Project ID	Project Title	Project Type	Project Description	Previous Funding	Total Budget	FY 11-12 Funding Request	FY12-13 Funding Request	FY 12-13 Biennial Supplemental Request	Funding Source
WTR 1	Regional Water - Water Conveyance/Transmission	Renewal	This project will provide funding for repairs and improvement to the Regional Water System conveyances systems including new line and by-pass valves, transmission facilities upgrades and pipeline rehabilitation and upgrades.	16,351,000	255,951,000		15,700,000		Water Revenue
WTR 2	Regional Water Facilities Maintenance	Renewal	The project will fund maintenance activities required for the Water Supply and Treatment Division's Water Conveyance and Transmission Systems. Activities include replacement of valves/ pumps/motors at treatment facilities, minor repairs to the Water Quality Labs and HVAC improvements.	7,224,000	52,334,000	3,170,000	4,660,000		Water Revenue
WTR 3	Regional Water - Treatment Facilities	Renewal	Funding is requested for repairs and improvements to the Treatment Facilities in the Regional Water System. Work includes repairs to treatment plants, disinfection facilities, compliance monitoring stations, treatment process improvement, laboratories and the associated facilities.	8,270,000	33,020,000	7,750,000	1,750,000		Water Revenue
WTR 4	Watershed/ Right of Way Management Program	Renewal	The purpose of this program is to support capital projects that improve and/or protect the water quality and/or ecological resources or are affected by the operation of the SFPUC. Projects may include the repair, replacement, maintenance, and/or construction of roads, fences, or trails that meet these purposes.	5,700,000	41,600,000	4,400,000	5,600,000		Water Revenue
WTR 5	Local Water Conveyance/Distribution System	Renewal	This program is for the repairs and replacement of Local Water distribution systems including the replacement of existing water distribution/feeder mains with ductile iron pipes, the installation of new water services and meters and the renewal of old, galvanized and lead water services and meters.	103,797,250	394,000,250	9,568,636	25,138,000		Water Revenue Bonds
WTR 6	Treasure Island Facilities - Water Enterprise	Renewal	Projects include a new water pump station in Oakland and the assessment and repair of the 1 million and 2 million gallon reservoirs. The new pump station and water line extension will replace the existing pump station and water line on the eastern span of the Bay Bridge after they are demolished. This reservoir projects will maintain the secondary source of potable water to the island.	4,640,000	19,140,000	6,525,000	5,775,000		Water Revenue Bonds

Project ID	Project Title	Project Type	Project Description	Previous Funding	Total Budget	FY 11-12 Funding Request	FY12-13 Funding Request	FY 12-13 Biennial Supplemental Request	Funding Source
WTR 7	Natural Resource Planning	Programmatic	The purpose of this program is to support planning efforts for projects to improve and/or protect the water quality and/or ecological resources that affect or are affected by the operation of the SFPUC water supply system within the Bay Area counties. Examples of these projects include collaborative efforts with members of watershed workgroups, leading-edge research with local universities, and education programs with community groups.	2,650,000	8,190,000	1,270,000	270,000		Water Revenue
WTR 8	Long Term Monitoring & Permit Program	Programmatic	The purpose of this program is to meet the long-term monitoring and permit requirements associated with capital projects and their operations and maintenance activities within the Bay Area Watersheds and the rights of way.	950,000	42,443,000	1,600,000	3,231,000		Water Revenue
WTR 9	Water Resources Planning & Development	Programmatic	The Water Supply Master Plan provides a framework of activities to insure the continued reliable delivery of water for municipal and commercial use. The plans provides for measures ranging from recognizing the need for additional physical facilities to the diversification of the water supply.	5,007,633	16,507,633	2,100,000	1,400,000		Water Revenue
