



STATE OF WASHINGTON  
DEPARTMENT OF HEALTH

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September 13, 2021

David Schumacher, Director  
Office of Financial Management  
Post Office Box 43113  
Olympia, Washington 98504-3113

RE: Department of Health 2022 Supplemental Capital Budget Submittal

Dear David:

I have enclosed the 2022 supplemental capital budget submission for the Department of Health (DOH). This request encompasses priorities for our public health system with improvements to the state's Public Health Laboratories in Shoreline and continued funding authorization for our Drinking Water State Revolving Fund program.

Public Health Laboratories

The Public Health Laboratories provides diagnostic and analytical services for the assessment and surveillance of infectious, communicable, genetic, and chronic diseases, and environmental health concerns. This infrastructure has been critical in our public health response to COVID-19 and other diseases. In order to continue to move forward with the necessary support for our state, there has to be continued investment in our state's Public Health Laboratories.

In 2010, the department completed its 20-year Master Plan for the Shoreline campus. This was a two-year process and encompassed long-rang planning involving community leaders, sister agencies, local government, and public health leaders from across the country.

The improvements proposed in this budget are based on the master plan and continues a phased approach to achieving the 20-year vision for the campus. The final build-out includes public health laboratories that are current on technology, offering a safe environment for employees and the community, and enough space to meet projected program needs for the next 20 years.

Drinking Water State Revolving Fund (DWSRF)

Capital improvements to our public water systems are critical to the long-term health and economic vitality of Washington's communities. Washington receives approximately \$24 million of the Congressional Drinking Water State Revolving Fund appropriation each year. Loans from this revolving fund range in size from \$50,000 to \$12 million. This supplemental budget request reflects additional necessary capital appropriations for DOH to administer the program, including state match for the federal Environmental Protection Agency (EPA) award.

David Schumacher, Director  
September 13, 2021  
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Preconstruction loans (PCL) help water systems that do not currently qualify for DWSRF construction loans, to complete preconstruction activities necessary prior to constructing any needed infrastructure. These loans support disadvantaged communities as they address public health risks in the provision of safe and reliable drinking water. This supplemental budget requests the necessary appropriations to address the growing demand for PCL over the next four years.

We are confident this capital budget will allow the Department of Health to continue to serve and protect the health of people of Washington State.

Sincerely,

Umair A. Shah, MD, MPH  
Secretary of Health

Enclosure

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

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## **TAB A Ten-Year Plan Summary Information**

**303 - Department of Health  
Ten Year Capital Plan by Project Class  
2021-23 Biennium**

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Version: C2 DOH 2022 Supplemental

Report Number: CBS001  
Date Run: 9/13/2021 1:00PM

**Project Class: Preservation**

| Agency<br>Priority         | Project by Account-EA Type  | Estimated<br>Total | Prior<br>Expenditures | Current<br>Expenditures | Reapprop<br>2021-23 | New<br>Approp<br>2021-23 | Estimated<br>2023-25 | Estimated<br>2025-27 | Estimated<br>2027-29 | Estimated<br>2029-31 |
|----------------------------|---|--------------------|-----------------------|-------------------------|---------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|
| 3                          | <b>40000054 New LED lighting and controls in existing laboratory spaces</b> |                    |                       |                         |                     |                          |                      |                      |                      |                      |
|                            | 057-1 State Bldg  | 1,053,000          |                       |                         |                     | 1,053,000                |                      |                      |                      |                      |
|                            | Constr-State  |                    |                       |                         |                     |                          |                      |                      |                      |                      |
| 4                          | <b>40000056 Uninterrupted Power Supply (UPS) for Public Health Labs</b>     |                    |                       |                         |                     |                          |                      |                      |                      |                      |
|                            | 057-1 State Bldg  | 3,638,000          |                       |                         |                     | 3,638,000                |                      |                      |                      |                      |
|                            | Constr-State  |                    |                       |                         |                     |                          |                      |                      |                      |                      |
| 5                          | <b>40000057 Safety &amp; Security Site Improvements for PHL Grounds</b>     |                    |                       |                         |                     |                          |                      |                      |                      |                      |
|                            | 057-1 State Bldg  | 431,000            |                       |                         |                     | 431,000                  |                      |                      |                      |                      |
|                            | Constr-State  |                    |                       |                         |                     |                          |                      |                      |                      |                      |
| <b>Total: Preservation</b> |   | <b>5,122,000</b>   |                       |                         |                     | <b>5,122,000</b>         |                      |                      |                      |                      |

**Project Class: Program**

| Agency<br>Priority    | Project by Account-EA Type   | Estimated<br>Total | Prior<br>Expenditures | Current<br>Expenditures | Reapprop<br>2021-23 | New<br>Approp<br>2021-23 | Estimated<br>2023-25 | Estimated<br>2025-27 | Estimated<br>2027-29 | Estimated<br>2029-31 |
|-----------------------|--|--------------------|-----------------------|-------------------------|---------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|
| 1                     | <b>40000053 Generator for New Central Boiler Plant</b>                 |                    |                       |                         |                     |                          |                      |                      |                      |                      |
|                       | 057-1 State Bldg   | 1,837,000          |                       |                         |                     | 1,837,000                |                      |                      |                      |                      |
|                       | Constr-State   |                    |                       |                         |                     |                          |                      |                      |                      |                      |
| 2                     | <b>40000055 Public Health Lab Solar Installation on Existing Roofs</b> |                    |                       |                         |                     |                          |                      |                      |                      |                      |
|                       | 057-1 State Bldg   | 3,870,000          |                       |                         |                     | 3,870,000                |                      |                      |                      |                      |
|                       | Constr-State   |                    |                       |                         |                     |                          |                      |                      |                      |                      |
| <b>Total: Program</b> |  | <b>5,707,000</b>   |                       |                         |                     | <b>5,707,000</b>         |                      |                      |                      |                      |

**Project Class: Grant**

| Agency<br>Priority | Project by Account-EA Type | Estimated<br>Total | Prior<br>Expenditures | Current<br>Expenditures | Reapprop<br>2021-23 | New<br>Approp<br>2021-23 | Estimated<br>2023-25 | Estimated<br>2025-27 | Estimated<br>2027-29 | Estimated<br>2029-31 |
|--------------------|----------------------------|--------------------|-----------------------|-------------------------|---------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|
|--------------------|----------------------------|--------------------|-----------------------|-------------------------|---------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|

**303 - Department of Health  
Ten Year Capital Plan by Project Class  
2021-23 Biennium**

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS001  
Date Run: 9/13/2021 1:00PM

**Project Class: Grant**

| Agency<br>Priority  | Project by Account-EA Type                            | Estimated<br>Total | Prior<br>Expenditures | Current<br>Expenditures | Reapprop<br>2021-23 | New<br>Approp<br>2021-23 | Estimated<br>2023-25 | Estimated<br>2025-27 | Estimated<br>2027-29 | Estimated<br>2029-31 |
|---------------------|---|--------------------|-----------------------|-------------------------|---------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|
| 1                   | <b>40000058 Improve Critical Water Infrastructure</b> |                    |                       |                         |                     |                          |                      |                      |                      |                      |
|                     | 04R-1 Drinking Water<br>Asst.-State                   | 90,000,000         |                       |                         |                     | 20,000,000               | 70,000,000           |                      |                      |                      |
| 1                   | <b>40000059 Increase DWSRF Preconstruction Loans</b>  |                    |                       |                         |                     |                          |                      |                      |                      |                      |
|                     | 04R-1 Drinking Water<br>Asst.-State                   | 6,000,000          |                       |                         |                     | 400,000                  | 5,600,000            |                      |                      |                      |
| <b>Total: Grant</b> |   | <b>96,000,000</b>  |                       |                         |                     | <b>20,400,000</b>        | <b>75,600,000</b>    |                      |                      |                      |

**Total Account Summary**

| Account-Expenditure Authority Type | Estimated<br>Total | Prior<br>Expenditures | Current<br>Expenditures | Reapprop<br>2021-23 | New<br>Approp<br>2021-23 | Estimated<br>2023-25 | Estimated<br>2025-27 | Estimated<br>2027-29 | Estimated<br>2029-31 |
|------------------------------------|--------------------|-----------------------|-------------------------|---------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|
| 04R-1 Drinking Water Asst.-State   | 96,000,000         |                       |                         |                     | 20,400,000               | 75,600,000           |                      |                      |                      |
| 057-1 State Bldg Constr-State      | 10,829,000         |                       |                         |                     | 10,829,000               |                      |                      |                      |                      |
| <b>Total</b>                       | <b>106,829,000</b> |                       |                         |                     | <b>31,229,000</b>        | <b>75,600,000</b>    |                      |                      |                      |

### Ten Year Capital Plan by Project Class

\*

**Report Number:** CBS001  
**Date Run:** 9/13/2021 1:00PM

| <u>Parameter</u>       | <u>Entered As</u> | <u>Interpreted As</u>       |
|------------------------|-------------------|-----------------------------|
| Biennium               | 2021-23           | 2021-23                     |
| Functional Area        | *                 | All Functional Areas        |
| Agency                 | 303               | 303                         |
| Version                | C2-A              | C2-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                |



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

November 10, 2015

Mr. Terry Williams  
Public Health Laboratories  
Department of Health  
1610 NE 150<sup>th</sup> Street  
Shoreline, Washington 98155-9701

RE: Public Health Laboratories Master Plan Project  
Log No: 111015-18-DOE

Dear Mr. Williams:

Thank you for contacting our department pursuant to Executive Order 05-05. We have reviewed the information you provided for the proposed Public Health Laboratories Master Plan Project, Shoreline, King County, Washington.

We concur with your determination the proposed project will have no effect upon cultural properties based upon current project plan. If your plans change please contact us for a revised review.

We would appreciate receiving any correspondence or comments from concerned tribes or other parties that you receive.

In the event that archaeological or historic materials are discovered during project activities, work in the immediate vicinity must stop, the area secured, and the concerned tribe's cultural staff and cultural committee and this department notified.

These comments are based on the information available at the time of this review and on behalf of the State Historic Preservation Officer in compliance with Executive Order 05-05. Should additional information become available, our assessment may be revised, including information regarding historic properties that have not yet been identified. Thank you for the opportunity to comment and a copy of these comments should be included in subsequent environmental documents.

Sincerely,

Robert G. Whitlam, Ph.D.  
State Archaeologist  
(360) 890-2615  
email: [rob.whitlam@dahp.wa.gov](mailto:rob.whitlam@dahp.wa.gov)







| Building System / Component  | Project   | Priority | Funding Type |         | FY19-21        | FY21-23           | FY23-25        | FY25-27          | FY27-29        | FY29-31        | Total             | Average          |
|------------------------------|---|----------|--------------|---------|----------------|-------------------|----------------|------------------|----------------|----------------|-------------------|------------------|
|                              |   |          | Operating    | Capital |                |                   |                |                  |                |                |                   |                  |
| Painting                     | Painting  | 2        | X            |         | 85,000         | 85,000            | 85,000         | 85,000           | 85,000         | 89,250         | 514,250           | 102,850          |
| Floors                       | Replace Sheet Vinyl Flooring                      | 1,2      | X            |         | 20,000         | 20,000            | 100,000        | 5,000            | 5,000          | 5,250          | 155,250           | 31,050           |
|                              | Replace Existing Quarry Tile                      | 1,2      | X            |         |                | 250,000           |                |                  |                |                | 250,000           | 250,000          |
|                              | Carpet, Vinyl, Tile Repair & Maintenance          | 1,2      | X            |         | 25,000         | 26,250            | 27,563         | 28,941           | 30,388         | 31,907         | 170,048           | 34,010           |
| Ceiling                      | Acoustical Ceiling Tile                           | 1,2      | X            |         | 5,000          | 5,250             | 15,000         | 5,500            | 5,775          | 6,064          | 42,589            | 8,518            |
| Security                     | Card Key System, Proximity Cards                  | 1        | X            |         | 45,000         | 5,000             | 5,000          | 50,000           | 5,000          | 5,250          | 115,250           | 23,050           |
|                              | Hard key replacement                              | 1        | X            |         | 15,000         |                   |                | 15,000           |                |                | 30,000            | 15,000           |
|                              | Fencing/Gates/Barricades                          | 1,2      | X            |         | 50,000         |                   |                |                  |                |                | 50,000            | 10,000           |
|                              | Window Film/Tint                                  | 1,2      | X            |         | 100,000        |                   |                |                  |                |                | 100,000           | 20,000           |
|                              | Cameras   | 1,2      | X            |         | 50,000         |                   |                |                  |                |                | 50,000            | 10,000           |
|                              | Mechanical door replacements (Main hallway/wings) | 1,2      | X            |         | 70,000         |                   |                |                  |                |                | 70,000            | 14,000           |
|                              | Additional Security Officers                      | 1,2      | X            |         | 60,000         |                   |                |                  |                |                | 60,000            | 12,000           |
| Electrical                   | Metering panels and Electrical Survey             | 1,2      |              |         |                |                   |                |                  |                |                | 0                 | 0                |
|                              | Electrical System Repairs & Lighting              | 1        | X            |         | 120,000        | 40,000            | 12,500         | 37,500           | 40,000         | 42,000         | 292,000           | 58,400           |
|                              | Systems Testing                                   | 2        | X            |         | 46,000         |                   | 46,000         |                  |                |                | 92,000            | 18,400           |
| Plumbing                     | Systems Testing & Repairs                         | 3        | X            |         | 5,000          | 5,000             | 5,000          | 5,000            | 5,000          | 5,250          | 30,250            | 6,050            |
|                              | Replace Deionized Water System                    | 4        | X            |         |                | 100,000           |                |                  |                |                | 100,000           | 20,000           |
|                              | Reinsulate Piping                                 | 5        | X            |         |                |                   |                |                  |                |                | 0                 | 0                |
|                              | Install New Boilers (Central Boiler Plant)        | 1        |              | X       |                | 12,775,000        |                |                  |                |                | 12,775,000        | 2,555,000        |
| Fire Suppression             | Fire Sprinkler Maintenance & Testing              | 1        | X            |         |                |                   |                |                  |                |                | 0                 | 0                |
| Communications               | Upgrade & Removed Abandoned Cable                 | 3        | X            |         | 14,500         | 15,363            | 16,354         | 17,495           | 17,495         | 18,370         | 99,577            | 19,915           |
| <b>Mechanical Systems</b>    |   |          |              |         |                |                   |                |                  |                |                |                   |                  |
| Pumps                        | Miscellaneous Repairs                             | 1,2      | X            |         | 25,000         | 25,000            | 25,000         | 30,000           | 30,000         | 31,500         | 166,500           | 33,300           |
| Ancillaries                  | Miscellaneous Repairs & Maintenance               | 1,3      | X            |         | 75,000         | 75,000            | 75,000         | 75,000           | 75,000         | 78,750         | 453,750           | 90,750           |
| Chemical                     | Water Treatment                                   | 1,2,3    | X            |         | 10,000         | 10,000            | 10,000         | 10,000           | 10,000         | 10,500         | 60,500            | 12,100           |
| Controls                     | Newborn Screening Retrofit                        | 2        |              |         |                |                   |                |                  |                |                |                   |                  |
| <b>Miscellaneous Systems</b> |   |          |              |         |                |                   |                |                  |                |                |                   |                  |
| Life Safety Systems          | Public Address Systems (Active Shooter Alarms)    | 1        |              | X       |                | 320,000           |                |                  |                |                | 320,000           | 64,000           |
| <b>Wing recommissioning</b>  |   |          |              |         |                |                   |                |                  |                |                |                   |                  |
|                              | Re-Balancing                                      | 1,2,3    | X            |         | 175,000        |                   |                |                  |                |                | 175,000           | 35,000           |
| Subtotal Operating:          |   |          |              |         | 818,931        | 1,221,649         | 592,417        | 717,259          | 509,617        | 493,160        | 4,353,033         | 870,607          |
| Subtotal Capital:            |   |          |              |         | 0              | 13,095,000        | 0              | 550,000          | 310,000        | 0              | 13,955,000        | 2,791,000        |
|                              |   |          |              |         |                |                   |                |                  |                |                | 0                 | 0                |
| <b>Total:</b>                |   |          |              |         | <b>818,931</b> | <b>14,316,649</b> | <b>592,417</b> | <b>1,267,259</b> | <b>819,617</b> | <b>493,160</b> | <b>18,308,033</b> | <b>3,661,607</b> |

