,796,500	Escalated to Mid-Design
4) Other Services					
Bid/Construction/Closeout		\$1,372,737			31% of A/E Basic Services
HVAC Balancing		\$50,000			
Staffing					
Advertising		\$3,000			
Enhanced CA-Architect		\$95,000			
Enhanced CA-MEP		\$55,000			
Enhanced CA-Lab Planner		\$35,200			
A/E Commissioning Participation		\$24,500			
Record Documents		\$50,000			
Insert Row Here					
Sub TOTAL		\$1,685,437	1.0959	\$1,847,071	Escalated to Mid-Const.
5) Design Services Contingency					
Design Services Contingency		\$614,116			
Other					
Insert Row Here					
Sub TOTAL		\$614,116	1.0959	\$673,010	Escalated to Mid-Const.
CONSULTANT SERVICES TOTAL		\$6,755,274		\$6,975,803	

Green cells must be filled in by user

Cost Estimate Details

Construction Contracts					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
1) Site Work					
G10 - Site Preparation	\$708,000				
G20 - Site Improvements	\$3,339,352				
G30 - Site Mechanical Utilities	\$907,700				
G40 - Site Electrical Utilities	\$1,617,000				
G60 - Other Site Construction					
EV Parking - Required by WSEC	\$319,000				26 req., 26 ready, 26 capable
Insert Row Here					
Sub TOTAL	\$6,891,052		1.0500	\$7,235,605	
2) Related Project Costs					
Offsite Improvements					
City Utilities Relocation					
Parking Mitigation					
Stormwater Retention/Detention					
Other					
Insert Row Here					
Sub TOTAL	\$0		1.0500	\$0	
3) Facility Construction					
A10 - Foundations	\$650,000				
A20 - Basement Construction					
B10 - Superstructure	\$3,836,000				
B20 - Exterior Closure	\$3,187,000				
B30 - Roofing	\$949,000				
C10 - Interior Construction	\$1,877,000				
C20 - Stairs	\$267,000				
C30 - Interior Finishes	\$1,634,000				
D10 - Conveying	\$490				
D20 - Plumbing Systems	\$1,997,000				
D30 - HVAC Systems	\$4,934,000				
D40 - Fire Protection Systems	\$409,000				
D50 - Electrical Systems	\$4,719,000				
F10 - Special Construction	\$98,000				
F20 - Selective Demolition	\$200,000				
General Conditions	\$3,700,000				
Fixed Equipment & Furnishings	\$2,956,500				BSC, CFH, Lab Casework,
Insert Row Here					

Sub TOTAL	\$31,413,990	1.0959	\$34,426,592
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4) Maximum Allowable Construction Cost

MACC Sub TOTAL	\$38,305,042	\$41,662,197
	\$1,190	\$1,294 per GSF

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7) Owner Construction Contingency

Allowance for Change Orders	\$3,830,504		
Allowance for unknown infrastructure	\$280,000		Buried Navy Hospital Infrastructure
Insert Row Here			
Sub TOTAL	\$4,110,504	1.0959	\$4,504,702

8) Non-Taxable Items

Other			
Insert Row Here			
Sub TOTAL	\$0	1.0959	\$0

9) Sales Tax

Sub TOTAL	\$4,368,801	\$4,755,191
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CONSTRUCTION CONTRACTS TOTAL	\$46,784,347	\$50,922,090
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Green cells must be filled in by user

Cost Estimate Details

Equipment					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
1) Equipment					
E10 - Equipment					
E20 - Furnishings	\$324,000				
F10 - Special Construction					
Other					
Insert Row Here					
Sub TOTAL	\$324,000		1.0959	\$355,072	
2) Non Taxable Items					
Other					
Insert Row Here					
Sub TOTAL	\$0		1.0959	\$0	
3) Sales Tax					
Sub TOTAL	\$33,372			\$36,573	
EQUIPMENT TOTAL					
	\$357,372			\$391,645	

Green cells must be filled in by user

Cost Estimate Details

Artwork					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
1) Artwork					
Project Artwork	\$291,448				0.5% of total project cost for new construction 0.5% of total project cost for new and renewal construction
Higher Ed Artwork	\$0				
Other					
Insert Row Here					
ARTWORK TOTAL	\$291,448		NA	\$291,448	

