

BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HI 96843
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September 26, 2022

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Board of Water Supply
City and County of Honolulu
Honolulu, Hawaii 96843
Chair and Members

Subject: Adoption of Resolution No. 950, 2022 Amending the 2022-2023 Capital Improvement Program Budget and Appropriating Funds Therefor and Revision of the 2022-2023 Capital Improvement Program Budget – Amendment No. 1

We recommend adoption of the attached Resolution No. 950, 2022, which increases the total appropriation for the 2022-2023 Capital Improvement Program Budget by \$2,967,000, from \$181,109,325 to \$184,076,325.

This resolution will provide additional funding as follows:

1. \$33,500,000 for the re-programming of the following FY 2022 CIP projects:
 - a. \$8,500,000 Keolu Hills Water System Improvements, Part II
 - b. \$11,200,000 Kalama Valley Water System Improvements, Part II
 - c. \$10,500,000 Palolo Water System Improvements, Part III
 - d. \$2,000,000 Puiwa Road 12-Inch and Dowsett Avenue 8-Inch Mains
 - e. \$1,300,000 Waiomao Homestead 8-Inch Main

These projects were originally budgeted in FY 2021-2022 but contract awards were not made, no funds were encumbered, and funding lapsed.

2. \$387,000 in the Construction Cost Index Account

Further, this resolution will remove funding as follows:

3. <\$30,920,000> reduction of funds for the deferral of these projects to a future fiscal year:
 - a. <\$11,000,000> Palolo Water Systems Improvements, Part IV
 - b. <\$1,200,000> Barbers Point 215 Water System Improvements
 - c. <\$3,100,000> Halupa Street 12-Inch Main

- d. <\$4,920,000> Kahilina Place and Aiea Heights Drive Area Water System Improvements
- e. <\$5,700,000> Mailiili Road 20-Inch Main, Paakea Road to Lualualei Homestead Road
- f. <\$2,000,000> Kakela Drive and Mohala Way Water System Improvements
- g. <\$3,000,000> Nuuanu Reservoir No. 1 Dam Improvements

Finally, this resolution will modify the source of funds for existing projects as follows:

- 4. \$6,500,000 reduction of Operating funds and replacement with Special Expendable funds in the Contracts Adjustments Account to provide funds for contract change orders in Fiscal Year 2023. This replacement of funds aligns with the source of funds originally used to award the contracts now requiring change orders.

We recommend adoption of the amended Capital Improvement Program Budget for the fiscal year beginning July 1, 2022, and ending June 30, 2023, as submitted to the Board on September 26, 2022.

A public hearing to consider the proposed amended budget, as required by the City Charter, was held on September 26, 2022. The affidavit attesting to the publication of the public hearing notice is attached.

The current Capital Improvement Program (CIP) Budget shall be amended as described below:

- 1. Add appropriations for the following CIP projects:

Item No. 16a. KEOLU HILLS WATER SYSTEM IMPROVEMENTS, PART II

Install 12-inch mains and appurtenances along Keolu Drive, from Akumu Street to Naniialii Street; along Akumu Street, from Keolu Drive to Alahaki Street; along Iana Street, from Keolu Drive to FH W00766; and along Keolu Drive, from Kanapuu Drive to Akalani Loop - approx. 3,580 lin. ft. Install 8-inch mains and appurtenances along Akumu Street, from Alahaki Street to Holoholo Street; along Keolu Drive, from Akalani Loop to Akahai Street; along Akahai Street, from Keolu Drive to Akamai Street; along Akaiki Street, from Akahai Street to Akamai Street; and along Halula Place, from Akumu Street to end - approx. 4,270 lin. ft. Install 4-inch mains and appurtenances along Akumu Place, from Akumu Street to end; along Akiu Place, from Akumu Street to end; and along Akalei Place from Akumu Street to end - approx. 540 lin. ft.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	0	8,500,000

Item No. 18a. KALAMA VALLEY WATER SYSTEM IMPROVEMENTS, PART II

Install 12-inch mains and appurtenances along Kealahou Street, from 661 Kealahou Street to Papalalo Place - approx. 2,305 lin. ft. Install 8-inch mains and appurtenances along Wawau Street, from Honokahua Street to Kaeleku Street; along Honokahua Street, from Kaeleku Street to end; along Kealahou Street, from Papalalo Place to end; along Nakalele Street, from Kealahou Street to Pihana Street; along Pihana Street, from 45 feet north of FH M06514 to end; and along Ipuai Street, from Kealahou Street to Honokahua Street - approx. 4,135 lin. ft. Install 8- and 4-inch mains and appurtenances along Kalina Place, from Kealahou Street to end; along Maloo Place, from Honokahua Street to end; along Ohina Place, from Honokahua Street to end; along Honokahua Place, from Honokahua Street to end; along Kiaala Place, from Kealahou Street to end; and along Papalalo Place, from Kealahou Street to end - approx. 2,040 lin. ft. Install service laterals and appurtenances along Kaeleku Street, from Honokahua Street to end; along Honokahua Street, from Kahului Street to Kepaniwai Street; along Napoko Place, from Kealahou Street to end; along Kamaomao Place, from Kealahou Street to end; along Puumahoe Place, from Kealahou Street to end; along Muolea Place, from Kealahou Street to end; along Olowalu Place, from Kealahou Street to end; along Olowalu Way, from Olowalu Place to end; along Hualoha Street, from Kealahou Street to Kahului Street; along Kealahou Street, from Hualoha Street to FH no. M06314; along Inuwai Place, from Kealahou Street to end; along Kahului Street, from Kaeleku Street to FH no. M06477; along Pihana Street, from Kahului Street to FH no. M06514; along Inuwai Way, from Inuwai Place to end; and along Eaea Place, from Kealahou Street to end - approx. 199 service laterals.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	0	11,200,000