## **Maintenance Backlog Reduction Plan**

The Public Health Laboratories (PHL) facility is located on the Department of Social and Health Services (DSHS) Fircrest campus in Shoreline. The building consists of approximately 80,000 gross square feet of office and laboratory space. The department is responsible to manage 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. They are subject to normal wear and tear and need minor repairs.
- 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 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 lawn and irrigation system requires annual maintenance. The irrigation system requires regular maintenance every three to four years to ensure efficient water 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. The main sewer line was replaced during the 13-15 biennium. Maintenance/repair budget will be required for future biennium forecasts.
- Electrical – Part of the 19-21 biennium.
- Central Boiler Plant – Design and 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 scheduled for the 21-23 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.

- Nitrogen Generation – A new nitrogen generator was installed during the 15-17 biennium.

## **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 and 15-17 Bienniums. 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 25-27 biennium.
- Windows – Exterior windows at PHL are reaching the end of their expected life and are scheduled for replacement during the 15-17 biennium. Windows will be replaced as they fail and replaced 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 receive normal wear and tear.
- Security - The laboratories current key card systems were upgraded to meet strict security requirements during the 19-21 biennium. A new digital security camera system was installed in 13-15 biennium. Additional cameras are in the current 21-23 biennium capital budget request.
- Electrical – system repairs and lighting – The electrical system will require system repairs, periodic testing and maintenance due to normal wear and tear during the 21-23 biennium.
- Plumbing – system testing and repairs - deionized water system - Is being replaced in 19-21 biennium to meet the laboratories needs and requirements for testing.
- 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. Much of this work will be done in the 21-23 biennium is the New Central Boiler plant is funded.
- 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 – 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 is planned for the 21-23 biennium. The current system does not reach all areas of the lab and is at capacity.
- Computer System – Computer unit and system upgrades are required due to normal wear and tear.

### **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 work place 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, 5<sup>th</sup> 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) Budget;
  - 2) Resources and protection of people/environment;
  - 3) Protection of assets;
  - 4) Program need or requirement; and

#### 5) 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.

## **TAB B Capital Project Request – Preservation Projects**

# 303 - Department of Health Capital Project Request

2021-23 Biennium

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Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:42PM

Project Number: 40000054

Project Title: New LED lighting and controls in existing laboratory spaces

## Description

Starting Fiscal Year: 2023

Project Class: Preservation

Agency Priority: 3

### Project Summary

This project will replace the existing fluorescent lighting in the environmental, microbiology, operations, and mechanical wing with new LED lighting. Updating the lighting to LED will also include lighting controls, such as occupancy and daylighting sensors. Installation of the new lighting will help the Public Health Laboratory (PHL) to be more sustainable by using less electricity in an already high electrical use building, along with other energy saving projects help the PHL meet the Washington Clean Buildings Act and EO 18-01, and provide for a cleaner environment by not having to dispose of mercury filled fluorescent tubes.

### Project Description

**1. What is the problem/opportunity? Identify: priority, underserved people/communities, operating budget savings, public safety improvements & clarifying details. Preservation projects: include information about the current condition of the facility/system.**

This is an opportunity for the PHL to continue to make the laboratory as energy efficient as possible. The lights themselves are more energy efficient thus less expensive to operate. Maintenance on the lights are minimal and they have a life expectancy of over 6 times that of fluorescent. Adding lighting controls save additional energy by turning off lights when sufficient daylight is available or when the space is unoccupied. Lower maintenance cost combined with approximately 50% in lower operating costs within a 55,000 sq.ft. building will be substantial.

This request is a priority because The Department of Health (DOH) is working towards making the PHL as energy efficient as possible along with meeting the Washington Clean Buildings Act and EO 18-01. To this point in time the PHL has replaced the E-wing and C-wing air handling units (AHU) with new, more energy efficient models, installed chilled beams for cooling, reducing the size of the AHUs needed, installed LED lighting and controls in the new additions, and upgraded the building controls and have them on a monitoring system so that they can be tweaked for efficiency. With completion of the new Ground Source Heat Pump boiler plant the fluorescent lighting is the outstanding electrical system that still needs to be upgraded to a more energy efficient, less costly system. While it may not be possible for the laboratory to get to zero net energy, the PHL is working hard to get as close to zero net energy (ZNE) as possible.

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

The request will replace the existing fluorescent lighting in the PHL with new LED lighting and lighting controls. The lighting fixtures will fit into the existing ceiling grid and hook up to the existing lighting circuits. The project will be designed and constructed during the 21-23 biennium. The project can be phased by doing a single lab space at a time in each ongoing biennium. This request however is for changing all the lights during the 21-23 biennium so that the PHL can take advantage of the energy savings now instead of waiting. See attached C -100 and cost estimate in CBS for costs.

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

The request would enable the PHL to continue its effort in reducing energy costs. Changing the lights and adding the lighting controls will reduce electricity costs, reduce maintenance work of changing bulbs and ballasts, and create better lighting for the laboratorians to do their work.

If the project is not done the laboratory will lose an opportunity to save energy and operating costs, create better lighting for staff, and make it harder to meet the Washington Clean Buildings Act and the Governor's EO 18-01 for sustainable energy

**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.** No other alternatives were explored. LED lighting is the most energy efficient lighting on the market. LED lighting is also more sustainable due to the lack of mercury in the bulbs and has reduced maintenance costs for continued lighting

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



303 - Department of Health  
 Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:42PM

Project Number: 40000054

Project Title: New LED lighting and controls in existing laboratory spaces

**Description**

communities served, etc.

No DOH clientele will be impacted by this request, however, staff will enjoy better lighting longer and with less maintenance interruptions, the PHL will be able to reduce its energy costs, and the PHL will not be adding mercury to the environment.

**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 of documentation.**

The project will be funded through State Capital Funds. No federal or other sources of funding are available for this project

**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.**

DOH is working toward complying with State energy goals as set forth through the Washington Clean Buildings Act and the Governor's EO 18-01 Executive order. The DOH strategic plan is committed to improving the health of Washingtonians through the environment and other means. By making DOH buildings, especially the PHL, as energy efficient as possible shows our commitment to that goal.

**8. Does this project include IT-related costs, including hardware, software, cloud based services, contracts, or staff? If yes, attach IT Addendum.**

This project does not have any IT-related costs.

**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 12, Puget Sound Recovery in the 2021-23 Operating Budget Instructions.**

This project is not linked to the PSAA.

**10. How does the project contribute to statewide goals to reduce carbon pollution and/or improve energy efficiency? Please elaborate.**

This project contributes to statewide goals of reducing energy consumption in all state buildings. Changing all lighting to LED and adding lighting controls will reduce energy use and costs as well as reduce environmental impacts from mercury filled lighting disposal. While it will not make the lab a ZNE building it will significantly lower energy, energy costs, and lighting maintenance.

**11. How does this project impact equity in the state? Which communities are impacted by this proposal? Include both demographic and geographic communities. How are disparities I communities impacted ?**

Communities of color and communities of low economic standing are typically subjected to more environmental impacts than other communities. DOH has in its strategic plan a roadmap of health for all communities in the state. This is just another way of reducing the environmental impact of the PHL, which in turn helps disenfranchised communities.

**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**

Infrastructure (Major Projects)

**Growth Management impacts**

No Growth Management Impacts

**Funding**

| Acct Code | Account Title           | Estimated Total  | Expenditures   |                  | 2021-23 Fiscal Period |                  |
|-----------|-------------------------|------------------|----------------|------------------|-----------------------|------------------|
|           |                         |                  | Prior Biennium | Current Biennium | Reappropr             | New Appropr      |
| 057-1     | State Bldg Constr-State | 1,053,000        |                |                  |                       | 1,053,000        |
|           | <b>Total</b>            | <b>1,053,000</b> | <b>0</b>       | <b>0</b>         | <b>0</b>              | <b>1,053,000</b> |

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:42PM

Project Number: 40000054

Project Title: New LED lighting and controls in existing laboratory spaces

**Funding**

|       |                         | Future Fiscal Periods |          |          |          |
|-------|-------------------------|-----------------------|----------|----------|----------|
|       |                         | 2023-25               | 2025-27  | 2027-29  | 2029-31  |
| 057-1 | State Bldg Constr-State |                       |          |          |          |
|       | <b>Total</b>            | <b>0</b>              | <b>0</b> | <b>0</b> | <b>0</b> |

**Schedule and Statistics**

|                     | <u>Start Date</u> | <u>End Date</u> |
|---------------------|-------------------|-----------------|
| <b>Predesign</b>    |                   |                 |
| <b>Design</b>       | 7/1/2022          | 10/1/2022       |
| <b>Construction</b> | 11/1/2022         | 7/1/2023        |

|                                  | <b>Total</b>              |
|----------------------------------|---------------------------|
| Gross Square Feet:               | 43,410                    |
| Usable Square Feet:              | 38,000                    |
| Efficiency:                      | 87.5%                     |
| Escalated MACC Cost per Sq. Ft.: | 17                        |
| Construction Type:               | Other Schedule A Projects |
| Is this a remodel?               | Yes                       |
| A/E Fee Class:                   | A                         |
| A/E Fee Percentage:              | 14.94%                    |

**Cost Summary**

|  | <u>Escalated Cost</u> | <u>% of Project</u> |
|--|-----------------------|---------------------|
| <b>Acquisition Costs Total</b>                   | <b>0</b>              | <b>0.0%</b>         |
| <b>Consultant Services</b>                       |                       |                     |
| Pre-Schematic Design Services                    | 0                     | 0.0%                |
| Construction Documents                           | 84,259                | 8.0%                |
| Extra Services                                   | 0                     | 0.0%                |
| Other Services                                   | 38,527                | 3.7%                |
| Design Services Contingency                      | 12,428                | 1.2%                |
| <b>Consultant Services Total</b>                 | <b>135,213</b>        | <b>12.8%</b>        |
| <b>Maximum Allowable Construction Cost(MACC)</b> | <b>756,237</b>        |                     |
| Site work  | 0                     | 0.0%                |
| Related Project Costs                            | 0                     | 0.0%                |
| Facility Construction                            | 756,237               | 71.8%               |
| GCCM Risk Contingency                            | 0                     | 0.0%                |
| GCCM or Design Build Costs                       | 0                     | 0.0%                |
| Construction Contingencies                       | 75,624                | 7.2%                |
| Non Taxable Items                                | 0                     | 0.0%                |

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:42PM

Project Number: 40000054

Project Title: New LED lighting and controls in existing laboratory spaces

**Cost Summary**

|  | <u>Escalated Cost</u>   | <u>% of Project</u> |
|--|-------------------------|---------------------|
| <b>Construction Contracts</b>              |                         |                     |
| Sales Tax                                  | 85,681                  | 8.1%                |
| <b>Construction Contracts Total</b>        | <u>917,542</u>          | <u>87.2%</u>        |
| <b>Equipment</b>                           |                         |                     |
| Equipment                                  | 0                       | 0.0%                |
| Non Taxable Items                          | 0                       | 0.0%                |
| Sales Tax                                  | 0                       | 0.0%                |
| <b>Equipment Total</b>                     | <u>0</u>                | <u>0.0%</u>         |
| <b>Art Work Total</b>                      | <u>0</u>                | <u>0.0%</u>         |
| <b>Other Costs Total</b>                   | <u>0</u>                | <u>0.0%</u>         |
| <b>Project Management Total</b>            | <u>0</u>                | <u>0.0%</u>         |
| <b>Grand Total Escalated Costs</b>         | <u><u>1,052,755</u></u> |                     |
| <b>Rounded Grand Total Escalated Costs</b> | <b>1,053,000</b>        |                     |