Green cells must be filled in by user

Cost Estimate Details

Project Management					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
1) Agency Project Management					
Agency Project Management	\$0				
Additional Services					
Other					
Insert Row Here					
<i>Subtotal of Other</i>	<i>\$0</i>				
PROJECT MANAGEMENT TOTAL	\$0		1.0959	\$0	

Green cells must be filled in by user

Cost Estimate Details

Other Costs					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
Mitigation Costs					
Hazardous Material Remediation/Removal					
Historic and Archeological Mitigation					
Other					
Insert Row Here					
OTHER COSTS TOTAL	\$0		1.0500	\$0	

Green cells must be filled in by user

C-100(2022)
Additional Notes

Tab A. Acquisition

<i>Insert Row Here</i>

Tab B. Consultant Services

<i>Insert Row Here</i>

Tab C. Construction Contracts

<i>Insert Row Here</i>

Tab D. Equipment

<i>Insert Row Here</i>

Tab E. Artwork

<i>Insert Row Here</i>

Tab F. Project Management

<i>Insert Row Here</i>

Tab G. Other Costs

<i>Insert Row Here</i>

C-100(2022)

Updated June 2022

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[OFM Capital Budget Analyst](#)

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FORM-CALCULATED COSTS (FEE CALCULATIONS)

- 1) A/E Basic Design Services: $AE\ Fee\ \% \times (MACC + Contingency)$
- 2) Design Services Contingency: $Contingency\ \% \times Consultant\ Services\ Subtotal$
- 3) Construction Contingency: $Contingency\ \% \times MACC$
- 4) Artwork: $0.5\% \times Total\ Project\ Cost$
- 5) Agency Project Management (Greater than \$1million): $(AE\ Fee\ \% - 3\%) \times (Acquisition\ Total + Consultant\ Services\ Total + MACC + Construction\ Contingency + Other\ Costs)$

STATE OF WASHINGTON
AGENCY / INSTITUTION PROJECT COST SUMMARY

Updated June 2022

Agency	Department of Health, Public Health Laboratories
Project Name	South Laboratory Addition - with 10.3% sales tax
OFM Project Number	40000063

Contact Information	
Name	Terry Williams
Phone Number	206/375-0025 (cell)
Email	terry.williams@doh.wa.gov

Statistics			
Gross Square Feet	32,201	MACC per Gross Square Foot	\$1,190
Usable Square Feet	29,290	Escalated MACC per Gross Square Foot	\$1,294
Alt Gross Unit of Measure			
Space Efficiency	91.0%	A/E Fee Class	A
Construction Type	Laboratories (Research)	A/E Fee Percentage	10.44%
Remodel	Yes	Projected Life of Asset (Years)	50
Additional Project Details			
Procurement Approach	DBB	Art Requirement Applies	Yes
Inflation Rate	4.90%	Higher Ed Institution	No
Sales Tax Rate %	10.40%	Location Used for Tax Rate	Shoreline
Contingency Rate	10%		
Base Month (Estimate Date)	February-23	OFM UFI# (from FPMT, if available)	A04008
Project Administered By	DES		

Schedule			
Pre-design Start		Pre-design End	
Design Start		Design End	
Construction Start	March-24	Construction End	December-25
Construction Duration	21 Months		

Green cells must be filled in by user

Project Cost Estimate			
Total Project	\$54,231,413	Total Project Escalated	\$58,627,740
		Rounded Escalated Total	\$58,628,000

Cost Estimate Summary

Acquisition			
Acquisition Subtotal	\$0	Acquisition Subtotal Escalated	\$0

Consultant Services			
Predesign Services	\$211,000		
Design Phase Services	\$2,448,221		
Extra Services	\$1,796,500		
Other Services	\$1,685,437		
Design Services Contingency	\$614,116		
Consultant Services Subtotal	\$6,755,274	Consultant Services Subtotal Escalated	\$6,975,803

