

Board of Water Supply
Capital Improvement Program
FY 2026

Summary by Categories	Operating Fund (1)	State Revolving Fund (2)	Special Expendable Fund (3)	Improvement Fund (4)	Extramural Fund (5)	Water Infrastructure Finance and Innovation Act (6)	Total
I. Research and Development	13,500,000	-	-	15,000,000	-	-	28,500,000
II. Renewal and Replacement							
A. Pumps	8,300,000	9,100,000	-	-	-	-	17,400,000
B. Reservoirs	-	400,000	-	-	-	-	400,000
C. Pipelines	7,600,000	35,700,000	-	-	-	-	43,300,000
D. Treatment	9,000,000	-	-	-	-	-	9,000,000
E. Facilities	22,750,000	3,000,000	-	7,500,000	-	-	33,250,000
Category II - sub-total	47,650,000	48,200,000	-	7,500,000	-	-	103,350,000
III. Capacity Expansion							
A. Pumps	300,000	-	725,000	-	-	-	1,025,000
B. Reservoirs	-	-	5,000,000	-	-	-	5,000,000
C. Pipelines	-	-	-	-	-	-	-
D. Treatment	-	10,000,000	-	-	-	-	10,000,000
E. Facilities	-	-	-	-	19,000,000	57,000,000	76,000,000
Category III - sub-total	300,000	10,000,000	5,725,000	-	19,000,000	57,000,000	92,025,000
Total - Categories I - III	61,450,000	58,200,000	5,725,000	22,500,000	19,000,000	57,000,000	223,875,000
Construction Cost Index Account	6,727,500	8,130,000	4,000,000	3,375,000	-	4,000,000	26,232,500
Contract Adjustment Account	10,950,000	1,540,000	1,190,000	17,540,000	-	2,000,000	33,220,000
Capital Improvement Program - Total	79,127,500	67,870,000	10,915,000	43,415,000	19,000,000	63,000,000	283,327,500

(1) Operating Fund is defined as rate revenue or cash.

(2) State of Hawai'i Department of Health State Revolving Fund (SRF) loan program is defined as low interest project loans from the State of Hawai'i.

(3) Special Expendable Fund is a restricted fund in which water system facilities charges are deposited and the funding reserved for water system capacity expansion projects.

(4) Improvement Fund is defined as the proceeds of Water System Revenue Bonds.

(5) Extramural Fund is a restricted fund, established by Resolution No. 778, 2007, in which funds received from any governmental agency or private entity, pursuant to negotiated agreements, contracts and/or grants, are deposited and separately accounted for.

(6) Water Infrastructure Finance and Innovation Act (WIFIA) Program is defined as a federal low fixed interest project loan administered by the Environmental Protection Agency (EPA) for water infrastructure projects.

			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
<u>I. Research and Development</u>									
1. Monitoring Wells for Red Hill Contamination Response - Group III	Drill and case up to five (5) monitoring wells for use as "sentinel" wells to warn of the presence of an underground fuel plume from the Red Hill fuel contamination.	CONST	-	-	-	15,000,000	-	-	15,000,000
2. Waikele Gulch Exploratory Well	Drill, install, test pump, and sample two exploratory wells. Install a temporary bridge to access the well site.	CONST	7,000,000	-	-	-	-	-	7,000,000
3. Construction Management for Various BWS Construction Projects	Provide construction management and training services for selected BWS construction projects.	P&E	5,000,000	-	-	-	-	-	5,000,000
4. Construction Management for Various BWS - WSO Construction Projects	Provide construction management and training services for selected BWS - WSO construction projects.	P&E	750,000	-	-	-	-	-	750,000
5. Project Management for Various BWS Projects	Provide project management, engineering and training services for selected BWS projects.	P&E	750,000	-	-	-	-	-	750,000
Total Category I - Research and Development			13,500,000	-	-	15,000,000	-	-	28,500,000
<u>II. Renewal and Replacement</u>									
A. Pumps									
6. Wilder Wells Starter Upgrades and Facility Repairs	Install starter upgrades and well station repairs.	CONST	-	7,000,000	-	-	-	-	7,000,000
7. Mākaha Booster No. 2 MCC Replacement	Replace MCC and appurtenances.	P&E	-	500,000	-	-	-	-	500,000
8. Nu‘uanu Booster No. 2 Relocation	Construct relocated Booster Station No. 2 (TMK 1-9-001:001) to replace the existing Nu‘uanu Booster Station No. 2. Install three (3) pumps, 12-inch suction and discharge mains, emergency generator connection and appurtenances.	P&E	-	1,000,000	-	-	-	-	1,000,000
9. Hawai‘i Loa Booster No. 1 Pump and MCC Replacement	Replace pump, MCC and appurtenances.	P&E	-	600,000	-	-	-	-	600,000
10. Pump Renewal and Replacement	Renewal and replacement of various BWS pumps and plant facilities.	CONST	4,000,000	-	-	-	-	-	4,000,000
11. Pump Renewal and Replacement	Renewal and replacement of various BWS pumps and plant facilities.	P&E	300,000	-	-	-	-	-	300,000
12. Temporary Pumping Connections	Install connections for temporary pumps at critical pump stations to improve reliability.	CONST	3,500,000	-	-	-	-	-	3,500,000
13. Temporary Pumping Connections	Install connections for temporary pumps at critical pump stations to improve reliability.	P&E	500,000	-	-	-	-	-	500,000
Pumps Total			8,300,000	9,100,000	-	-	-	-	17,400,000