**Operating Impacts**

No Operating Impact

**Narrative**

No additional FTEs required for this project

## Capital Project Request

2021-23 Biennium

\*

| <u>Parameter</u>       | <u>Entered As</u> | <u>Interpreted As</u>       |
|------------------------|-------------------|-----------------------------|
| Biennium               | 2021-23           | 2021-23                     |
| Agency                 | 303               | 303                         |
| Version                | C2-A              | C2-A                        |
| Project Classification | *                 | All Project Classifications |
| Capital Project Number | 40000054          | 40000054                    |
| 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                |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

*Updated June 2021*

|                    |   |
|--------------------|---|
| Agency             | Washington State Department of Health                       |
| Project Name       | New LED lighting and controls in existing laboratory spaces |
| OFM Project Number | 40000054  |

**Contact Information**

|              |  |
|--------------|--|
| Name         | Terry Williams   |
| Phone Number | 206-375-0025   |
| Email        | <a href="mailto:terry.williams@doh.wa.gov">terry.williams@doh.wa.gov</a> |

**Statistics**

|                    |                         |                                 |        |
|--------------------|-------------------------|---------------------------------|--------|
| Gross Square Feet  | 43,410                  | MACC per Square Foot            | \$17   |
| Usable Square Feet | 38,000                  | Escalated MACC per Square Foot  | \$17   |
| Space Efficiency   | 87.5%                   | A/E Fee Class                   | A      |
| Construction Type  | Laboratories (Research) | A/E Fee Percentage              | 14.94% |
| Remodel            | Yes                     | Projected Life of Asset (Years) | 40     |

**Additional Project Details**

|                                  |              |                                    |           |
|----------------------------------|--------------|------------------------------------|-----------|
| Alternative Public Works Project | No           | Art Requirement Applies            | No        |
| Inflation Rate                   | 3.28%        | Higher Ed Institution              | No        |
| <a href="#">Sales Tax Rate %</a> | 10.30%       | Location Used for Tax Rate         | Shoreline |
| Contingency Rate                 | 10%          |                                    |           |
| Base Month                       | September-21 | OFM UFI# (from FPMT, if available) | A04008    |
| Project Administered By          | DES          |                                    |           |

**Schedule**

|                       |             |                  |            |
|-----------------------|-------------|------------------|------------|
| Predesign Start       |             | Predesign End    |            |
| Design Start          | July-22     | Design End       | October-22 |
| Construction Start    | November-22 | Construction End | July-23    |
| Construction Duration | 8 Months    |                  |            |

Green cells must be filled in by user

**Project Cost Estimate**

|               |                    |                         |                    |
|---------------|--------------------|-------------------------|--------------------|
| Total Project | <b>\$1,004,430</b> | Total Project Escalated | <b>\$1,052,757</b> |
|               |                    | Rounded Escalated Total | <b>\$1,053,000</b> |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

*Updated June 2021*

|                    |   |  |
|--------------------|---|--|
| Agency             | Washington State Department of Health                       |  |
| Project Name       | New LED lighting and controls in existing laboratory spaces |  |
| OFM Project Number | 40000054  |  |

**Cost Estimate Summary**

| Acquisition          |     |                                |     |
|----------------------|-----|--------------------------------|-----|
| Acquisition Subtotal | \$0 | Acquisition Subtotal Escalated | \$0 |

| Consultant Services                 |                  |   |                  |
|-------------------------------------|------------------|---|------------------|
| Pre-design Services                 | \$0              |   |                  |
| A/E Basic Design Services           | \$81,701         |   |                  |
| Extra Services                      | \$0              |   |                  |
| Other Services                      | \$36,706         |   |                  |
| Design Services Contingency         | \$11,841         |   |                  |
| <b>Consultant Services Subtotal</b> | <b>\$130,248</b> | <b>Consultant Services Subtotal Escalated</b> | <b>\$135,214</b> |

| Construction                               |                  |  |                  |
|--|------------------|--|------------------|
| Construction Contingencies                 | \$72,050         | Construction Contingencies Escalated                 | \$75,624         |
| Maximum Allowable Construction Cost (MACC) | \$720,500        | Maximum Allowable Construction Cost (MACC) Escalated | \$756,237        |
| Sales Tax                                  | \$81,633         | Sales Tax Escalated                                  | \$85,682         |
| <b>Construction Subtotal</b>               | <b>\$874,183</b> | <b>Construction Subtotal Escalated</b>               | <b>\$917,543</b> |

| Equipment                 |            |                                     |            |
|---------------------------|------------|-------------------------------------|------------|
| Equipment                 | \$0        |                                     |            |
| Sales Tax                 | \$0        |                                     |            |
| Non-Taxable Items         | \$0        |                                     |            |
| <b>Equipment Subtotal</b> | <b>\$0</b> | <b>Equipment Subtotal Escalated</b> | <b>\$0</b> |

| Artwork                 |            |                                   |            |
|-------------------------|------------|-----------------------------------|------------|
| <b>Artwork Subtotal</b> | <b>\$0</b> | <b>Artwork Subtotal Escalated</b> | <b>\$0</b> |

| Agency Project Administration          |            |  |            |
|--|------------|--|------------|
| Agency Project Administration Subtotal | \$0        |  |            |
| DES Additional Services Subtotal       | \$0        |  |            |
| Other Project Admin Costs              | \$0        |  |            |
| <b>Project Administration Subtotal</b> | <b>\$0</b> | <b>Project Administration Subtotal Escalated</b> | <b>\$0</b> |

| Other Costs                 |            |                                       |            |
|-----------------------------|------------|---------------------------------------|------------|
| <b>Other Costs Subtotal</b> | <b>\$0</b> | <b>Other Costs Subtotal Escalated</b> | <b>\$0</b> |

| Project Cost Estimate |                    |                         |                    |
|-----------------------|--------------------|-------------------------|--------------------|
| Total Project         | <b>\$1,004,430</b> | Total Project Escalated | <b>\$1,052,757</b> |
|                       |                    | Rounded Escalated Total | <b>\$1,053,000</b> |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**  
*Updated June 2021*

|                    |   |  |
|--------------------|---|--|
| Agency             | Washington State Department of Health                       |  |
| Project Name       | New LED lighting and controls in existing laboratory spaces |  |
| OFM Project Number | 40000054  |  |
|                    |   |  |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

*Updated June 2021*

|                    |   |
|--------------------|---|
| Agency             | Washington State Department of Health                   |
| Project Name       | Uninterrupted Power Supply (UPS) for Public Health Labs |
| OFM Project Number | 40000056  |

**Contact Information**

|              |  |
|--------------|--|
| Name         | Terry Williams   |
| Phone Number | 206-375-0025   |
| Email        | <a href="mailto:terry.williams@doh.wa.gov">terry.williams@doh.wa.gov</a> |

**Statistics**

|                    |                         |                                 |        |
|--------------------|-------------------------|---------------------------------|--------|
| Gross Square Feet  | 80,843                  | MACC per Square Foot            | \$30   |
| Usable Square Feet | 59,823                  | Escalated MACC per Square Foot  | \$32   |
| Space Efficiency   | 74.0%                   | A/E Fee Class                   | A      |
| Construction Type  | Laboratories (Research) | A/E Fee Percentage              | 13.84% |
| Remodel            | Yes                     | Projected Life of Asset (Years) | 30     |

**Additional Project Details**

|                                  |              |                                    |           |
|----------------------------------|--------------|------------------------------------|-----------|
| Alternative Public Works Project | No           | Art Requirement Applies            | No        |
| Inflation Rate                   | 3.28%        | Higher Ed Institution              | No        |
| <a href="#">Sales Tax Rate %</a> | 10.30%       | Location Used for Tax Rate         | Shoreline |
| Contingency Rate                 | 10%          |                                    |           |
| Base Month                       | September-21 | OFM UFI# (from FPMT, if available) | A04008    |
| Project Administered By          | DES          |                                    |           |

**Schedule**

|                       |            |                  |            |
|-----------------------|------------|------------------|------------|
| Predesign Start       |            | Predesign End    |            |
| Design Start          | July-22    | Design End       | January-23 |
| Construction Start    | January-23 | Construction End | July-24    |
| Construction Duration | 18 Months  |                  |            |

Green cells must be filled in by user

**Project Cost Estimate**

|               |                    |                         |                    |
|---------------|--------------------|-------------------------|--------------------|
| Total Project | <b>\$3,410,372</b> | Total Project Escalated | <b>\$3,638,107</b> |
|               |                    | Rounded Escalated Total | <b>\$3,638,000</b> |



**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

*Updated June 2021*

|                    |   |  |
|--------------------|---|--|
| Agency             | Washington State Department of Health                   |  |
| Project Name       | Uninterrupted Power Supply (UPS) for Public Health Labs |  |
| OFM Project Number | 40000056  |  |

**Cost Estimate Summary**

| Acquisition                 |            |                                       |            |
|-----------------------------|------------|---------------------------------------|------------|
| <b>Acquisition Subtotal</b> | <b>\$0</b> | <b>Acquisition Subtotal Escalated</b> | <b>\$0</b> |

| Consultant Services                 |                  |   |                  |
|-------------------------------------|------------------|---|------------------|
| Pre-design Services                 | \$0              |   |                  |
| A/E Basic Design Services           | \$257,362        |   |                  |
| Extra Services                      | \$25,000         |   |                  |
| Other Services                      | \$115,626        |   |                  |
| Design Services Contingency         | \$39,799         |   |                  |
| <b>Consultant Services Subtotal</b> | <b>\$437,787</b> | <b>Consultant Services Subtotal Escalated</b> | <b>\$458,630</b> |

| Construction                               |                    |  |                    |
|--|--------------------|--|--------------------|
| Construction Contingencies                 | \$245,000          | Construction Contingencies Escalated                 | \$262,052          |
| Maximum Allowable Construction Cost (MACC) | \$2,450,000        | Maximum Allowable Construction Cost (MACC) Escalated | \$2,620,520        |
| Sales Tax                                  | \$277,585          | Sales Tax Escalated                                  | \$296,905          |
| <b>Construction Subtotal</b>               | <b>\$2,972,585</b> | <b>Construction Subtotal Escalated</b>               | <b>\$3,179,477</b> |

| Equipment                 |            |                                     |            |
|---------------------------|------------|-------------------------------------|------------|
| Equipment                 | \$0        |                                     |            |
| Sales Tax                 | \$0        |                                     |            |
| Non-Taxable Items         | \$0        |                                     |            |
| <b>Equipment Subtotal</b> | <b>\$0</b> | <b>Equipment Subtotal Escalated</b> | <b>\$0</b> |

| Artwork                 |            |                                   |            |
|-------------------------|------------|-----------------------------------|------------|
| <b>Artwork Subtotal</b> | <b>\$0</b> | <b>Artwork Subtotal Escalated</b> | <b>\$0</b> |

| Agency Project Administration          |            |  |            |
|--|------------|--|------------|
| Agency Project Administration Subtotal | \$0        |  |            |
| DES Additional Services Subtotal       | \$0        |  |            |
| Other Project Admin Costs              | \$0        |  |            |
| <b>Project Administration Subtotal</b> | <b>\$0</b> | <b>Project Administration Subtotal Escalated</b> | <b>\$0</b> |

| Other Costs                 |            |                                       |            |
|-----------------------------|------------|---------------------------------------|------------|
| <b>Other Costs Subtotal</b> | <b>\$0</b> | <b>Other Costs Subtotal Escalated</b> | <b>\$0</b> |

| Project Cost Estimate |                    |                         |                    |
|-----------------------|--------------------|-------------------------|--------------------|
| Total Project         | <b>\$3,410,372</b> | Total Project Escalated | <b>\$3,638,107</b> |
|                       |                    | Rounded Escalated Total | <b>\$3,638,000</b> |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**  
*Updated June 2021*

|                    |   |  |
|--------------------|---|--|
| Agency             | Washington State Department of Health                   |  |
| Project Name       | Uninterrupted Power Supply (UPS) for Public Health Labs |  |
| OFM Project Number | 40000056  |  |
|                    |   |  |

# 303 - Department of Health Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:45PM

Project Number: 40000056

Project Title: Uninterrupted Power Supply (UPS) for Public Health Labs

## Description

Starting Fiscal Year: 2023

Project Class: Preservation

Agency Priority: 4

### Project Summary

This project will provide new Uninterrupted Power Supply (UPS) to each laboratory wing at the Public Health Laboratories. During the past winter utility power would turn off and on intermittently with the down time not lasting long enough to start the electrical generator but the power interruptions would require the equipment runs to be restarted. The solution is to install a new UPS for each wing instead of each piece of equipment having their own.

### Project Description

**1. What is the problem/opportunity? Identify: priority, underserved people/communities, operating budget savings, public safety improvements & clarifying details. Preservation projects: include information about the current condition of the facility/system.**

The problem is that during the winter months the electricity can flicker or go out for 3 to 5 seconds while it takes the existing generator approximately 10 seconds to reach full power. This lapse can cause the lab's sensitive equipment to shut down, invalidating the current run and causing staff to start another run. It has also caused some -80° freezers to quit working. Currently some of the most critical pieces of equipment, like the mass spectrometers, have an individual UPS. It would not be practical to install an individual UPS at every piece of equipment as there isn't space to set the UPSs at each location or the ability to connect that many different UPSs to the electrical system.