Construction			
Maximum Allowable Construction Cost (MACC)	\$38,305,042	Maximum Allowable Construction Cost (MACC) Escalated	\$41,662,197
DBB Risk Contingencies	\$0		
DBB Management	\$0		
Owner Construction Contingency	\$4,110,504		\$4,504,702
Non-Taxable Items	\$0		\$0
Sales Tax	\$4,411,217	Sales Tax Escalated	\$4,801,357
Construction Subtotal	\$46,826,763	Construction Subtotal Escalated	\$50,968,256

Equipment			
Equipment	\$324,000		
Sales Tax	\$33,696		
Non-Taxable Items	\$0		
Equipment Subtotal	\$357,696	Equipment Subtotal Escalated	\$392,000

Artwork			
Artwork Subtotal	\$291,680	Artwork Subtotal Escalated	\$291,680

Agency Project Administration			
Agency Project Administration Subtotal	\$0		
DES Additional Services Subtotal	\$0		
Other Project Admin Costs	\$0		
Project Administration Subtotal	\$0	Project Administration Subtotal Escalated	\$0

Other Costs			
Other Costs Subtotal	\$0	Other Costs Subtotal Escalated	\$0

Project Cost Estimate			
Total Project	\$54,231,413	Total Project Escalated	\$58,627,740
		Rounded Escalated Total	\$58,628,000

Funding Summary

	Project Cost (Escalated)	Funded in Prior Biennia	New Approp Request 2023-2025	2025-2027	Out Years
Acquisition					
Acquisition Subtotal	\$0				\$0
Consultant Services					
Consultant Services Subtotal	\$6,975,803	\$6,975,803			\$0
Construction					
Construction Subtotal	\$50,968,256	\$50,922,090	\$46,166		\$0
Equipment					
Equipment Subtotal	\$392,000	\$392,000			\$0
Artwork					
Artwork Subtotal	\$291,680	\$291,680			\$0
Agency Project Administration					
Project Administration Subtotal	\$0				\$0
Other Costs					
Other Costs Subtotal	\$0				\$0

Project Cost Estimate					
Total Project	\$58,627,740	\$58,581,573	\$46,166	\$0	\$1
	\$58,628,000	\$58,582,000	\$46,000	\$0	\$0
Percentage requested as a new appropriation			0%		

What is planned for the requested new appropriation? (Ex. Acquisition and design, phase 1 construction, etc.)
 The City of Shoreline raised their tax from 10.3% to 10.4%

Insert Row Here

What has been completed or is underway with a previous appropriation?
 Design is underway

Insert Row Here

What is planned with a future appropriation?
 No future appropriation required

Insert Row Here

Cost Estimate Details

Acquisition Costs					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
Purchase/Lease					
Appraisal and Closing					
Right of Way					
Demolition					
Pre-Site Development					
Other					
Insert Row Here					
ACQUISITION TOTAL	\$0		NA	\$0	

Green cells must be filled in by user

Cost Estimate Details

Consultant Services					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
1) Pre-Schematic Design Services					
Programming/Site Analysis					
Environmental Analysis					
Predesign Study	\$196,000				
Design Charrette	\$15,000				
Insert Row Here					
Sub TOTAL	\$211,000		1.0000	\$211,000	Escalated to Design Start
2) Construction Documents					
A/E Basic Design Services	\$3,055,446				69% of A/E Basic Services
Actual Fee Adjustment	-\$607,225				
Insert Row Here					
Sub TOTAL	\$2,448,221		1.0000	\$2,448,221	Escalated to Mid-Design
3) Extra Services					
Civil Design (Above Basic Svcs)	\$150,000				
Geotechnical Investigation	\$126,000				
Commissioning	\$136,000				
Site Survey	\$120,000				
Testing	\$130,000				
LEED Services	\$30,000				Updated costs
Voice/Data Consultant	\$25,000				
Value Engineering	\$53,000				
Constructability Review	\$52,000				
Environmental Mitigation (EIS)					
Landscape Consultant	\$110,000				
Interior Design	\$100,000				
Exterior Waterproofing Consultant	\$40,000				
Security Consultant	\$75,000				
Acoustical Consultant	\$40,000				
Cost Estimating Consultant	\$100,000				
Life Cycle Cost Analysis	\$55,000				
Energy Life Cycle Cost Analysis	\$40,000				
A/E - Value Engineering	\$40,000				
A/E - Constructability Review	\$40,000				
Air Entrainment Study	\$30,000				
Artwork Coordination	\$4,500				
Reimbursables/Reprographics	\$20,000				
Models/Render'gs/Presentations	\$30,000				
Permitting	\$250,000				
Insert Row Here					