			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
B. Reservoirs									
14. Wai‘alae 180 3.0 MG Reservoir Replacement	Prepare environmental assessment and Public Infrastructure Map (PIM) Amendment.	P&E	-	400,000	-	-	-	-	400,000
Reservoirs Total			-	400,000	-	-	-	-	400,000
C. Pipelines									
15. Kalihi Water System Improvements, Part VI	Install 12-inch mains and appurtenances along Gulick Avenue, from King Street to School Street - approx. 2,940 lin. ft. Install 8-inch mains and appurtenances along Gulick Avenue, from North School Street to 66 feet southwest of Pua‘ala Lane; along Ulana Street, from Owāwa Street to 78 feet southeast of FH M07178; along Uhu Street, from Gulick Avenue to end; along Kealoha Street, from Gulick Avenue to Nakuina Street; along Pahukui Street, from Gulick Avenue to Nakuina Street; along Nakuina Street, from Kealoha Street to Beckley Street; along Beckley Street, from Gulick Avenue to Kalihi Street; along Kalihi Street, from King Street to end of 6-inch near FH M02379; along Kaili Street, from King Street to Beckley Street; along Kopke Street, from King Street to Pacheco Street; and along Pacheco Street, from Kopke Street to Gulick Avenue - approx. 7,480 lin. ft. Install 4-inch mains and appurtenances along Beckley Place, from Beckley Street to end; along Day Place, from Kalihi Street to end; and along Ulana Place, from Ulana Street to end - approx. 570 lin. ft. Install 2-inch mains and appurtenances along Gertz Lane, from Gulick Avenue to end; along Harvey Lane, from King Street to end; along Hanu Lane, from Kopke Street to end; and along Lukela Lane, from Kopke Street to end - approx. 1,050 lin. ft.	CONST	-	22,000,000	-	-	-	-	22,000,000
16. Kalihi Water System Improvements, Part III	Install 8-inch mains and appurtenances along Waterhouse Street, from Kopke Street to Pu‘uhale Road; along Stanley Street from Kopke Street to Pu‘uhale Road; along Factory Street, from Stanley Street to Waterhouse Street; and along Industrial Road from Waterhouse Street to Pu‘uhale Road - approx. 1,410 lin. ft.	CONST	-	4,500,000	-	-	-	-	4,500,000
17. Barbers Point 215 Water System Improvements	Install 30-Inch main and appurtenances along the Barbers Point 215 facility access road, from Old Farrington Highway to Reservoir No. 1 - approx. 300 lin. ft. Install new drainline along the flowage easement to facilitate the draining of the reservoirs.	CONST	-	3,500,000	-	-	-	-	3,500,000