This request was generated and became a priority due to the shutdowns that occur in the BSL3 when the electrical grid fluctuates. When equipment in other areas started to have problems it became a lab wide priority.

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

This request will install a new wing wide UPS in the penthouse of each laboratory wing. The project would be constructed during the last year of the current biennium and possibly into the early part of the next biennium due to the long lead times of construction materials due to the pandemic.

This project could be broken down into phases by doing a wing wide UPS in each of the next 5 biennia. This request is for installing all of the UPSs at one time.

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

The request would enable the PHL to continue power in each wing when power goes down for a few seconds or until the existing generator comes on board. This would keep the sensitive instruments from failing on their runs and keep equipment like super low temperature freezers from burning up their circuits.

If the project is not done the existing lab equipment will be subject to the severity of the weather and the electrical grid. The grid has more of a chance to flicker than to go dead during the winter and that is what causes the chaos.

**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.**

The other alternative that was looked at was a whole building UPS. This alternative wasn't selected because it would be very large and would take a building addition to install. The smaller UPS for each wing would be located in each wing's mechanical penthouses. That would also put them closer to the electrical equipment that they would need to connect with.

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

No DOH clientele will be impacted by this request.

**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 of documentation.**

The project will be funded through State Capital Funds. No federal or other sources of funding are available for this project

303 - Department of Health  
Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:45PM

Project Number: 40000056

Project Title: Uninterrupted Power Supply (UPS) for Public Health Labs

**Description**

- 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.  
The UPSs would improve PHL efficiency in times of power grid fluctuations as the laboratory equipment would not lose power when the generator fails to start with short power outages.
- 8. Does this project include IT-related costs, including hardware, software, cloud based services, contracts, or staff? If yes, attach IT Addendum.  
This project does not have any IT-related costs.
- 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 12, Puget Sound Recovery in the 2021-23 Operating Budget Instructions.  
This project is not linked to the PSAA.
- 10. How does the project contribute to statewide goals to reduce carbon pollution and/or improve energy efficiency? Please elaborate.  
This project does not contribute to statewide goals to reduce carbon pollution, but it does keep the PHL operating at full capacity from an efficiency and a safety point of view.
- 11. How does this project impact equity in the state? Which communities are impacted by this proposal? Include both demographic and geographic communities. How are disparities in communities impacted?  
This project does not affect or impact any demographic or geographic communities within the state.
- 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**

Infrastructure (Major Projects)

**Growth Management impacts**

No Growth Management Impacts

**Funding**

| Acct Code             | Account Title           | Estimated Total  | Expenditures   |                  | 2021-23 Fiscal Period |                  |
|-----------------------|-------------------------|------------------|----------------|------------------|-----------------------|------------------|
|                       |                         |                  | Prior Biennium | Current Biennium | Reapprops             | New Approps      |
| 057-1                 | State Bldg Constr-State | 3,638,000        |                |                  |                       | 3,638,000        |
|                       | <b>Total</b>            | <b>3,638,000</b> | <b>0</b>       | <b>0</b>         | <b>0</b>              | <b>3,638,000</b> |
| Future Fiscal Periods |                         |                  |                |                  |                       |                  |
|                       |                         | <u>2023-25</u>   | <u>2025-27</u> | <u>2027-29</u>   | <u>2029-31</u>        |                  |
| 057-1                 | State Bldg Constr-State |                  |                |                  |                       |                  |
|                       | <b>Total</b>            | <b>0</b>         | <b>0</b>       | <b>0</b>         | <b>0</b>              |                  |

**Schedule and Statistics**

Start Date      End Date

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

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Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:45PM

Project Number: 40000056

Project Title: Uninterrupted Power Supply (UPS) for Public Health Labs

**Schedule and Statistics**

|                     | <u>Start Date</u> | <u>End Date</u> |
|---------------------|-------------------|-----------------|
| <b>Predesign</b>    |                   |                 |
| <b>Design</b>       | 7/1/2022          | 1/1/2023        |
| <b>Construction</b> | 1/1/2023          | 7/1/2024        |

|                                  | <u>Total</u>              |
|----------------------------------|---------------------------|
| Gross Square Feet:               | 80,843                    |
| Usable Square Feet:              | 59,823                    |
| Efficiency:                      | 74.0%                     |
| Escalated MACC Cost per Sq. Ft.: | 32                        |
| Construction Type:               | Other Schedule A Projects |
| Is this a remodel?               | Yes                       |
| A/E Fee Class:                   | A                         |
| A/E Fee Percentage:              | 13.84%                    |

**Cost Summary**

|  | <u>Escalated Cost</u> | <u>% of Project</u> |
|--|-----------------------|---------------------|
| <b>Acquisition Costs Total</b>                   | <b>0</b>              | <b>0.0%</b>         |
| <b>Consultant Services</b>                       |                       |                     |
| Pre-Schematic Design Services                    | 0                     | 0.0%                |
| Construction Documents                           | 266,499               | 7.3%                |
| Extra Services                                   | 25,888                | 0.7%                |
| Other Services                                   | 123,674               | 3.4%                |
| Design Services Contingency                      | 42,569                | 1.2%                |
| <b>Consultant Services Total</b>                 | <b>458,629</b>        | <b>12.6%</b>        |
| <b>Maximum Allowable Construction Cost(MACC)</b> | <b>2,620,521</b>      |                     |
| Site work  | 0                     | 0.0%                |
| Related Project Costs                            | 0                     | 0.0%                |
| Facility Construction                            | 2,620,521             | 72.0%               |
| GCCM Risk Contingency                            | 0                     | 0.0%                |
| GCCM or Design Build Costs                       | 0                     | 0.0%                |
| Construction Contingencies                       | 262,052               | 7.2%                |
| Non Taxable Items                                | 0                     | 0.0%                |
| Sales Tax  | 296,905               | 8.2%                |
| <b>Construction Contracts Total</b>              | <b>3,179,477</b>      | <b>87.4%</b>        |
| <b>Equipment</b>                                 |                       |                     |
| Equipment  | 0                     | 0.0%                |
| Non Taxable Items                                | 0                     | 0.0%                |
| Sales Tax  | 0                     | 0.0%                |

303 - Department of Health  
Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:45PM

Project Number: 40000056

Project Title: Uninterrupted Power Supply (UPS) for Public Health Labs

**Cost Summary**

|                                     | <u>Escalated Cost</u> | <u>% of Project</u> |
|-------------------------------------|-----------------------|---------------------|
| Equipment Total                     | 0                     | 0.0%                |
| Art Work Total                      | 0                     | 0.0%                |
| Other Costs Total                   | 0                     | 0.0%                |
| Project Management Total            | 0                     | 0.0%                |
| Grand Total Escalated Costs         | <u>3,638,106</u>      |                     |
| Rounded Grand Total Escalated Costs | 3,638,000             |                     |

**Operating Impacts**

No Operating Impact

**Narrative**

No additional FTEs required for this project

**Capital Project Request**

**2021-23 Biennium**

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| <b><u>Parameter</u></b> | <b><u>Entered As</u></b> | <b><u>Interpreted As</u></b> |
|-------------------------|--------------------------|------------------------------|
| Biennium                | 2021-23                  | 2021-23                      |
| Agency                  | 303                      | 303                          |
| Version                 | C2-A                     | C2-A                         |
| Project Classification  | *                        | All Project Classifications  |
| Capital Project Number  | 40000056                 | 40000056                     |
| 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                 |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

*Updated June 2021*

|                    |   |
|--------------------|---|
| Agency             | Washington State Department of Health             |
| Project Name       | Safety/Security Site improvements for PHL Grounds |
| OFM Project Number | 40000057  |

**Contact Information**

|              |  |
|--------------|--|
| Name         | Terry Williams   |
| Phone Number | 206-375-0025   |
| Email        | <a href="mailto:terry.williams@doh.wa.gov">terry.williams@doh.wa.gov</a> |

**Statistics**

|                    |                       |                                 |        |
|--------------------|-----------------------|---------------------------------|--------|
| Gross Square Feet  | 548,856               | MACC per Square Foot            | \$1    |
| Usable Square Feet | 438,356               | Escalated MACC per Square Foot  | \$1    |
| Space Efficiency   | 79.9%                 | A/E Fee Class                   | C      |
| Construction Type  | Other Sch. C Projects | A/E Fee Percentage              | 12.74% |
| Remodel            | Yes                   | Projected Life of Asset (Years) | 20     |

**Additional Project Details**

|                                  |              |                                    |           |
|----------------------------------|--------------|------------------------------------|-----------|
| Alternative Public Works Project | No           | Art Requirement Applies            | No        |
| Inflation Rate                   | 3.28%        | Higher Ed Institution              | No        |
| <a href="#">Sales Tax Rate %</a> | 10.30%       | Location Used for Tax Rate         | Shoreline |
| Contingency Rate                 | 10%          |                                    |           |
| Base Month                       | September-21 | OFM UFI# (from FPMT, if available) | A04008    |
| Project Administered By          | DES          |                                    |           |

**Schedule**

|                       |            |                  |            |
|-----------------------|------------|------------------|------------|
| Predesign Start       |            | Predesign End    |            |
| Design Start          | July-22    | Design End       | October-22 |
| Construction Start    | October-22 | Construction End | July-23    |
| Construction Duration | 9 Months   |                  |            |

Green cells must be filled in by user

**Project Cost Estimate**

|               |                  |                         |                  |
|---------------|------------------|-------------------------|------------------|
| Total Project | <b>\$415,736</b> | Total Project Escalated | <b>\$430,994</b> |
|               |                  | Rounded Escalated Total | <b>\$431,000</b> |



**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

*Updated June 2021*

|                    |   |  |
|--------------------|---|--|
| Agency             | Washington State Department of Health             |  |
| Project Name       | Safety/Security Site improvements for PHL Grounds |  |
| OFM Project Number | 40000057  |  |

**Cost Estimate Summary**

| Acquisition          |     |                                |     |
|----------------------|-----|--------------------------------|-----|
| Acquisition Subtotal | \$0 | Acquisition Subtotal Escalated | \$0 |

| Consultant Services                 |                 |   |                 |
|-------------------------------------|-----------------|---|-----------------|
| Pre-design Services                 | \$0             |   |                 |
| A/E Basic Design Services           | \$29,009        |   |                 |
| Extra Services                      | \$5,000         |   |                 |
| Other Services                      | \$13,033        |   |                 |
| Design Services Contingency         | \$4,704         |   |                 |
| <b>Consultant Services Subtotal</b> | <b>\$51,746</b> | <b>Consultant Services Subtotal Escalated</b> | <b>\$53,665</b> |

| Construction                               |                  |  |                  |
|--|------------------|--|------------------|
| Construction Contingencies                 | \$30,000         | Construction Contingencies Escalated                 | \$31,443         |
| Maximum Allowable Construction Cost (MACC) | \$300,000        | Maximum Allowable Construction Cost (MACC) Escalated | \$310,650        |
| Sales Tax                                  | \$33,990         | Sales Tax Escalated                                  | \$35,236         |
| <b>Construction Subtotal</b>               | <b>\$363,990</b> | <b>Construction Subtotal Escalated</b>               | <b>\$377,329</b> |

| Equipment                 |            |                                     |            |
|---------------------------|------------|-------------------------------------|------------|
| Equipment                 | \$0        |                                     |            |
| Sales Tax                 | \$0        |                                     |            |
| Non-Taxable Items         | \$0        |                                     |            |
| <b>Equipment Subtotal</b> | <b>\$0</b> | <b>Equipment Subtotal Escalated</b> | <b>\$0</b> |

| Artwork                 |            |                                   |            |
|-------------------------|------------|-----------------------------------|------------|
| <b>Artwork Subtotal</b> | <b>\$0</b> | <b>Artwork Subtotal Escalated</b> | <b>\$0</b> |

| Agency Project Administration          |            |  |            |
|--|------------|--|------------|
| Agency Project Administration Subtotal | \$0        |  |            |
| DES Additional Services Subtotal       | \$0        |  |            |
| Other Project Admin Costs              | \$0        |  |            |
| <b>Project Administration Subtotal</b> | <b>\$0</b> | <b>Project Administration Subtotal Escalated</b> | <b>\$0</b> |

| Other Costs                 |            |                                       |            |
|-----------------------------|------------|---------------------------------------|------------|
| <b>Other Costs Subtotal</b> | <b>\$0</b> | <b>Other Costs Subtotal Escalated</b> | <b>\$0</b> |

| Project Cost Estimate |                  |                         |                  |
|-----------------------|------------------|-------------------------|------------------|
| Total Project         | <b>\$415,736</b> | Total Project Escalated | <b>\$430,994</b> |
|                       |                  | Rounded Escalated Total | <b>\$431,000</b> |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**  
*Updated June 2021*

|                    |   |  |
|--------------------|---|--|
| Agency             | Washington State Department of Health             |  |
| Project Name       | Safety/Security Site improvements for PHL Grounds |  |
| OFM Project Number | 40000057  |  |
|                    |   |  |

# 303 - Department of Health Capital Project Request

2021-23 Biennium

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Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:51PM

Project Number: 4000057

Project Title: Safety &amp; Security Site Improvements for PHL Grounds

## Description

Starting Fiscal Year: 2023

Project Class: Preservation

Agency Priority: 5

### Project Summary

This project will provide fencing on the property for security. Sidewalk installation, repair, and replacement for staff safety. It will also provide raised crosswalks at roadways from the main Public Health Laboratories (PHL) building to the EpiCenter and staff parking lots.