Sub TOTAL		\$1,796,500	1.0000	\$1,796,500	Escalated to Mid-Design
4) Other Services					
Bid/Construction/Closeout		\$1,372,737			31% of A/E Basic Services
HVAC Balancing		\$50,000			
Staffing					
Advertising		\$3,000			
Enhanced CA-Architect		\$95,000			
Enhanced CA-MEP		\$55,000			
Enhanced CA-Lab Planner		\$35,200			
A/E Commissioning Participation		\$24,500			
Record Documents		\$50,000			
Insert Row Here					
Sub TOTAL		\$1,685,437	1.0959	\$1,847,071	Escalated to Mid-Const.
5) Design Services Contingency					
Design Services Contingency		\$614,116			
Other					
Insert Row Here					
Sub TOTAL		\$614,116	1.0959	\$673,010	Escalated to Mid-Const.
CONSULTANT SERVICES TOTAL		\$6,755,274		\$6,975,803	

Green cells must be filled in by user

Cost Estimate Details

Construction Contracts					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
1) Site Work					
G10 - Site Preparation	\$708,000				
G20 - Site Improvements	\$3,339,352				
G30 - Site Mechanical Utilities	\$907,700				
G40 - Site Electrical Utilities	\$1,617,000				
G60 - Other Site Construction					
EV Parking - Required by WSEC	\$319,000				26 req., 26 ready, 26 capable
Insert Row Here					
Sub TOTAL	\$6,891,052		1.0500	\$7,235,605	
2) Related Project Costs					
Offsite Improvements					
City Utilities Relocation					
Parking Mitigation					
Stormwater Retention/Detention					
Other					
Insert Row Here					
Sub TOTAL	\$0		1.0500	\$0	
3) Facility Construction					
A10 - Foundations	\$650,000				
A20 - Basement Construction					
B10 - Superstructure	\$3,836,000				
B20 - Exterior Closure	\$3,187,000				
B30 - Roofing	\$949,000				
C10 - Interior Construction	\$1,877,000				
C20 - Stairs	\$267,000				
C30 - Interior Finishes	\$1,634,000				
D10 - Conveying	\$490				
D20 - Plumbing Systems	\$1,997,000				
D30 - HVAC Systems	\$4,934,000				
D40 - Fire Protection Systems	\$409,000				
D50 - Electrical Systems	\$4,719,000				
F10 - Special Construction	\$98,000				
F20 - Selective Demolition	\$200,000				
General Conditions	\$3,700,000				
Fixed Equipment & Furnishings	\$2,956,500				BSC, CFH, Lab Casework,
Insert Row Here					

Sub TOTAL	\$31,413,990	1.0959	\$34,426,592
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4) Maximum Allowable Construction Cost

MACC Sub TOTAL	\$38,305,042	\$41,662,197
	\$1,190	\$1,294 per GSF

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7) Owner Construction Contingency

Allowance for Change Orders	\$3,830,504		
Allowance for unknown infrastructure	\$280,000		Buried Navy Hospital Infrastructure
Insert Row Here			
Sub TOTAL	\$4,110,504	1.0959	\$4,504,702

8) Non-Taxable Items

Other			
Insert Row Here			
Sub TOTAL	\$0	1.0959	\$0

9) Sales Tax

Sub TOTAL	\$4,411,217	\$4,801,357
-----------	-------------	-------------

CONSTRUCTION CONTRACTS TOTAL	\$46,826,763	\$50,968,256
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Green cells must be filled in by user

Cost Estimate Details

Equipment					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
1) Equipment					
E10 - Equipment					
E20 - Furnishings	\$324,000				
F10 - Special Construction					
Other					
Insert Row Here					
Sub TOTAL	\$324,000		1.0959	\$355,072	
2) Non Taxable Items					
Other					
Insert Row Here					
Sub TOTAL	\$0		1.0959	\$0	
3) Sales Tax					
Sub TOTAL	\$33,696			\$36,928	
EQUIPMENT TOTAL					
	\$357,696			\$392,000	