			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
18. 'Aiealani Place and Welelau Place 8-inch Main	Install 8-inch mains and appurtenances along 'Aiealani Place, from Hālawa Heights Road to end; and along Welelau Place, from Hoapono Place to end - approx. 1,000 lin. ft. Install 8-inch PRV and appurtenances along Hālawa Heights Road, between 'Aiealani Place and Fernridge Place.	CONST	-	3,000,000	-	-	-	-	3,000,000
19. Kailua Road: 8-Inch Water Main	Install 8-inch and 2-inch mains and appurtenances along 1005 Kailua Road, from Kailua Road to end - approx. 685 lin. ft.	CONST	-	1,200,000	-	-	-	-	1,200,000
20. Kalākaua Avenue 12-Inch Main, Monsarrat Avenue to Dillingham Fountain	Install 12-inch mains and appurtenances along Kalākaua Avenue, from Monsarrat Avenue to Dillingham Fountain - approx. 3,500 lin. ft.	P&E	-	1,500,000	-	-	-	-	1,500,000
21. Water Sampling Stations at Various Locations	Install water sampling stations at various locations.	CONST	750,000	-	-	-	-	-	750,000
22. Service Lateral Replacement at Various Locations	Install and replace service laterals at various locations.	CONST	2,500,000	-	-	-	-	-	2,500,000
23. Service Lateral Replacement at Various Locations	Topographic Survey for the service lateral replacement at various locations.	P&E	150,000	-	-	-	-	-	150,000
24. Water System Improvements at Various Locations	Install mains and appurtenance to replace high risk water mains at various locations throughout the island.	P&E	4,000,000	-	-	-	-	-	4,000,000
25. Water Main Installation and Replacement	Install and replace water mains at various locations.	CONST	100,000	-	-	-	-	-	100,000
26. Water Main Installation & Replacement	Install and replace water mains at various locations.	P&E	100,000	-	-	-	-	-	100,000
Pipelines Total			7,600,000	35,700,000	-	-	-	-	43,300,000
D. Treatment									
27. GAC Corrosion Control at Various Locations	Perform corrosion control of selected BWS GAC facilities. CM services funding included for this project.	CONST	3,500,000	-	-	-	-	-	3,500,000
28. Granular Activated Carbon Disposal Options	Develop an implementation plan for the construction of a GAC reactivation plant. Design RFP development, provide project management services to monitor DBOM progress and provide operations management oversight for 12-month period after construction complete.	P&E	500,000	-	-	-	-	-	500,000
29. Temporary Drinking Water Treatment Systems	Install temporary drinking water treatment systems at various locations.	CONST	5,000,000	-	-	-	-	-	5,000,000
Treatment Total			9,000,000	-	-	-	-	-	9,000,000

			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
E. Facilities									
30. Mākaha Shaft Tunnel Rehabilitation	Replacement of all MCC, SCADA system, and all electrical components and appurtenances; replacement of pump units and associated piping, valves and appurtenances; replacement of ventilation system, plumbing system, and inclined elevator; replacement of 8-inch waterline and appurtenances; rehabilitation and expansion of the portal building; and replacement of the perimeter fencing.	CONST	-	-	-	7,500,000	-	-	7,500,000
31. Pump Station Instrumentation & Controls and SCADA Upgrade	Upgrade instrumentation and controls equipment at various pump stations and revamp SCADA system to provide smarter functionality.	CONST	6,000,000	-	-	-	-	-	6,000,000
32. Security Improvements at Various Locations	Security improvements and enhancements includes, but not limited to fencing, doors and windows, vegetation setbacks and access control systems at various BWS locations.	CONST	1,000,000	3,000,000	-	-	-	-	4,000,000
33. Facility Repair and Renovation	Repair, renovation, reroofing, fencing and repainting of selected BWS facilities.	CONST	11,500,000	-	-	-	-	-	11,500,000
34. Facility Repair and Renovation	Repair, renovation, reroofing, fencing and repainting of selected BWS facilities.	P&E	2,000,000	-	-	-	-	-	2,000,000
35. Pump Station Instrumentation & Controls And SCADA Upgrade	Upgrade instrumentation and controls equipment at various pump stations and revamp SCADA system to provide smarter	P&E	700,000	-	-	-	-	-	700,000
36. Slope Stabilization Investigation at Various Facilities	Install improvements to stabilize the rock face at various BWS reservoir sites.	P&E	1,000,000	-	-	-	-	-	1,000,000
37. Monitoring Well Assessment and Repair	Provide well condition assessment and associated repair services for monitor wells.	P&E	150,000	-	-	-	-	-	150,000
38. Professional Services for BWS Projects	Obtain services of archaeologists, botanists, environmental engineers, water quality labs, planners, government agencies and others.	P&E	100,000	-	-	-	-	-	100,000
39. Pump Station Assessment and Operations/Repairs	Update pump station condition assessments and operations database.	P&E	300,000	-	-	-	-	-	300,000
Facilities Total			22,750,000	3,000,000	-	7,500,000	-	-	33,250,000
Total Category II - Renewal and Replacement			47,650,000	47,800,000	-	7,500,000	-	-	103,350,000