Item No. 19a. PALOLO WATER SYSTEM IMPROVEMENTS, PART III

Install 16-inch mains and appurtenances along Palolo Avenue, from Carlos Long Street to Palolo Place; and along 10th Avenue, from Palolo Place to Makanui Place - approx. 1,410 lin. ft. Install 12-inch mains and appurtenances along Palolo Avenue, from Kiwila Street to Palolo Place; and along 10th Avenue, from Palolo Place to Waiomao Road - approx. 7,000 lin. ft. Install 8-inch mains and appurtenances along Palolo Avenue, from Kauhana Street to Carlos Long Street; along Kaalani Place, from 10th Avenue to end; along Kaululoa Place, from Palolo Avenue to end; along Makanui Place, from 10th Avenue to end; along Holomua Place, from Makanui Place to end; and along 10th Avenue Place from 10th Avenue to end – approx. 3,470 lin. ft. Install 4-inch mains and appurtenances along Palolo Place, from FH M00899 to end – approx. 30 lin. ft.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	0	10,500,000

Item No. 20a. PUIWA ROAD 12-INCH AND DOWSETT AVENUE 8-INCH MAINS
 Install 12-inch mains and appurtenances along Puiwa Road, from 24 Puiwa Road to Puiwa Lane - approx. 500 lin. ft. Install 8-Inch mains and appurtenances along Dowsett Avenue, from fire hydrant M03678 to Alika Avenue - approx. 1,000 lin. ft. Install 8-inch main and fire hydrant along the lane near 3964 Old Pali Road, from Old Pali Road to end - approx. 510 lin. ft.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	0	2,000,000

Item No. 21a. WAIOMAO HOMESTEAD ROAD 8-INCH MAIN
 Install 8-inch mains and appurtenances along Waiomao Homestead Road, from Waiomao Road to Palolo Chlorinator - approx. 700 lin. ft.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	0	1,300,000

2. To provide funding for the CIP projects that have been reprogrammed above, and to appropriately size the Capital Improvement Program, the following CIP projects and appropriations will be deferred to a future fiscal year:

Item No. 16 PALOLO WATER SYSTEM IMPROVEMENTS, PART IV
 The project will be deferred to a future fiscal year.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	11,000,000	0

Item No. 18 BARBERS POINT 215 WATER SYSTEM IMPROVEMENTS
 The project will be deferred to a future fiscal year.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	1,200,000	0

Item No. 19 HALUPA STREET 12-INCH MAIN
 The project will be deferred to a future fiscal year.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	3,100,000	0

Item No. 20 KAHILINAI PLACE AND AIEA HEIGHTS DRIVE AREA WATER SYSTEM IMPROVEMENTS

The project will be deferred to a future fiscal year.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	4,920,000	0

Item No. 21 MAILILI ROAD 20-INCH MAIN, PAAKEA ROAD TO LUALUALEI HOMESTEAD ROAD

The project will be deferred to a future fiscal year.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	5,700,000	0

Item No. 22 KAKELA DRIVE AND MOHALA WAY WATER SYSTEM IMPROVEMENTS

The project will be deferred to a future fiscal year.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	2,000,000	0

Item No. 31 NUUANU RESERVOIR NO. 1 DAM IMPROVEMENTS

The project will not be ready for construction this fiscal year and will therefore be deferred to a future fiscal year.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	3,000,000	0

3. Increase the appropriations for the following:

CONSTRUCTION COST INDEX (CCI) ADJUSTMENT ACCOUNT

With the additional funding for construction projects, a commensurate increase will be added to this account.

<u>Appropriation</u>	<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	7,803,000	8,190,000

4. Modified the appropriations for the following:

CONTRACT ADJUSTMENT ACCOUNT (CAA)

Modified the appropriations to match the original source of funding of the contracts requiring change orders in FY 2023.


<u>Appropriation</u>	<u>Present</u>	<u>Proposed</u>
OPERATING FUND	21,450,000	14,950,000
SPECIAL EXPENDABLE FUND	0	6,500,000

The following is a summarization of the FY 2022-2023 CIP Budget Amendment No. 1:

FY 2023 CIP Budget (as Adopted)	\$181,109,325
FY 2023 – Amendment No. 1	
Projects – Added	+\$33,500,000
Projects – Deferred	<u>(\$30,920,000)</u>
SUB-TOTAL	\$183,689,325
Construction Cost Index Account	+\$387,000
Contract Adjustment Account – Operating	(6,500,000)
Contract Adjustment Account – Special Ex	<u>+6,500,000</u>
FY 2023 CIP Budget (as Amended)	<u>\$184,076,325</u>

Upon approval, the appropriate pages of the current CIP budget will be revised for distribution.

Respectively submitted,


ERNEST Y.W. LAU, P.E.
Manager and Chief Engineer

APPROVED

Attachments