### Project Description

**1. What is the problem/opportunity? Identify: priority, underserved people/communities, operating budget savings, public safety improvements & clarifying details. Preservation projects: include information about the current condition of the facility/system.**

This project is an opportunity to secure the PHL site and improve safety for the PHL staff. This project would construct fences around the DOH property on the Fircrest Campus as well as construct fencing in some key locations by the PHL building to provide more security for the PHL. The project will also include adding sidewalks around parking areas so that staff does not have to walk in the driving lanes of the current parking lot, repair sidewalks that have been raised and broken by tree roots, and replace areas that can not be repaired. This project would also provide raised crosswalks from the main PHL building to the parking areas and the EpiCenter building.

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

This project would construct fencing around the DOH property and at key locations between building wings and other strategic locations. Over the past few years, the PHL has had several incidents with people roaming the PHL campus on foot and in cars harassing staff. The fencing around the property would not block walking paths or roadways but could support gates if the situation worsens. The open areas between the wings would also be fenced off from the public. Sidewalk and crosswalk improvements will increase staff safety. Raised crosswalks to the Epicenter and the parking areas will slow traffic passing through to the Fircrest campus and stop traffic for pedestrians.

This project would be completed during FY 2022.

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

The project would secure the site and provide safety as the staff and community move through the site.

**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.**

No other alternatives was considered.

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

No DOH clientele will be impacted by this request.

**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 of documentation.**

The project will be funded through State Capital Funds. No federal or other sources of funding are available for this project

**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.**

The project supports the strategic plan by making PHL staff feel secure and safe. It helps make DOH a preferred employer.

**8. Does this project include IT-related costs, including hardware, software, cloud based services, contracts, or staff? If yes, attach IT Addendum.**

This project does not have any IT-related costs.

**9. If the project is linked to the Puget Sound Action Agenda, describe the impacts on the Action Agenda, including**

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:51PM

Project Number: 4000057

Project Title: Safety & Security Site Improvements for PHL Grounds

**Description**

expenditure and FTE detail. See Chapter 12, Puget Sound Recovery in the 2021-23 Operating Budget Instructions.

This project is not linked to the PSAA.

10. How does the project contribute to statewide goals to reduce carbon pollution and/or improve energy efficiency? Please elaborate.

This project does not contribute to statewide goals to reduce carbon pollution.

11. How does this project impact equity in the state? Which communities are impacted by this proposal? Include both demographic and geographic communities. How are disparities in communities impacted ?

This project does not affect or impact any demographic or geographic communities within the state.

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**

Health, Safety and Code Requirements (Minor Works)

**Growth Management impacts**

No Growth Management Impacts

**Funding**

| Acct Code                    | Account Title           | Estimated Total | Expenditures   |                  | 2021-23 Fiscal Period |                    |
|------------------------------|-------------------------|-----------------|----------------|------------------|-----------------------|--------------------|
|                              |                         |                 | Prior Biennium | Current Biennium | Reappropriations      | New Appropriations |
| 057-1                        | State Bldg Constr-State | 431,000         |                |                  |                       | 431,000            |
|                              | <b>Total</b>            | <b>431,000</b>  | <b>0</b>       | <b>0</b>         | <b>0</b>              | <b>431,000</b>     |
| <b>Future Fiscal Periods</b> |                         |                 |                |                  |                       |                    |
|                              |                         | <u>2023-25</u>  | <u>2025-27</u> | <u>2027-29</u>   | <u>2029-31</u>        |                    |
| 057-1                        | State Bldg Constr-State |                 |                |                  |                       |                    |
|                              | <b>Total</b>            | <b>0</b>        | <b>0</b>       | <b>0</b>         | <b>0</b>              |                    |

**Schedule and Statistics**

Start Date                      End Date

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:51PM

Project Number: 4000057

Project Title: Safety & Security Site Improvements for PHL Grounds

**Schedule and Statistics**

|              | <u>Start Date</u> | <u>End Date</u> |
|--------------|-------------------|-----------------|
| Pre-design   |                   |                 |
| Design       | 7/1/2022          | 10/1/2022       |
| Construction | 10/1/2022         | 7/1/2023        |

|                                  | <u>Total</u>              |
|----------------------------------|---------------------------|
| Gross Square Feet:               | 548,856                   |
| Usable Square Feet:              | 438,356                   |
| Efficiency:                      | 79.9%                     |
| Escalated MACC Cost per Sq. Ft.: | 1                         |
| Construction Type:               | Other Schedule C Projects |
| Is this a remodel?               | Yes                       |
| A/E Fee Class:                   | C                         |
| A/E Fee Percentage:              | 12.74%                    |

**Cost Summary**

|  | <u>Escalated Cost</u> | <u>% of Project</u> |
|--|-----------------------|---------------------|
| <b>Acquisition Costs Total</b>                   | <b>0</b>              | <b>0.0%</b>         |
| <b>Consultant Services</b>                       |                       |                     |
| Pre-Schematic Design Services                    | 0                     | 0.0%                |
| Construction Documents                           | 29,917                | 6.9%                |
| Extra Services                                   | 5,157                 | 1.2%                |
| Other Services                                   | 13,660                | 3.2%                |
| Design Services Contingency                      | 4,930                 | 1.1%                |
| <b>Consultant Services Total</b>                 | <b>53,664</b>         | <b>12.5%</b>        |
| <b>Maximum Allowable Construction Cost(MACC)</b> | <b>310,650</b>        |                     |
| Site work  | 310,650               | 72.1%               |
| Related Project Costs                            | 0                     | 0.0%                |
| Facility Construction                            | 0                     | 0.0%                |
| GCCM Risk Contingency                            | 0                     | 0.0%                |
| GCCM or Design Build Costs                       | 0                     | 0.0%                |
| Construction Contingencies                       | 31,443                | 7.3%                |
| Non Taxable Items                                | 0                     | 0.0%                |
| Sales Tax  | 35,236                | 8.2%                |
| <b>Construction Contracts Total</b>              | <b>377,329</b>        | <b>87.6%</b>        |
| <b>Equipment</b>                                 |                       |                     |
| Equipment  | 0                     | 0.0%                |
| Non Taxable Items                                | 0                     | 0.0%                |
| Sales Tax  | 0                     | 0.0%                |

303 - Department of Health  
Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 2:51PM

Project Number: 40000057

Project Title: Safety & Security Site Improvements for PHL Grounds

**Cost Summary**

|                                     | <u>Escalated Cost</u> | <u>% of Project</u> |
|-------------------------------------|-----------------------|---------------------|
| Equipment Total                     | 0                     | 0.0%                |
| Art Work Total                      | 0                     | 0.0%                |
| Other Costs Total                   | 0                     | 0.0%                |
| Project Management Total            | 0                     | 0.0%                |
| Grand Total Escalated Costs         | <u>430,993</u>        |                     |
| Rounded Grand Total Escalated Costs | 431,000               |                     |

**Operating Impacts**

No Operating Impact

**Narrative**

No additional FTEs required for this project

**Capital Project Request**

**2021-23 Biennium**

\*

| <b><u>Parameter</u></b> | <b><u>Entered As</u></b> | <b><u>Interpreted As</u></b> |
|-------------------------|--------------------------|------------------------------|
| Biennium                | 2021-23                  | 2021-23                      |
| Agency                  | 303                      | 303                          |
| Version                 | C2-A                     | C2-A                         |
| Project Classification  | *                        | All Project Classifications  |
| Capital Project Number  | 40000057                 | 40000057                     |
| 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 C Capital Project Request – Programmatic Projects**



# 303 - Department of Health Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:04PM

Project Number: 4000053

Project Title: Generator for New Central Boiler Plant

## Description

Starting Fiscal Year: 2023

Project Class: Program

Agency Priority: 1

### Project Summary

This project will provide a new emergency generator specifically for the New Central Boiler Plant that is being designed and constructed during the current 21-23 biennium. The current generator located at the Public Health Labs (PHL) will run the whole lab for a week. This includes all lab equipment, lighting, and exhaust hoods. The current generator is not large enough to run the central boiler plant and all lab equipment, lighting, and exhaust hoods. Certain areas in the laboratory would be required to shut down during power outages so that the generator could continue to provide power for heating and autoclaves.

### Project Description

**1. What is the problem/opportunity? Identify: priority, underserved people/communities, operating budget savings, public safety improvements & clarifying details. Preservation projects: include information about the current condition of the facility/system.**

This project will provide a new emergency generator specifically for the New Central Boiler plant that is being designed and constructed during the current 21-23 biennium. The problem is that the existing PHL generator is not large enough to run the laboratory and the new Central Boiler Plant. The current generator can run the current PHL facility for a week without additional fuel. The addition of the central boiler plant added to the current generator is too large of a load and certain laboratories would need to be shut down if the new central boiler plant is added to the current emergency system.

This request is a priority because currently the PHL can continue to operate all laboratories during power outages and during extended power outages staff and possibly the community can use the PHL as a place of refuge. The additional generator will allow all areas of the PHL to continue to run during times when the electrical grid is down and keep the Central Boiler Plant running to provide heat for staff and all sterilization equipment running.

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

This request will construct a new generator capable of providing power to the new central boiler plant during times of electrical grid shutdown. The project would be constructed in conjunction with the new central boiler plant project and have the same timeline of completion. The project would be constructed during the last year of the current biennium or possibly into the early part of the next biennium due to the long lead times of construction materials due to the pandemic.

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

The request would enable the PHL to continue power all the laboratories and power the central boiler plant during times of power grid shutdown.

If the project is not done the central boiler plant will need to be connected to the existing generator. This will mean that certain labs will not be able to operate, and only highly critical portions of the central boiler plant will continue running during times of power grid shutdown.

**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.**

The only other alternative is connecting critical portions of the new boiler plant to the existing PHL generator. The decision to provide another generator just for the boiler plant will allow all sections of the PHL to continue to operate on the existing generator while the new generator will keep the boiler plant running to provide heat and power for the sterilization equipment. Providing the generator for the boiler plant will also allow the current generator to provide power for the new south laboratory addition. The two generators will also allow the PHL to be a place of refuge for staff and possibly the local community in times of extend power outages.

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

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:04PM

Project Number: 40000053

Project Title: Generator for New Central Boiler Plant

**Description**

No DOH clientele will be impacted by this request, however, staff would be able to continue their work during power outages and the PHL could be used as a place of refuge for staff and the local community during any extended power outages.

**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 of documentation.**

The project will be funded through State Capital Funds. No federal or other sources of funding are available for this project

**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.

The generator would improve PHL efficiency in times of power grid shutdown as the laboratory could continue its work during power grid shutdowns and continue working during extended shutdowns

**8. Does this project include IT-related costs, including hardware, software, cloud based services, contracts, or staff? If yes, attach IT Addendum.**

This project does not have any IT-related costs.

**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 12, Puget Sound Recovery in the 2021-23 Operating Budget Instructions.**

This project is not linked to the PSAA.

**10. How does the project contribute to statewide goals to reduce carbon pollution and/or improve energy efficiency? Please elaborate.**

This project does not contribute to statewide goals to reduce carbon pollution, but it does keep the PHL operating at full capacity from an efficiency and a safety point of view.

**11. How does this project impact equity in the state? Which communities are impacted by this proposal? Include both demographic and geographic communities. How are disparities I communities impacted ?**

Communities of color and communities of low economic standing are typically subjected to more environmental impacts than other communities. DOH has in its strategic plan a roadmap of health for all communities in the state. In times of extended power outages, the PHL could become a place of refuge 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**

Infrastructure (Major Projects)

**Growth Management impacts**

No growth management impacts

New Facility: Yes

**How does this fit in master plan**

This is infrastructure that is connected to the new central boiler plant

**Funding**

| Acct Code | Account Title           | Estimated Total  | Expenditures   |                  | 2021-23 Fiscal Period |                    |
|-----------|-------------------------|------------------|----------------|------------------|-----------------------|--------------------|
|           |                         |                  | Prior Biennium | Current Biennium | Reappropriations      | New Appropriations |
| 057-1     | State Bldg Constr-State | 1,837,000        |                |                  |                       | 1,837,000          |
|           | <b>Total</b>            | <b>1,837,000</b> | <b>0</b>       | <b>0</b>         | <b>0</b>              | <b>1,837,000</b>   |

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:04PM

Project Number: 40000053

Project Title: Generator for New Central Boiler Plant

**Funding**

|                               | Future Fiscal Periods |          |          |          |
|-------------------------------|-----------------------|----------|----------|----------|
|                               | 2023-25               | 2025-27  | 2027-29  | 2029-31  |
| 057-1 State Bldg Constr-State |                       |          |          |          |
| <b>Total</b>                  | <b>0</b>              | <b>0</b> | <b>0</b> | <b>0</b> |

**Schedule and Statistics**

|                                  | <u>Start Date</u>         | <u>End Date</u> |
|----------------------------------|---------------------------|-----------------|
| Predesign                        |                           |                 |
| Design                           | 7/1/2022                  | 12/1/2022       |
| Construction                     | 1/1/2023                  | 1/1/2024        |
|                                  | <b>Total</b>              |                 |
| Gross Square Feet:               | 1                         |                 |
| Usable Square Feet:              | 1                         |                 |
| Efficiency:                      | 100.0%                    |                 |
| Escalated MACC Cost per Sq. Ft.: | 1,415,307                 |                 |
| Construction Type:               | Other Schedule A Projects |                 |
| Is this a remodel?               | No                        |                 |
| A/E Fee Class:                   | A                         |                 |
| A/E Fee Percentage:              | 11.46%                    |                 |