Green cells must be filled in by user

Cost Estimate Details

Artwork					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
1) Artwork					
Project Artwork	\$291,680				0.5% of total project cost for new construction 0.5% of total project cost for new and renewal construction
Higher Ed Artwork	\$0				
Other					
Insert Row Here					
ARTWORK TOTAL	\$291,680		NA	\$291,680	

Green cells must be filled in by user

Cost Estimate Details

Project Management					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
1) Agency Project Management					
Agency Project Management	\$0				
Additional Services					
Other					
Insert Row Here					
<i>Subtotal of Other</i>	<i>\$0</i>				
PROJECT MANAGEMENT TOTAL	\$0		1.0959	\$0	

Green cells must be filled in by user

Cost Estimate Details

Other Costs					
Item	Base Amount		Escalation Factor	Escalated Cost	Notes
Mitigation Costs					
Hazardous Material Remediation/Removal					
Historic and Archeological Mitigation					
Other					
Insert Row Here					
OTHER COSTS TOTAL	\$0		1.0500	\$0	

Green cells must be filled in by user

C-100(2022)
Additional Notes

Tab A. Acquisition

<i>Insert Row Here</i>

Tab B. Consultant Services

<i>Insert Row Here</i>

Tab C. Construction Contracts

<i>Insert Row Here</i>

Tab D. Equipment

<i>Insert Row Here</i>

Tab E. Artwork

<i>Insert Row Here</i>

Tab F. Project Management

<i>Insert Row Here</i>

Tab G. Other Costs

<i>Insert Row Here</i>

TAB D Capital Project Request – Grant Projects

303 - Department of Health Capital Project Request

2023-25 Biennium

*

Version: L2 DOH 25 Supplemental Capital Request

Report Number: CBS002

Date Run: 9/19/2024 1:47PM

Project Number: 40000087

Project Title: Supplemental Repayment Spending Authority

Description

Starting Fiscal Year: 2025

Project Class: Grant

Agency Priority: 0

Project Summary

Through low-interest loans provided by the DWSRF, states help water utilities comply with established regulations and protect public health. Annually, EPA funds each state's DWSRF through a capitalization grant, which is required to be matched by a 20% state contribution. States place the balance of their capitalization grant, together with the state match, into a dedicated revolving loan fund. This revolving fund provides loans and other authorized assistance to water systems for eligible infrastructure projects.?? As water systems repay their loans, the repayments and interest flow back into the dedicated revolving fund. These funds may be used to make additional loans.? The historical payback to the DWSRF on this investment has been exceptional. For every Federal dollar invested, \$1.87 is available to help communities.? The loans provided under the program "revolve" in that they are repaid by the water systems and then reutilized to fund additional planning and infrastructure project needs.? This budget request is for the authorization of the continued utilization of DWSRF repayment funds.

Project Description

1. What is the problem/opportunity?

This \$50 million supplemental appropriation continues the reinvestment of DWSRF repayment funds into DWSRF program, providing incentives and loan funding for water systems to improve their planning and infrastructure project development. The repayment funding allows the DWSRF program to "revolve" and leverages state and federal funding for effective project implementation.? The DWSRF program continues prioritize funding to small and disadvantaged communities pursuant to the funding targets in the 2021 Bipartisan Infrastructure Law as well as the goals of the HEAL Act.?

2. What will the request produce or construct (predesign/design of a building, additional space, etc.)?

This request for repayment authorization allows ODW to continue to fund vital planning and water infrastructure construction and rehabilitation projects.? Continued loan implementation allows the state to meet its obligation ensure the DWSRF program is funded and continues to serve the water systems of the state to provide safe reliable drinking water to their constituents.

3. How would the request address the problem or opportunity identified in question 1? What would be the result of not taking action?

Failure to continue to utilize repayment funding would result in the DWSRF program failing to meet its federal requirements to perpetually "revolve" the DWSRF fund to provide funding to water systems to address planning and infrastructure needs. The authorization requests continue the effective implementation of vital state/federal funding resources and allows payments to utilities that are already working under contract.