WTR 10	Landscape Conservation Program	Programmatic	The SFPUC has developed a landscape conservation program to conduct audits on large landscapes in San Francisco to determine recommendations for water use efficiency measures; comply with local and state landscape ordinances that require pre- and post landscape audits for new large landscape projects; and to implement a landscape conservation grant program to save potable drinking water.	5,960,000	13,960,000	1,000,000	1,000,000		Water Revenue
WTR 11	Auxiliary Water Supply System Maintenance Project	Programmatic	The Auxiliary Water Supply System (AWSS) is a system of mains and 1889 High Pressure Fire Hydrants, independent of the domestic water supply built solely for the purpose of firefighting. The transition of AWSS to the SFPUC occurred in FY 2010-11. FY 2011-12 & FY 2012-13 request of $1.1 million is to support the on-going maintenance of the system.	2,700,000	4,900,000	1,100,000	1,100,000		Water Revenue

Project ID	Project Title	Project Type	Project Description	Previous Funding	Total Budget	FY 11-12 Funding Request	FY12-13 Funding Request	FY 12-13 Biennial Supplemental Request	Funding Source
WTR 12	Treasure Island Facilities Maintenance	Programmatic	The SFPUC Water Enterprise has operated and maintained the potable water distribution system at Treasure Island and Yerba Buena Island (TI/YBI) on behalf of the Treasure Island Development Authority (TIDA). Potable water to TI/YBI is supplied by a transmission main from San Francisco and a backup supply from Oakland. The potable water distribution system on TI/YBI is comprised of four reservoirs, six pump stations, and distribution piping network.	1,748,000	3,496,000	1,132,000	1,132,000		Water Revenue
WTR 13	Youth Employment Project	Programmatic	The Earth Stewards is a collaborative effort by the SFPUC, the San Francisco Sheriff's Department and the Garden Project to provide at-risk, young, San Franciscans with horticultural and landscaping work experience on SFPUC properties.	3,150,000	850,000	1,150,000	1,150,000		Water Revenue
WTR 14	525 Golden Gate - Operations & Maintenance	Programmatic	525 Golden Gate will be the new headquarters for the San Francisco Public Utilities Commission. The costs to operate and maintain the building on an annual basis is estimated to be $3,100,000 increasing annually at 3.0%.		25,175,913	2,163,375	2,265,213		Water Revenue
WTR 15	525 Golden Gate - Lease Payment	Programmatic	In October of 2009, the City and County of San Francisco issued its Certificates of Participation to provide financing for 525 Golden Gate. The SFPUC will make annual Base Rental Payments to the City for the building equal to annual debt service on the Certificates of Participation				7,678,702		Water Revenue
WTR 16	Surety Bond Program	Programmatic	Water Enterprise FY 2012 contribution to the City-wide surety bond program.	1,080,207	1,090,207	10,000			Water Revenue
WTR Total						**42,939,011**	**77,849,915**		
WW 1	WWE - R&R Program (Sewers)	Renewal	The purpose of the Repair and Replacement (R&R) fund is to maintain the intended capacity and performance of the sewage collection system owned/operated by the Wastewater Enterprise. Collection System Projects includes both planned and emergency projects to repair/replace structurally inadequate sewers. The proposed FY 2011-12 budget would enable WWE to replace approximately 10 miles of sewers.	31,132,000	442,286,000	23,037,450	34,323,000		Wastewater Revenue/ Revenue Bonds

Project ID	Project Title	Project Type	Project Description	Previous Funding	Total Budget	FY 11-12 Funding Request	FY12-13 Funding Request	FY 12-13 Biennial Supplemental Request	Funding Source
WW 2	WWE R&R Program (Treatment Facilities)	Renewal	The purpose of the Repair and Replacement (R&R) fund is to maintain the intended capacity and performance of the sewage treatment plants, pumping facilities and other sewage facilities owned/operated by the Wastewater Enterprise. Projects include both planned and emergency projects to repair/replace sewage treatment plants, pumping facilities and other sewage facilities.	10,235,920	145,403,920	7,450,000	8,595,000		Wastewater Revenue Bonds
WW 3	Property Purchase	Programmatic	Funding for purchases of property to support Wastewater Operations.			3,250,000			
WW 4	Sewer System Improvement Program (SSIP) - Planning	Enhancement	Project funding in FY 2011-12 as part of supplemental appropriation, $10,300,000. Requesting reallocation to other Wastewater projects.	37,095,000	121,905,000	(2,000,000)		14,725,000	Wastewater Revenue Bonds