**Cost Summary**

|  | <u>Escalated Cost</u> | <u>% of Project</u> |
|--|-----------------------|---------------------|
| <b>Acquisition Costs Total</b>                   | <b>0</b>              | <b>0.0%</b>         |
| <b>Consultant Services</b>                       |                       |                     |
| Pre-Schematic Design Services                    | 0                     | 0.0%                |
| Construction Documents                           | 114,751               | 6.3%                |
| Extra Services                                   | 20,682                | 1.1%                |
| Other Services                                   | 52,897                | 2.9%                |
| Design Services Contingency                      | 9,593                 | 0.5%                |
| <b>Consultant Services Total</b>                 | <b>197,922</b>        | <b>10.8%</b>        |
| <b>Maximum Allowable Construction Cost(MACC)</b> | <b>1,415,307</b>      |                     |
| Site work  | 167,040               | 9.1%                |
| Related Project Costs                            | 0                     | 0.0%                |
| Facility Construction                            | 1,248,267             | 67.9%               |
| GCCM Risk Contingency                            | 0                     | 0.0%                |
| GCCM or Design Build Costs                       | 0                     | 0.0%                |
| Construction Contingencies                       | 70,901                | 3.9%                |
| Non Taxable Items                                | 0                     | 0.0%                |

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:04PM

Project Number: 40000053

Project Title: Generator for New Central Boiler Plant

**Cost Summary**

|  | <u>Escalated Cost</u>   | <u>% of Project</u> |
|--|-------------------------|---------------------|
| <b>Construction Contracts</b>              |                         |                     |
| Sales Tax                                  | 153,079                 | 8.3%                |
| <b>Construction Contracts Total</b>        | <u>1,639,287</u>        | <u>89.2%</u>        |
| <b>Equipment</b>                           |                         |                     |
| Equipment                                  | 0                       | 0.0%                |
| Non Taxable Items                          | 0                       | 0.0%                |
| Sales Tax                                  | 0                       | 0.0%                |
| <b>Equipment Total</b>                     | <u>0</u>                | <u>0.0%</u>         |
| <b>Art Work Total</b>                      | <u>0</u>                | <u>0.0%</u>         |
| <b>Other Costs Total</b>                   | <u>0</u>                | <u>0.0%</u>         |
| <b>Project Management Total</b>            | <u>0</u>                | <u>0.0%</u>         |
| <b>Grand Total Escalated Costs</b>         | <u><u>1,837,209</u></u> |                     |
| <b>Rounded Grand Total Escalated Costs</b> | <b>1,837,000</b>        |                     |

**Operating Impacts**

No Operating Impact

**Narrative**

No additional FTEs are required for this project

**Capital Project Request**

**2021-23 Biennium**

\*

| <b><u>Parameter</u></b> | <b><u>Entered As</u></b> | <b><u>Interpreted As</u></b> |
|-------------------------|--------------------------|------------------------------|
| Biennium                | 2021-23                  | 2021-23                      |
| Agency                  | 303                      | 303                          |
| Version                 | C2-A                     | C2-A                         |
| Project Classification  | *                        | All Project Classifications  |
| Capital Project Number  | 40000053                 | 40000053                     |
| 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                 |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

*Updated June 2021*

|                    |  |
|--------------------|--|
| Agency             | Washington State Department of Health  |
| Project Name       | Generator for New Central Boiler Plant |
| OFM Project Number | 40000053                               |

**Contact Information**

|              |  |
|--------------|--|
| Name         | Terry Williams   |
| Phone Number | 206-375-0025   |
| Email        | <a href="mailto:terry.williams@doh.wa.gov">terry.williams@doh.wa.gov</a> |

**Statistics**

|                    |                        |                                 |             |
|--------------------|------------------------|---------------------------------|-------------|
| Gross Square Feet  | 1                      | MACC per Square Foot            | \$1,336,500 |
| Usable Square Feet | 1                      | Escalated MACC per Square Foot  | \$1,415,307 |
| Space Efficiency   | 100.0%                 | A/E Fee Class                   | A           |
| Construction Type  | Heating and power plan | A/E Fee Percentage              | 11.46%      |
| Remodel            | No                     | Projected Life of Asset (Years) | 30          |

**Additional Project Details**

|                                  |              |                                    |           |
|----------------------------------|--------------|------------------------------------|-----------|
| Alternative Public Works Project | No           | Art Requirement Applies            | No        |
| Inflation Rate                   | 3.28%        | Higher Ed Institution              | No        |
| <a href="#">Sales Tax Rate %</a> | 10.30%       | Location Used for Tax Rate         | Shoreline |
| Contingency Rate                 | 5%           |                                    |           |
| Base Month                       | September-21 | OFM UFI# (from FPMT, if available) | A04008    |
| Project Administered By          | DES          |                                    |           |

**Schedule**

|                       |            |                  |             |
|-----------------------|------------|------------------|-------------|
| Predesign Start       |            | Predesign End    |             |
| Design Start          | July-22    | Design End       | December-22 |
| Construction Start    | January-23 | Construction End | January-24  |
| Construction Duration | 12 Months  |                  |             |

Green cells must be filled in by user

**Project Cost Estimate**

|               |                    |                         |                    |
|---------------|--------------------|-------------------------|--------------------|
| Total Project | <b>\$1,737,730</b> | Total Project Escalated | <b>\$1,837,211</b> |
|               |                    | Rounded Escalated Total | <b>\$1,837,000</b> |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

*Updated June 2021*

|                    |  |  |
|--------------------|--|--|
| Agency             | Washington State Department of Health  |  |
| Project Name       | Generator for New Central Boiler Plant |  |
| OFM Project Number | 40000053                               |  |

**Cost Estimate Summary**

| Acquisition          |     |                                |     |
|----------------------|-----|--------------------------------|-----|
| Acquisition Subtotal | \$0 | Acquisition Subtotal Escalated | \$0 |

| Consultant Services                 |                  |   |                  |
|-------------------------------------|------------------|---|------------------|
| Pre-design Services                 | \$0              |   |                  |
| A/E Basic Design Services           | \$110,967        |   |                  |
| Extra Services                      | \$20,000         |   |                  |
| Other Services                      | \$49,855         |   |                  |
| Design Services Contingency         | \$9,041          |   |                  |
| <b>Consultant Services Subtotal</b> | <b>\$189,862</b> | <b>Consultant Services Subtotal Escalated</b> | <b>\$197,922</b> |

| Construction                               |                    |  |                    |
|--|--------------------|--|--------------------|
| Construction Contingencies                 | \$66,825           | Construction Contingencies Escalated                 | \$70,902           |
| Maximum Allowable Construction Cost (MACC) | \$1,336,500        | Maximum Allowable Construction Cost (MACC) Escalated | \$1,415,307        |
| Sales Tax                                  | \$144,542          | Sales Tax Escalated                                  | \$153,080          |
| <b>Construction Subtotal</b>               | <b>\$1,547,867</b> | <b>Construction Subtotal Escalated</b>               | <b>\$1,639,289</b> |

| Equipment                 |            |                                     |            |
|---------------------------|------------|-------------------------------------|------------|
| Equipment                 | \$0        |                                     |            |
| Sales Tax                 | \$0        |                                     |            |
| Non-Taxable Items         | \$0        |                                     |            |
| <b>Equipment Subtotal</b> | <b>\$0</b> | <b>Equipment Subtotal Escalated</b> | <b>\$0</b> |

| Artwork                 |            |                                   |            |
|-------------------------|------------|-----------------------------------|------------|
| <b>Artwork Subtotal</b> | <b>\$0</b> | <b>Artwork Subtotal Escalated</b> | <b>\$0</b> |

| Agency Project Administration          |            |  |            |
|--|------------|--|------------|
| Agency Project Administration Subtotal | \$0        |  |            |
| DES Additional Services Subtotal       | \$0        |  |            |
| Other Project Admin Costs              | \$0        |  |            |
| <b>Project Administration Subtotal</b> | <b>\$0</b> | <b>Project Administration Subtotal Escalated</b> | <b>\$0</b> |

| Other Costs                 |            |                                       |            |
|-----------------------------|------------|---------------------------------------|------------|
| <b>Other Costs Subtotal</b> | <b>\$0</b> | <b>Other Costs Subtotal Escalated</b> | <b>\$0</b> |

| Project Cost Estimate |                    |                         |                    |
|-----------------------|--------------------|-------------------------|--------------------|
| Total Project         | <b>\$1,737,730</b> | Total Project Escalated | <b>\$1,837,211</b> |
|                       |                    | Rounded Escalated Total | <b>\$1,837,000</b> |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**  
*Updated June 2021*

|                    |  |  |
|--------------------|--|--|
| Agency             | Washington State Department of Health  |  |
| Project Name       | Generator for New Central Boiler Plant |  |
| OFM Project Number | 40000053                               |  |
|                    |  |  |



# 303 - Department of Health Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:06PM

Project Number: 40000055

Project Title: Public Health Lab Solar Installation on Existing Roofs

## Description

Starting Fiscal Year: 2023

Project Class: Program

Agency Priority: 2

### Project Summary

The Public Health Laboratories (PHL) currently does not have any sustainable on-site power generation, such as a solar photovoltaic (PV) system. This project will provide an approximately 277 kW PV system on the existing PHL roofs to provide on-site power generation. It is also asking that the roofing be replaced over the original PHL building so that the PV system and roofing system will be on the same timeline. The project will help reduce the PHLs overall energy/electrical use, work in conjunction with the new 500 kW PV system on the south laboratory addition for lower energy costs, and push the PHL towards meeting the Washington Clean Buildings Act and the Governor's EO 18-01 executive order for agency buildings.

### Project Description

**1. What is the problem/opportunity? Identify: priority, underserved people/communities, operating budget savings, public safety improvements & clarifying details. Preservation projects: include information about the current condition of the facility/system.**

This is an opportunity for the PHL to continue to make the laboratory as energy efficient as possible. The Public Health Laboratories (PHL) currently does not have any sustainable on-site power generation, such as a solar photovoltaic (PV) system. This project will provide an approximately 277 kW PV system on the PHLs existing roofs to provide on-site power generation. The request is also asking for new roofing over the original PHL. The existing roof is 17 years old and waiting to replace it in 8 to 14 years would mean that the solar panels would need to be removed to replace the roof. Replacing them both in this request would put them on the same time line of approximately 25 to 30 years for replacement.

This request is a priority because The Department of Health (DOH) is working towards making the PHL as energy efficient as possible along with meeting the Washington Clean Buildings Act and EO 18-01. To this point in time the PHL has replaced the E-wing and C-wing air handling units (AHU) with new, more energy efficient models, installed chilled beams for cooling, reducing the size of the AHUs needed, installed LED lighting and controls in the new additions, and upgraded the building controls and have them on a monitoring system so that they can be tweaked for efficiency. With completion of the new Ground Source Heat Pump boiler plant the new PV system along with the new 500kW PV system planned for the south lab addition set to come on line in 23-25 would offset some of the cost for going all electric at the PHL. While it may not be possible for the laboratory to get to zero net energy, the PHL is working hard to get as close to zero net energy (ZNE) as possible.

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

This project will design and construct an approximately 277 kW PV system with fixed modules and install a new roof on the original PHL. The PV layout takes into consideration all wings except for the South Laboratory Addition (a 500kW PV system is being included in that project). The panels will be fixed at a 10° tilt, pointed south and ballasted. The new roof will encompass approximately 55,000 sq.ft. of what was the original building. The new wings that have been constructed recently are on the same time frame as the PV panels. The project will begin in 2022 with design. Construction will take 12 months after the design is complete. See cost estimate in CBS and attached C-100 included with this project. This project will not be phased.

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

Providing on-site power generation and working in conjunction with new the new Central Boiler Plant, the project will make the PHL very close to complying with EO 18-01 and the Washington Clean Buildings Act (HB1257). It will also move the PHL closer to its goal of being as close to ZNE as possible. Installing the roof now puts both projects on the same timeline with replacement of both in 25 to 30 years instead of 8 to 14 years and having to remove the PV array to accomplish the roof replacement.

The result of not taking action on this project will result in the PHL losing the opportunity to move in the direction of sustainable energy. The PHL currently doesn't have any site generation utilities on campus and delays in starting to meet EO18-01 and HB1257 will put the PHL at risk of meeting the future goals of the two energy reducing programs.

# 303 - Department of Health Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:06PM

Project Number: 4000055

Project Title: Public Health Lab Solar Installation on Existing Roofs

## Description

**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.**

The project looked initially at a 370 kW PV array based on assumed south laboratory addition alternatives that were considered before the pre-design for the South Laboratory Addition was started. The current existing roofs were only considered for the 277 kW PV system. Using roofs from current and future wings the array can still be an approximately 370 kW PV system with additional arrays added on the new roofs as they are built.

Not installing a new roof now was considered but the cost of taking down the PV system and then reinstalling in 8 to 14 years to replace the roof seemed to not be in line with good construction project management.

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

No DOH clientele will be impacted by this request, however, annual cost savings in electricity used by the PHL would benefit the citizens of the state of Washington. Also, the general public would see how the state is doing its part in reducing energy costs and making it buildings as sustainable as possible.

**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 of documentation.**

The project will be funded through State Capital Funds. No federal or other sources of funding are available for this project

**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.**

DOH is working toward complying with State energy goals as set forth through the Washington Clean Buildings Act and the Governor's EO 18-01 Executive order. The DOH strategic plan is committed to improving the health of Washingtonians through the environment and other means. By making DOH buildings, especially the PHL, as energy efficient as possible displays our commitment to that goal.

**8. Does this project include IT-related costs, including hardware, software, cloud based services, contracts, or staff? If yes, attach IT Addendum.**

This project does not have any IT-related costs.

**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 12, Puget Sound Recovery in the 2021-23 Operating Budget Instructions.**

This project is not linked to the PSAA.

**10. How does the project contribute to statewide goals to reduce carbon pollution and/or improve energy efficiency? Please elaborate.**

This project contributes to statewide goals of reducing energy consumption in all state buildings. Installing PV panels will reduce energy costs and working with the new central boiler plant will make the PHL virtually Greenhouse Gas free while enabling the PHL to come as close as it can to a zero net energy (ZNE) building While it will not make the lab a ZNE building it will lower energy costs, and stand as a testament how DOH is working to lower its carbon footprint.