4. What alternatives were explored? Why was the recommended alternative chosen?

ODW explored not utilizing repayment funding to implement the funding program.? This results in the in

303 - Department of Health
 Capital Project Request

2023-25 Biennium

*

Version: L2 DOH 25 Supplemental Capital Request

Report Number: CBS002

Date Run: 9/19/2024 1:47PM

Project Number: 40000087

Project Title: Supplemental Repayment Spending Authority

Description

make funding available for vital water infrastructure projects, as well as risking the DWSRF program for f meet the requirements of federal law.?

5. Which clientele would be impacted by the budget request?

Water systems throughout Washington State, including small and disadvantaged communities, are encoura have the opportunity to utilize the DWSRF program in the form of technical assistance, planning and engin and infrastructure construction funding. The DWSRF 2023 Intended Use Plan includes:

- Over \$95.5 million in construction loan applications,
- Almost \$60 million in projects addressing emerging contaminants,
- \$1.3 million in lead service line inventory funding,
- \$2.6 million in planning and engineering loans,
- \$300,000 in consolidation feasibility grants.

Many of these projects are funded out of the repayment account.? Additional information can be found in Drinking Water State Revolving Fund Intended Use Plan.

6. Does this project or program leverage non-state funding? If yes, h

Location

City: Statewide

County: Statewide

Legislative District: 098

Project Type

Grants

Grant Recipient Organization: Washington State Department of Health

RCW that establishes grant: RCW 70.119A.170

Application process used

Criteria for the financial assistance program for public water systems includes, but is not limited to: (i) Determining projects addressing the most serious risk to human health; (ii) Determining the capacity of the system to effectively manage its resources including meeting state financial viability criteria; and (iii) Determining the relative benefit to the community served. The annual application cycle is held each September. Applications are rated and ranked, resulting in a final project list in late November. The proposed list is approved by the Public Works Board in January-February of the following year, resulting in project loan contracts being executed in the spring.

Growth Management impacts

None

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2023-25 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
04R-1	Drinking Water Asst.-State	50,000,000				50,000,000
	Total	50,000,000	0	0	0	50,000,000

303 - Department of Health
Capital Project Request

2023-25 Biennium

*

Version: L2 DOH 25 Supplemental Capital Request

Report Number: CBS002

Date Run: 9/19/2024 1:47PM

Project Number: 40000087

Project Title: Supplemental Repayment Spending Authority

Funding

	Future Fiscal Periods			
	2025-27	2027-29	2029-31	2031-33
04R-1 Drinking Water Asst.-State				
Total	0	0	0	0

Operating Impacts

No Operating Impact

Capital Project Request

2023-25 Biennium

*

<u>Parameter</u>	<u>Entered As</u>	<u>Interpreted As</u>
Biennium	2023-25	2023-25
Agency	303	303
Version	L2-A	L2-A
Project Classification	*	All Project Classifications
Capital Project Number	40000087	40000087
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	N	N
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

TAB F -Direct Pay Form

Purpose: To collect a list of capital project request that may qualify for direct pay. Please refer to Section 1.7 of the OFM Capital Budget Instructions for more information. If you have questions about these instructions or capital project eligibility, contact your assigned OFM budget advisor.

Agency Name: Washington State Department of Health, Public Health Laboratories

Budget (Capital, Transportation, Operating)	Program/Sub program Name	Item/Project #	Project Title	Eligible for Direct Pay (Yes/No)	Identify Portion Eligible	Amount of Eligible Portion	Tax Credit Category (select option)	Planned Completion Date	Notes
Capital	OHS/PHL	30000379	South Laboratory Addt'n	Yes	Electric Car Charging Stations	\$156,900	Alternative Fuel Vehicle Refueling Property Credit (30C)	Aug-26	May include more charging stations than originally planned.
Capital	OHS/PHL	30000379	South Laboratory Addt'n	Yes	Solar Panels	\$46,200	Production Tax Credit for Electricity from Renewables (45)	Aug-26	
Capital	OHS/PHL	30000075	PHL Solar Panel Installations	Yes	Solar Panels	\$5,592,000 - 25-27, \$6,291,000 - 27-29	Production Tax Credit for Electricity from Renewables (45)	6/30/2027	2nd phase will be completed 6/30/2029