WW 5	SSIP - Urban Watershed Assessment & Planning	Enhancement	The SSIP Urban Watershed Assessment and Planning project will evaluate alternatives that balance the use of gray versus green infrastructure for collection system improvements. The SSIP will utilize an integrated watershed management approach to investigate the health of the City's watershed and identify potential opportunities for stormwater capture and reuse to address issues of flooding.		9,000,000	4,000,000		4,000,000	Wastewater Revenue Bonds
WW 6	SSIP - Low Impact Design Program	Enhancement	Project funding in FY 2011-12 as part of supplemental appropriation, $3,000,000. Requesting reallocation to other Wastewater projects.	2,000,000	93,500,000	(1,500,000)		4,000,000	Wastewater Revenue Bonds
WW 7	SSIP - Biofuel/Alternative Energy Program	Enhancement	Project funding in FY 2011-12 as part of supplemental appropriation, $3,210,000. Requesting reallocation to other Wastewater projects.	2,560,000	9,560,000	(1,210,000)		5,000,000	Wastewater Revenue Bonds
WW 8	Outfall Inspection/Receiving Water Project	Enhancement	Project funding in FY 2011-12 as part of supplemental appropriation, $5,000,000. Requesting reallocation to other Wastewater projects.	3,500,000	17,500,000	(1,500,000)		3,500,000	Wastewater Revenue Bonds
WW 9	SSIP Biosolids/Digester Project	Enhancement	Project funding in FY 2011-12 as part of supplemental appropriation, $27,000,000. Requesting reallocation to other Wastewater projects.	9,000,000	1,846,000,000	(14,000,000)		31,000,000	Wastewater Revenue Bonds
WW 10	SSIP - Channel Tunnel Transport Project	Enhancement	Project funding in FY 2011-12 as part of supplemental appropriation, $20,000,000. Requesting reallocation to other Wastewater projects.	10,000,000	860,000,000	(5,000,000)		25,000,000	Wastewater Revenue Bonds

Project ID	Project Title	Project Type	Project Description	Previous Funding	Total Budget	FY 11-12 Funding Request	FY12-13 Funding Request	FY 12-13 Biennial Supplemental Request	Funding Source
WW 11	SSIP - Richmond Basin Interim Improvements	Enhancement	The project is for overall system improvements in the Richmond Drainage Basin. These facilities have aged and some are at the end of their useful lives. Due to the changing uses and a comprehensive review of the existing sewer & collection system is necessary to ensure that the system will continue to provide the proper level-of-service to the customers in this drainage basin.		24,000,000	1,000,000		13,000,000	Wastewater Revenue Bonds
WW 12	Northshore to Channel Force Main Improvements	Enhancement	The existing North Shore Force Main (NSFM) provides sewer service to the northeastern region of San Francisco. In 2008, a portion of the NSFM failed, which required extensive emergency repairs and subsequent engineering investigations revealed that a portion of the force main is susceptible to further failures. This project will provide an auxiliary force main which serves as a redundant line to the portion of NSFM that is most vulnerable to failure.	7,055,014	27,055,014	15,000,000		5,000,000	Wastewater Revenue Bonds
WW 13	WWE - Treatment Facilities Improvements	Enhancement	The Wastewater Enterprise Treatment Facility Improvements will: repair corrosion damage, improve ventilation, maximize odor control, upgrade electrical systems, and improve the reliability of facilities to provide reliable service and to comply with regulatory requirements.	142,262,926	201,372,926	11,190,000		13,060,000	Wastewater Revenue Bonds
WW 14	WWE - Bayside and Westside Pump Stations	Enhancement	Funds improvements to the Westside and Griffin Pump Stations including on-going corrosion issues with the piping network associated with the lift pumps. This project will replace/rehabilitate all suction and discharge piping. Other minor pump station improvements will be based on the results of a condition assessment.	9,750,000	20,770,000	1,020,000		10,000,000	Wastewater Revenue Bonds
WW 15	WWE - Collection System Improvements	Enhancement	Project funding in FY 2011-12 as part of supplemental appropriation, $34,261,000. Requesting reallocation to other Wastewater projects.	241,245,200	295,706,600	(7,000,000)		17,200,000	Wastewater Revenue Bonds