**11. How does this project impact equity in the state? Which communities are impacted by this proposal? Include both demographic and geographic communities. How are disparities I communities impacted ?**

Communities of color and communities of low economic standing are typically subjected to more environmental impacts than other communities. DOH has in its strategic plan a roadmap of health for all communities in the state. This is just another way of reducing the environmental impact of the PHL, which in turn helps disenfranchised communities.

**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

Remodel/Renovate/Modernize (Major Projects)

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:06PM

Project Number: 4000055

Project Title: Public Health Lab Solar Installation on Existing Roofs

**Description**

**Growth Management impacts**

No growth management impacts

New Facility: No

**Funding**

| Acct Code | Account Title           | Estimated Total  | Expenditures   |                  | 2021-23 Fiscal Period |                    |
|-----------|-------------------------|------------------|----------------|------------------|-----------------------|--------------------|
|           |                         |                  | Prior Biennium | Current Biennium | Reappropriations      | New Appropriations |
| 057-1     | State Bldg Constr-State | 3,870,000        |                |                  |                       | 3,870,000          |
|           | <b>Total</b>            | <b>3,870,000</b> | <b>0</b>       | <b>0</b>         | <b>0</b>              | <b>3,870,000</b>   |

|       |                         | Future Fiscal Periods |          |          |          |
|-------|-------------------------|-----------------------|----------|----------|----------|
|       |                         | 2023-25               | 2025-27  | 2027-29  | 2029-31  |
| 057-1 | State Bldg Constr-State |                       |          |          |          |
|       | <b>Total</b>            | <b>0</b>              | <b>0</b> | <b>0</b> | <b>0</b> |

**Schedule and Statistics**

|              | Start Date | End Date |
|--------------|------------|----------|
| Pre-design   |            |          |
| Design       | 7/1/2022   | 2/1/2023 |
| Construction | 2/1/2023   | 2/1/2024 |

|                                  | Total                     |
|----------------------------------|---------------------------|
| Gross Square Feet:               | 64,485                    |
| Usable Square Feet:              | 64,485                    |
| Efficiency:                      | 100.0%                    |
| Escalated MACC Cost per Sq. Ft.: | 44                        |
| Construction Type:               | Other Schedule A Projects |
| Is this a remodel?               | Yes                       |
| A/E Fee Class:                   | A                         |
| A/E Fee Percentage:              | 13.76%                    |

**Cost Summary**

|                               | Escalated Cost | % of Project |
|-------------------------------|----------------|--------------|
| Acquisition Costs Total       | 0              | 0.0%         |
| Consultant Services           |                |              |
| Pre-Schematic Design Services | 0              | 0.0%         |
| Construction Documents        | 0              | 0.0%         |
| Extra Services                | 0              | 0.0%         |

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:06PM

Project Number: 4000055

Project Title: Public Health Lab Solar Installation on Existing Roofs

**Cost Summary**

|  | <u>Escalated Cost</u>       | <u>% of Project</u> |
|--|-----------------------------|---------------------|
| <b>Consultant Services</b>                           |                             |                     |
| Other Services                                       | 0                           | 0.0%                |
| Design Services Contingency                          | 42,538                      | 1.1%                |
| <b>Consultant Services Total</b>                     | <u>460,498</u>              | <u>11.9%</u>        |
| <br><b>Maximum Allowable Construction Cost(MACC)</b> | <br><b>2,810,399</b>        |                     |
| Site work  | 0                           | 0.0%                |
| Related Project Costs                                | 0                           | 0.0%                |
| Facility Construction                                | 2,810,399                   | 72.6%               |
| GCCM Risk Contingency                                | 0                           | 0.0%                |
| GCCM or Design Build Costs                           | 0                           | 0.0%                |
| Construction Contingencies                           | 281,040                     | 7.3%                |
| Non Taxable Items                                    | 0                           | 0.0%                |
| Sales Tax  | 318,418                     | 8.2%                |
| <b>Construction Contracts Total</b>                  | <u>3,409,856</u>            | <u>88.1%</u>        |
| <br><b>Equipment</b>                                 |                             |                     |
| Equipment  | 0                           | 0.0%                |
| Non Taxable Items                                    | 0                           | 0.0%                |
| Sales Tax  | 0                           | 0.0%                |
| <b>Equipment Total</b>                               | <u>0</u>                    | <u>0.0%</u>         |
| <br><b>Art Work Total</b>                            | <br><b>0</b>                | <br><b>0.0%</b>     |
| <br><b>Other Costs Total</b>                         | <br><b>0</b>                | <br><b>0.0%</b>     |
| <br><b>Project Management Total</b>                  | <br><b>0</b>                | <br><b>0.0%</b>     |
| <br><b>Grand Total Escalated Costs</b>               | <br><u><u>3,870,354</u></u> |                     |
| <br><b>Rounded Grand Total Escalated Costs</b>       | <br><b>3,870,000</b>        |                     |

**Operating Impacts**

No Operating Impact

**Narrative**

No additional FTE required for this project

## Capital Project Request

2021-23 Biennium

\*

| <u>Parameter</u>       | <u>Entered As</u> | <u>Interpreted As</u>       |
|------------------------|-------------------|-----------------------------|
| Biennium               | 2021-23           | 2021-23                     |
| Agency                 | 303               | 303                         |
| Version                | C2-A              | C2-A                        |
| Project Classification | *                 | All Project Classifications |
| Capital Project Number | 40000055          | 40000055                    |
| 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                |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

*Updated June 2021*

|                    |  |
|--------------------|--|
| Agency             | Washington State Department of Health                  |
| Project Name       | Public Health Lab Solar Installation on Existing Roofs |
| OFM Project Number | 40000055   |

**Contact Information**

|              |  |
|--------------|--|
| Name         | Terry Williams   |
| Phone Number | 206-375-0025   |
| Email        | <a href="mailto:terry.williams@doh.wa.gov">terry.williams@doh.wa.gov</a> |

**Statistics**

|                    |                         |                                 |        |
|--------------------|-------------------------|---------------------------------|--------|
| Gross Square Feet  | 64,485                  | MACC per Square Foot            | \$41   |
| Usable Square Feet | 64,485                  | Escalated MACC per Square Foot  | \$44   |
| Space Efficiency   | 100.0%                  | A/E Fee Class                   | A      |
| Construction Type  | Laboratories (Research) | A/E Fee Percentage              | 13.76% |
| Remodel            | Yes                     | Projected Life of Asset (Years) | 25     |

**Additional Project Details**

|                                  |              |                                    |           |
|----------------------------------|--------------|------------------------------------|-----------|
| Alternative Public Works Project | No           | Art Requirement Applies            | No        |
| Inflation Rate                   | 3.28%        | Higher Ed Institution              | No        |
| <a href="#">Sales Tax Rate %</a> | 10.30%       | Location Used for Tax Rate         | Shoreline |
| Contingency Rate                 | 10%          |                                    |           |
| Base Month                       | September-21 | OFM UFI# (from FPMT, if available) | A04008    |
| Project Administered By          | DES          |                                    |           |

**Schedule**

|                       |             |                  |             |
|-----------------------|-------------|------------------|-------------|
| Predesign Start       |             | Predesign End    |             |
| Design Start          | July-22     | Design End       | February-23 |
| Construction Start    | February-23 | Construction End | February-24 |
| Construction Duration | 12 Months   |                  |             |

Green cells must be filled in by user

**Project Cost Estimate**

|               |                    |                         |                    |
|---------------|--------------------|-------------------------|--------------------|
| Total Project | <b>\$3,644,869</b> | Total Project Escalated | <b>\$3,870,359</b> |
|               |                    | Rounded Escalated Total | <b>\$3,870,000</b> |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

*Updated June 2021*

|                    |  |  |
|--------------------|--|--|
| Agency             | Washington State Department of Health                  |  |
| Project Name       | Public Health Lab Solar Installation on Existing Roofs |  |
| OFM Project Number | 40000055   |  |

**Cost Estimate Summary**

| Acquisition          |     |                                |     |
|----------------------|-----|--------------------------------|-----|
| Acquisition Subtotal | \$0 | Acquisition Subtotal Escalated | \$0 |

| Consultant Services                 |                  |   |                  |
|-------------------------------------|------------------|---|------------------|
| Pre-design Services                 | \$0              |   |                  |
| A/E Basic Design Services           | \$275,884        |   |                  |
| Extra Services                      | \$0              |   |                  |
| Other Services                      | \$123,948        |   |                  |
| Design Services Contingency         | \$39,983         |   |                  |
| <b>Consultant Services Subtotal</b> | <b>\$439,816</b> | <b>Consultant Services Subtotal Escalated</b> | <b>\$460,501</b> |

| Construction                               |                    |  |                    |
|--|--------------------|--|--------------------|
| Construction Contingencies                 | \$264,160          | Construction Contingencies Escalated                 | \$281,040          |
| Maximum Allowable Construction Cost (MACC) | \$2,641,600        | Maximum Allowable Construction Cost (MACC) Escalated | \$2,810,399        |
| Sales Tax                                  | \$299,293          | Sales Tax Escalated                                  | \$318,419          |
| <b>Construction Subtotal</b>               | <b>\$3,205,053</b> | <b>Construction Subtotal Escalated</b>               | <b>\$3,409,858</b> |

| Equipment                 |            |                                     |            |
|---------------------------|------------|-------------------------------------|------------|
| Equipment                 | \$0        |                                     |            |
| Sales Tax                 | \$0        |                                     |            |
| Non-Taxable Items         | \$0        |                                     |            |
| <b>Equipment Subtotal</b> | <b>\$0</b> | <b>Equipment Subtotal Escalated</b> | <b>\$0</b> |

| Artwork                 |            |                                   |            |
|-------------------------|------------|-----------------------------------|------------|
| <b>Artwork Subtotal</b> | <b>\$0</b> | <b>Artwork Subtotal Escalated</b> | <b>\$0</b> |

| Agency Project Administration          |            |  |            |
|--|------------|--|------------|
| Agency Project Administration Subtotal | \$0        |  |            |
| DES Additional Services Subtotal       | \$0        |  |            |
| Other Project Admin Costs              | \$0        |  |            |
| <b>Project Administration Subtotal</b> | <b>\$0</b> | <b>Project Administration Subtotal Escalated</b> | <b>\$0</b> |

| Other Costs                 |            |                                       |            |
|-----------------------------|------------|---------------------------------------|------------|
| <b>Other Costs Subtotal</b> | <b>\$0</b> | <b>Other Costs Subtotal Escalated</b> | <b>\$0</b> |

| Project Cost Estimate |                    |                         |                    |
|-----------------------|--------------------|-------------------------|--------------------|
| Total Project         | <b>\$3,644,869</b> | Total Project Escalated | <b>\$3,870,359</b> |
|                       |                    | Rounded Escalated Total | <b>\$3,870,000</b> |

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**  
*Updated June 2021*

|                    |  |  |
|--------------------|--|--|
| Agency             | Washington State Department of Health                  |  |
| Project Name       | Public Health Lab Solar Installation on Existing Roofs |  |
| OFM Project Number | 40000055   |  |
|                    |  |  |



## **TAB D Capital Project Request – Grant Projects**

# 303 - Department of Health Capital Project Request

2021-23 Biennium

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Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:09PM

Project Number: 40000058

Project Title: Improve Critical Water Infrastructure

## Description

Starting Fiscal Year: 2022

Project Class: Grant

Agency Priority: 1

### Project Summary

The Department of Health, Office of Drinking Water (ODW) provides low interest infrastructure loans to public water systems that are aging and needed upgrades. These loans are funded through federal grants, a state match, and loan repayment revenue. As loans repayments are received, more funds become available to revolve back into the state's water system infrastructure. In order to address the significant demand, the Department of Health requests additional authority to use loan repayment revenue to increase the amount of new loans awarded over the next two biennia.