			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
III. Capacity Expansion									
A. Pumps									
40. Red Hill Contamination Response Production Well - Newtown 550'	Prepare environmental assessment and Public Infrastructure Map (PIM) Amendment for the Red Hill contamination response production wells at Newtown 550'.	P&E	-	-	450,000	-	-	-	450,000
41. Pacific Heights Booster No. 1	Prepare feasibility study to determine potential sites, land acquisition costs, and alternatives to Constructing a new Pacific Heights Booster No. 1 to eliminate the cross-country water main between Jack Lane and the Pacific Heights 578' Reservoir.	P&E	300,000	-	-	-	-	-	300,000
42. Mānoa Well II Unit No. 2	Prepare environmental assessment and Public Infrastructure Map (PIM) Amendment for a second production well at existing Mānoa Well II Station (TMK: 2-9-054:033).	P&E	-	-	275,000	-	-	-	275,000
Pumps Total			300,000	-	725,000	-	-	-	1,025,000
B. Reservoirs									
43. Wai‘awa 228 Reservoirs	Install 4.0 MG, 2.5 MG, and 2.0 MG reservoirs and appurtenances (TMK: 9-6-004:024). Install 30-inch influent and effluent mains and appurtenances along the paved access road, from the reservoir to Cane Haul Road - approx. 3,700 lin. ft. Install 12-foot wide paved access road, from the reservoir to Cane Haul Road, approx. 3,500 lin. ft.	P&E	-	-	5,000,000	-	-	-	5,000,000
Reservoirs Total			-	-	5,000,000	-	-	-	5,000,000
C. Pipelines									
Pipelines Total			-	-	-	-	-	-	-
D. Treatment									
44. Mililani Wells II GAC Installation	Install two (2) new GAC vessels, backwash tank system, including pump and filter setup, chlorinator infrastructure and piping.	CONST	-	10,000,000	-	-	-	-	10,000,000
Treatment Total			-	10,000,000	-	-	-	-	10,000,000

			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
E. Facilities									
45. Kalaeloa Sea Water Desalination Facility	Design-Build-Operate-Maintain (DBOM) contract for a 1.7 MGD desalination facility with limited oversizing for future expansion. Install 16-inch transmission main along the project boundary from desalination facility to Ōlai Street; along Ōlai Street, from end to Kalaeloa Boulevard; along Kalaeloa Boulevard, from Ōlai Street to the existing 16-inch main near the Northern end of TMK 9-1-031:022 - approx. 4,800 lin. ft.	CONST	-	-	-	-	19,000,000	50,500,000	69,500,000
	Abrogation of Desal Property Deed and Acquisition of Olai Street Roadway Lot	LAND						6,500,000	6,500,000
Facilities Total			-	-	-	-	19,000,000	57,000,000	76,000,000
Total Category III - Capacity Expansion			300,000	10,000,000	5,725,000	-	19,000,000	57,000,000	92,025,000
Total Categories I - III			61,450,000	58,200,000	5,725,000	22,500,000	19,000,000	57,000,000	223,875,000
Construction Cost Index Adjustment			6,727,500	8,130,000	4,000,000	3,375,000	-	4,000,000	26,232,500
Contract Adjustment Account			10,950,000	1,540,000	1,190,000	17,540,000	-	2,000,000	33,220,000
FY26 Capital Improvement Program Total			79,127,500	67,870,000	10,915,000	43,415,000	19,000,000	63,000,000	283,327,500