WW 16	SSIP Odor Control Projects	Enhancement	The SSIP Odor Control Projects will include various odor control measures to address problem areas throughout the Sewer System. The capital projects will include construction of chemical addition facilities, venting structures, and odor traps, to minimize, dissipate, or collect odors from the collection system.		71,000,000			5,000,000	Wastewater Revenue Bonds

Project ID	Project Title	Project Type	Project Description	Previous Funding	Total Budget	FY 11-12 Funding Request	FY12-13 Funding Request	FY 12-13 Biennial Supplemental Request	Funding Source
WW 17	SSIP Bayside Treatment Improvements	Enhancement	Include improvements the Southeast Water Pollution Control Plant (SEP) and the North Point Facility. The types of improvements will include containment and treatment of odors at each treatment facility, Architectural and landscape improvements, structural, mechanical, electrical, corrosion, instrumentation, and seismic upgrades to existing buildings.		479,900,000			28,900,000	Wastewater Revenue Bonds
WW 18	SSIP Westside Treatment Improvements	Enhancement	Improvements to the Oceanside Water Pollution Control Plant. The types of improvements include, containment and treatment of odors, Architectural and landscape improvements, structural, mechanical, corrosion, and seismic upgrades to existing buildings security, safety and access improvements.		225,500,000			12,500,000	Wastewater Revenue Bonds
WW 19	SSIP - Flood Control & LID Improvements	Enhancement	Specific areas of San Francisco have been identified to be susceptible to flooding. Through the SSIP Flood Control and LID Improvement Project, each of the City's eight watershed basins will be evaluated hydraulically using an Urban Watershed Management approach. Collection system and LID alternatives will be reviewed for retaining stormwater for flood control and local reuse.		390,450,000			30,725,000	Wastewater Revenue Bonds
WW 20	Wastewater Treatment Facility	Enhancement	A new tertiary 2 million gallon per day (MGD) wastewater treatment facility is proposed for the Treasure Island/ Yerba Buena Island service area to replace the existing aged facility. The new treatment facility will include influent screening, a combined primary/secondary treatment process (such as membrane bioreactors), anaerobic sludge digestion, sludge dewatering and truck load-out, disinfection, odor control and tertiary treatment.		109,265,000			1,100,000	Wastewater Revenue Bonds
WW 21	Treasure Island Facilities Maintenance	Programmatic	The Wastewater Enterprise operates and maintains the collection systems at TI/YBI which consists of approximately 52,600 feet of sewer pipe, 29 wastewater pump stations, and the 2-MGD treatment plant. This funds the routine maintenance required to keep the Wastewater Facilities on Treasure Island functional.	2,400,000	4,800,000	1,200,000	1,200,000		Wastewater Revenue

Project ID	Project Title	Project Type	Project Description	Previous Funding	Total Budget	FY 11-12 Funding Request	FY12-13 Funding Request	FY 12-13 Biennial Supplemental Request	Funding Source
WW 22	Low Impact Design	Programmatic	Low Impact Design Projects goal is to build local knowledge of LID, such as the Terecita Rain garden, and a LID demonstration along Cesar Chavez. Project review and technical assistance programs, outreach and education efforts to promote onsite stormwater management and policy, planning and research programs to develop standard designs for streets and drainage.	1,362,790	2,725,850	681,395	681,395		Wastewater Revenue
WW 23	525 Golden Gate - Operations & Maintenance	Programmatic	525 Golden Gate will be the new headquarters for the San Francisco Public Utilities Commission. The costs to operate and maintain the building on an annual basis is estimated to be $3,100,000 increasing annually at 3.0%.		7,107,388	600,390	640,509		Wastewater Revenue
WW 24	525 Golden Gate - Lease Payment	Programmatic	In October of 2009, the City and County of San Francisco issued its Certificates of Participation to provide financing for 525 Golden Gate. The SFPUC will make annual Base Rental Payments to the City for the building equal to annual debt service on the Certificates of Participation				1,457,829		Wastewater Revenue