### Project Description

The drinking water state revolving fund (DWSRF) provides low interest construction loans to public water systems throughout the state. Eligible projects include those that address public health risks, resiliency, and upgrades to deteriorating infrastructure. These loans are available to all Group A community water systems, non-profit Group A non-communities, Group B water systems that become Group A systems through consolidation, and tribal water systems not receiving other DWSRF set-aside funding for the project. The Drinking Water Assistance Account (Fund 04R-1) fund has a balance of approximately \$85M. This account is a revolving fund that collects payments on past loans and issues new loans each year. As the fund has grown, the loan cycles the have increased from \$22M to \$50M. Each loan is capped at \$5M per project. With the fund balance growing, ODW is expected to increase future loan cycles to address the significant and unmet demand in Washington State. These low interest loans have a 1% loan origination fee and 1.75% standard interest rate with a 20-year loan term. Water systems serving disadvantaged communities and/or consolidation projects qualify for 1.25% interest rates, up to 50% loan forgiveness, and up to 30-year loan terms. This loan program ensures the critical infrastructure is constructed and upgraded in communities across the state. Loan applications are scored to ensure that our limited funding addresses the highest public health risks. This spending authority request will allow the program to increase loan cycles, fund additional and more expensive needed infrastructure projects, reduce the fund balance, and meet state and EPA expectations of funding critical water infrastructure in Washington state. Currently, ODW can typically fund between 22 and 25 projects that are capped at \$5 million each. Additional spending authority will add a few more projects and/or larger projects with a cap of \$8 million for each project. If additional spending authority is not approved, the state risks losing the federal grant money that helps support the drinking water program. The EPA expects the state to loan out the annual grant amount along with the state match and the loan repayments on the account while keeping the fund balance low. Due to an agreement between DOH and OFM to restrict loan cycles to the minimum grant and state match amounts, the programs' previous spending authority went underspent. In the 2017-19 biennium, the Drinking Water Assistance Account (Fund 04R-1) appropriation was \$55M. Approximately \$1.6M was spent after using the grant award and state match. An additional \$5M was spent in the 2019-21 biennium, leaving an appropriation balance of approximately \$48M at the biennial close. With the Drinking Water Assistance Account balance increasing, the program can increase the amount available for loan cycles. The 2020 loan cycle increased to \$55M and will need to continue to increase to keep the fund balance at a minimum. The program is now using a predictive model to help ensure that the fund can meet loan obligations and maintain a minimum fund balance of \$20M. The program projects future annual loan cycles of up to \$80M. This is a capital budget Decision Package. There are no FTEs or other operating expenditures. The proposal contributes to the Governor's Results Washington goal of Healthy and Safe Communities by funding infrastructure pre-design, pre-construction and construction activities to ensure safe and reliable drinking water to communities throughout the state. It also supports the goal of a Prosperous Economy by providing funding for large and small infrastructure construction projects throughout the state. The proposal meets the agency's strategic plan, including Outward Mindset and Funding foundational transformations. The DWSRF Loan program helps meet our agency needs by ensure safe and reliable drinking water and our partners utilities to construct necessary infrastructure to ensure they are providing safe and reliable drinking water. Our PCL and DWSRF loan programs help systems upgrade critical infrastructure while providing low interesting loans that smaller water system may not be able to access otherwise. Funding additional drinking water construction loans will positively increase the post COVID -19 economy by supporting additional construction projects throughout the state as well as working to ensure safe and reliable water supplies for all other types of

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:09PM

Project Number: 40000058

Project Title: Improve Critical Water Infrastructure

**Description**

economic development. This request will not directly impact other state agencies. City, county, and other quasi -government entities are eligible for these loans, along with tribal owned water systems. Tribal owned water systems are not eligible if the system is receiving other State Revolving Fund (SRF) set-aside funding for the project. Tribes may also receive SRF allocation of funds directly from the Environmental Protection Agency (EPA). If tribes choose to use EPA SRF allocation for a project they are not eligible for State DW SRF funding. DWSRF loans are supported by water system utilities owned by city and county governments along with other quasi -government entities include public utility districts, water and sewer districts, and homeowner associations. They are also supported by EPA as they have shown to be effective as a tool to help systems be successful at moving forward with construction when they are prepared to do so and keep state revolving fund money and associated federal capitalization be timely invested. Water systems statewide support more loans and larger loans provided by this request to increase appropriation. This request is supported by small and medium size water systems throughout the state that need additional resources to complete infrastructure improvements. Publicly owned, privately owned, and for -profit Group A community water systems and nonprofit non -community Group A water systems are all eligible for these loans. No legal or admirative mandates connected to this DP. No changes to current law. No impact on state workforce. No impacts to state facilities. No impact on Puget Sound recovery.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Department of Health

RCW that establishes grant: 70.119A.170

**Application process used**

DWL – Application process is as follows: 1) Applications are all received and reviewed all together. 2) Each applicant and project is evaluated to determine eligibility. 3) Each application is scored based on our ranking criteria. 4) We produce a list of eligible application in ranked order and determine which fall within our funds available. 4) Those eligible applications that fall within the eligible funding go through underwriting to determine if they have adequate water rates to pay back the loan 5) Eligible projects that pass underwriting proceed to scope of work negotiation. 6) Once the scope of work is agreed upon, the project proceeds to contracting.

**Growth Management impacts**

N/A

**Funding**

| Acct Code                    | Account Title              | Estimated Total   | Expenditures   |                  | 2021-23 Fiscal Period |                    |
|------------------------------|----------------------------|-------------------|----------------|------------------|-----------------------|--------------------|
|                              |                            |                   | Prior Biennium | Current Biennium | Reappropriations      | New Appropriations |
| 04R-1                        | Drinking Water Asst.-State | 90,000,000        |                |                  |                       | 20,000,000         |
|                              | <b>Total</b>               | <b>90,000,000</b> | <b>0</b>       | <b>0</b>         | <b>0</b>              | <b>20,000,000</b>  |
| <b>Future Fiscal Periods</b> |                            |                   |                |                  |                       |                    |
|                              |                            | <b>2023-25</b>    | <b>2025-27</b> | <b>2027-29</b>   | <b>2029-31</b>        |                    |
| 04R-1                        | Drinking Water Asst.-State | 70,000,000        |                |                  |                       |                    |
|                              | <b>Total</b>               | <b>70,000,000</b> | <b>0</b>       | <b>0</b>         | <b>0</b>              |                    |

**303 - Department of Health  
Capital Project Request**

2021-23 Biennium

\*

**Version:** C2 DOH 2022 Supplemental

**Report Number:** CBS002

**Date Run:** 9/13/2021 3:09PM

**Project Number:** 4000058

**Project Title:** Improve Critical Water Infrastructure

**Operating Impacts**

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No Operating Impact

## Capital Project Request

2021-23 Biennium

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| <u>Parameter</u>       | <u>Entered As</u> | <u>Interpreted As</u>       |
|------------------------|-------------------|-----------------------------|
| Biennium               | 2021-23           | 2021-23                     |
| Agency                 | 303               | 303                         |
| Version                | C2-A              | C2-A                        |
| Project Classification | *                 | All Project Classifications |
| Capital Project Number | 40000058          | 40000058                    |
| 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                |

# 303 - Department of Health Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:11PM

Project Number: 4000059

Project Title: Increase DWSRF Preconstruction Loans

## Description

Starting Fiscal Year: 2022

Project Class: Grant

Agency Priority: 1

### Project Summary

The Drinking Water State Revolving Fund (DWSRF) loan program helps communities provide safe and reliable drinking water and supports economic development by providing loan interest construction loans. Preconstruction loans (PCL) help water systems that do not currently for DWSRF construction loans to do preconstruction activities necessary prior to constructing needed infrastructure. These loans support disadvantage communities as they needed to address public health risks in the provision of safe and reliable drinking water. The Department of Health requests expenditure authority to address the growing demand for PCL over the next 4 years.

### Project Description

The drinking water state revolving fund (DWSRF) provides low interest construction loans to public water systems throughout the state. Eligible projects include those that address public health risks, resiliency, and upgrades to deteriorating infrastructure. We have documented demand from our public water systems that exceed \$900 million. We are currently able to issue about \$54 million in loans and more will be available with increased authorization to spend. Not all projects are ready to proceed immediately. Preconstruction Loans (PCLs) are funds made available to water systems to help them with costs associated with project development prior to construction. They are funded by DWSRF loan repayment revenue deposited into the Drinking Water Assistance Account (Fund 04R-1). Project development tasks include consolidation feasibility studies, planning documents, permitting, environmental and cultural reviews, engineering studies and reports, construction documents, asset management and value planning. The availability of these funds help those water systems that are not able to set aside revenues due to factors such as size of system, number of rate -payers, rural nature, and economic class. These loans support these disadvantaged communities as they need to address public health risks in the provision of safe and reliable drinking water. Acquiring funding through these loans to fix problems with drinking water systems reduces health disparities for those communities. The Department of Health, Office of Dinking Water (ODW) is experiencing growing demand for these PCLs, particularly for small systems and communities who need additional support to be ready for infrastructure loans and projects and expects the demand to increase through FY 2025. In the past, PCLs were offered to those water systems who submitted construction loan applications but did not get approved because their DWSRF project was not ready for construction or did not meet specific eligibility requirements. In fiscal year 2022, ODW has set up dedicated funding cycles for PCLs and already has signed contracts worth approximately \$3.5 million with additional PCL applications in process. This increase in demand requires the additional appropriation requested in this decision package. PCLs have a ten-year loan term with 0% standard interest rate and a 2% loan origination fee. All Group A community water systems (state and federally regulated public drinking water system of 15 or more connections) and Group A nonprofit non-community water systems (state and federally regulated public water systems with less than 15 connections but serving more than 25 people a day 180 or more days/year) are eligible for the funding. While ODW does not provide subsidy for these loans, the loans assist water systems serving low income communities to move ahead with plans for construction projects that reduce health risks (e.g. eliminating risks for introduction of contaminants, maintaining compliance with state regulations, and upgrading aging infrastructure). ODW, in conjunction with Department of Commerce's Small Communities Initiative, provides technical assistance to small disadvantage communities to help them become eligible and ready for additional construction funding. ODW will not be able to provide PCLs without additional expenditure authority for this program, . Without PCLs, economic disadvantaged water systems will struggle to be eligible for ODW's low -interest construction loans, impacting water systems' ability to fund needed infrastructure and impacting the delivery of safe potable water to protect public health. This may lead to an increase in health disparities. The Drinking Water Assistance Account (Fund 04R-1) has sufficient future cash flow (approximately \$40 million annually) and fund balance to support this request. This investment would expand the existing preconstruction loan program. Based on current economic conditions and water system infrastructure demands the Office of Drinking Water projects increasing demand for preconstruction loans (PCLs) during the next four years. Through FY2025 approximately twenty -three new PCLs are anticipated with a maximum loan amount of \$500,000 each. The current appropriation of approximately \$5.5 million is insufficient to meet projected loans

303 - Department of Health  
 Capital Project Request

2021-23 Biennium

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Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:11PM

Project Number: 4000059

Project Title: Increase DWSRF Preconstruction Loans

**Description**

through FY2023. We currently have executed PLC contracts that total \$3.5 million, with several more water systems in the process of submitting their applications. This decision package request will provide sufficient appropriation for PCLs through FY 2025. These PCLs are capital projects pass-thru loans that are funded through the DWSRF loan program. No FTEs or operating expenses are included in this request. The related FTEs and associated operating costs are supporting by other appropriations. The proposal relates to the agency's strategic plan, including Outward Mindset and Funding foundations transformations. The PCL program helps ensure safe and reliable drinking water by helping small water systems prepare to upgrade critical infrastructure while providing low interesting loans that they may not be able to access otherwise. Approximately 12 new PCLs will be funded from this request through FY 2025. This will help water systems obtain construction loans through the DWSRF infrastructure loan program to address critical drinking water infrastructure improvements. This request will not directly impact other state agencies. City, county, and other quasi-government entities are eligible for these loans, along with tribal owned water system. Tribal owned water systems are not eligible if the system is receiving other DWSRF set-aside funding for the project. PCLs are supported by water system utilities owned by city and county governments along with other quasi-government entities including public utility districts, water and sewer districts, and homeowner associations. Working with each of these public utilities, we have learned of more than \$900,000,000 of current infrastructure needs. This expansion of the DWSRF preconstruction loan program is a critical support need for low interest loans by assisting communities to prepare to meet those needs. It is also supported by EPA, as PCLs have shown to be effective as a tool to help systems successfully move forward with construction and to keep state revolving fund money, and associated federal capitalization grants, timely invested. This request is supported by small and medium size water systems throughout the state that need additional resources to qualify for infrastructure loans. Publicly owned, privately owned, and for-profit Group A community water systems and nonprofit non-community Group A water systems are eligible for PCLs. There are no legal or administrative mandates for this decision package. No changes from statutes, rules, or contracts are required. No impact to state CBAs, compensation or benefits policy. No impact to facilities. PCLs are a considered capital projects and receive capital appropriation. No impact to Puget Sound Recovery

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Washington State Department of Health

RCW that establishes grant: 70.119A.110

**Application process used**

PCL – Application process is as follows: 1) Applications reviewed once they are complete. 2) Each applicant and project is evaluated to determine eligibility. 3) Each application is scored based on our ranking criteria. 4) Each eligible project goes through underwriting to determine if they have adequate water rates to pay back the loan 5) Eligible projects that pass underwriting proceed to scope of work negotiation. 6) Once the scope of work is agreed upon, the project proceeds to contracting.

**Growth Management impacts**

N/A

**Funding**

| Acct Code | Account Title              | Estimated Total  | Expenditures   |                  | 2021-23 Fiscal Period |                    |
|-----------|----------------------------|------------------|----------------|------------------|-----------------------|--------------------|
|           |                            |                  | Prior Biennium | Current Biennium | Reappropriations      | New Appropriations |
| 04R-1     | Drinking Water Asst.-State | 6,000,000        |                |                  |                       | 400,000            |
|           | <b>Total</b>               | <b>6,000,000</b> | <b>0</b>       | <b>0</b>         | <b>0</b>              | <b>400,000</b>     |

303 - Department of Health  
Capital Project Request

2021-23 Biennium

\*

Version: C2 DOH 2022 Supplemental

Report Number: CBS002

Date Run: 9/13/2021 3:11PM

Project Number: 4000059

Project Title: Increase DWSRF Preconstruction Loans

**Funding**

|                                  | Future Fiscal Periods |                |                |                |
|----------------------------------|-----------------------|----------------|----------------|----------------|
|                                  | <u>2023-25</u>        | <u>2025-27</u> | <u>2027-29</u> | <u>2029-31</u> |
| 04R-1 Drinking Water Asst.-State | 5,600,000             |                |                |                |
| <b>Total</b>                     | <b>5,600,000</b>      | <b>0</b>       | <b>0</b>       | <b>0</b>       |

**Operating Impacts**

No Operating Impact



**Capital Project Request**

**2021-23 Biennium**

\*

| <b><u>Parameter</u></b> | <b><u>Entered As</u></b> | <b><u>Interpreted As</u></b> |
|-------------------------|--------------------------|------------------------------|
| Biennium                | 2021-23                  | 2021-23                      |
| Agency                  | 303                      | 303                          |
| Version                 | C2-A                     | C2-A                         |
| Project Classification  | *                        | All Project Classifications  |
| Capital Project Number  | 40000059                 | 40000059                     |
| 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                 |