WW 25	Surety Bond Program	Programmatic	Wastewater Enterprise FY 2012 contribution to the City-wide surety bond program	110,257	111,257	1,000			Wastewater Revenue
WW Total						**36,220,235**	**46,897,733**	**223,710,000**	
HH 1	Streetlight Project	Enhancement	Funds the conversion of SFPUC's 17,600 owned & maintained cobra-head street lights from High Pressure Sodium Vapor (HPSV) to Light Emitting Diode (LED) technologies & installation of a smart lighting controls system.	17,487,940	65,494,940	8,930,000	1,259,000		Hetchy Revenue
HH 2	Renewable/Generation - Ocean Generation	Enhancement	Funds the development and commissioning for ocean generation projects. Ocean generation projects can include tidal energy, wave energy, offshore-wind, combinations of wave and offshore-wind, other related energy projects that use the energy of the ocean.	428,000	5,158,000	200,000	500,000		Hetchy Revenue
HH 3	Renewable/Generation - Small Renewable	Enhancement	Funds the development and commissioning for small renewable energy project such as solar PV (such as civic center grid), solar thermal, wind, geothermal, fuel cells and other renewable projects excluding ocean technologies, offshore wind and small hydro.	5,352,618	16,002,618	1,500,000	1,500,000		Federal Clean Renewable Energy Bonds
HH 4	Renewable/Generation - Small Hydro	Enhancement	Funds the development and commissioning for small hydro projects. Small hydro projects can include in-line turbines (turbines in existing pipelines), incremental hydro, new qualifying and non-qualifying small hydro (under CEC rules), other related small hydro projects.	3,890,689	5,890,689	200,000	200,000		Federal: Clean Renewable Energy Bonds

Project ID	Project Title	Project Type	Project Description	Previous Funding	Total Budget	FY 11-12 Funding Request	FY12-13 Funding Request	FY 12-13 Biennial Supplemental Request	Funding Source
HH 5	Civic Center Sustainability District	Enhancement	This project will fund planning, design and construction of a green energy district in Civic District. This effort will employ new technologies in energy generation and efficiency, and provide power generation from solar and wind resources.	3,083,000	6,131,000	962,000	962,000		Hetchy Revenue
HH 6	Energy Efficiency - General Fund Departments	Enhancement	This funding is for installing energy retrofits in General Fund facilities; projects maximize energy and carbon footprint reduction by installing retrofits on the most energy-intensive building systems: lighting, heating and cooling systems.	17,605,000	27,537,500	4,932,500	1,500,000		Hetchy Revenue
HH 7	Energy Efficiency - All Others	Enhancement	Funding is for planning of energy efficiency services for new residential customers at Hunters Point Shipyard, Enterprise Departments and direct-paying customers of the Power Enterprise.	625,722	2,125,772	150,000	150,000		Hetchy Revenue
HH 8	Go SolarSF Program	Enhancement	This funds the Go Solar Incentive project. The GoSolarSF solar incentive program encourages installations of solar power systems in San Francisco by offering one-time incentive payments to reduce project costs.	15,000,000	29,000,000	3,000,000	2,000,000		Hetchy Revenue
HH 9	Load Meter Project	Enhancement	The purpose of this project is evaluate the feasibility of two scenarios (1) replacing all or a portion of the 2000 Pacific Gas & Electric Company (PG&E) meters used to serve our municipal load customers with meters that would be owned by the Power Enterprise and (2) the Power Enterprise purchasing these meters from PG&E.	1,250,000	4,750,000		1,000,000		Hetchy Revenue
HH 10	Transmission/Distribution Projects	Enhancement	Projects include installing SCADA at the Millbrae Substation, Transmission Improvements at the Airport and Repair/Replacement of distribution equipment at Pier 80 & 94.		2,715,000		830,000		Hetchy Revenue
HH 11	SF Electrical Reliability - Trans Bay Cable Funding	Programmatic	In its Operating License, Trans Bay Cable is obligated to make annual payments of $2 million for 10 years. The SFPUC shall work on developing proposals for how to spend the funds considering renewable energy, conservation, and environmental health programs which benefit low income communities.		20,000,000	2,000,000	2,000,000		Trans Bay Cable Revenue

Project ID	Project Title	Project Type	Project Description	Previous Funding	Total Budget	FY 11-12 Funding Request	FY12-13 Funding Request	FY 12-13 Biennial Supplemental Request	Funding Source
HH 12	525 Golden Gate - Non Construction	Enhancement	525 Golden Gate will be the new headquarters for the San Francisco Public Utilities Commission. Currently under construction, 525 Golden Gate is a 13-story building plus basement for total building area of 277,500 square feet, that will house over 900 PUC employees. Funds will be required to relocate the PUC to the new building, including procurement of furniture, ITS network, phone system, audiovisual equipment, and moving costs.		11,000,000	11,000,000			Hetchy Revenue Energy Conservation Bonds
HH 13	Hetchy Water R&R - Power Infrastructure	Renewal	This is a multi-year project to fund improvements to the power generation and transmission system portion of the Hetch Hetchy Project. This project will fund a number of power related projects involving specific components and facilities involved in the generation and delivery of power.	30,055,000	101,971,000	13,340,000	10,685,000		Hetchy Revenue
HH 14	Hetchy Water R&R - Facilities Renewals	Renewal	This is a multi-year project to fund improvements to the support infrastructure required for the operation of the water delivery and power generation/ transmission systems. This project will fund projects such as road rebuilding, facilities maintenance-support structures, and addressing right of way issues.	16,800,000	130,000,000	16,500,000	6,500,000		Hetchy Revenue/Water Revenue Bonds
HH 15	Hetchy Water R&R - Water Infrastructure	Renewal	This is a multi-year project to fund major improvements and maintenance activities involved with the water supply and delivery portion of the Hetch Hetchy Project. This project will fund non-power projects throughout the system, from the supply reservoirs through the large pipes in the San Joaquin Valley up to the tunnel Portal at Tesla.	15,000,000	336,135,000	8,550,000	14,300,000		Hetchy Revenue/Water Revenue Bonds
HH 16	Treasure Island - Facilities Maintenance	Programmatic	The SFPUC Power Enterprise operates and maintains the electric and natural gas systems at TI/YBI on a 24-hour, 7-days a week basis in accordance with industry standards. This project provides for the continued delivery of electricity to Treasure Island and for the future development of Treasure Island and Yerba Buena Island.	2,909,500	2,909,500	2,810,000	2,810,000		Hetchy Revenue
HH 17	Youth Employment Project	Programmatic	The Earth Stewards is a collaborative effort by the SFPUC, the San Francisco Sheriff's Department and the Garden Project to provide at-risk, young, San Franciscans with horticultural and landscaping work experience on SFPUC properties.	150,000	150,000	150,000	150,000		Hetchy Revenue

Project ID	Project Title	Project Type	Project Description	Previous Funding	Total Budget	FY 11-12 Funding Request	FY12-13 Funding Request	FY 12-13 Biennial Supplemental Request	Funding Source
HH 18	525 Golden Gate - Operations & Maintenance	Programmatic	525 Golden Gate will be the new headquarters for the San Francisco Public Utilities Commission. The costs to operate and maintain the building on an annual basis is estimated to be $3,100,000 increasing annually at 3.0%.		3,966,299	338,026	357,145		Hetchy Revenue
HH 19	525 Golden Gate - Lease Payment	Programmatic	In October of 2009, the City and County of San Francisco issued its Certificates of Participation to provide financing for 525 Golden Gate. The SFPUC will make annual Base Rental Payments to the City for the building equal to annual debt service on the Certificates of Participation.				705,139		Hetchy Revenue
HH 20	Community Choice Project - CleanPowerSF	Programmatic	The Community Choice Aggregation program, CleanPowerSF will offer electricity generation service to residents and businesses in San Francisco, with the long-term goal of providing affordable, locally-controlled service, reducing reliance on fossil fuels and developing new renewable energy resources.	3,126,500	4,126,500	1,000,000			Hetchy Revenue
HH 21	Surety Bond Program	Programmatic	Hetchy's FY 2012 contribution to the City-wide surety bond program	184,158	186,158	2,000			Hetchy Revenue
HH Total						**75,564,526**	**47,408,284**		
Grand Total						**154,723,772**	**172,155,932**	**223,710,000**	