

Attachment A

PROPOSED WATER CAPITAL IMPROVEMENT PROGRAM FY 2022-27

Project Description	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Total
WATER TREATMENT PLANTS							
Val Vista WTP Rehabilitation	\$ 7,830,000	\$ 3,245,000	\$ 9,325,000	\$ 57,860,000	\$ 2,780,000	\$ 1,630,000	\$ 82,670,000
Deer Valley WTP Rehabilitation	\$ 400,000	\$ 22,295,000	\$ 42,340,000	\$ 4,975,000	\$ 40,860,000	\$ 30,000	\$ 110,900,000
24th Street WTP Rehabilitation	\$ 5,380,000	\$ 11,045,000	\$ 32,260,000	\$ 30,000	\$ 1,030,000	\$ 5,275,000	\$ 55,020,000
Union Hills WTP Rehabilitation	\$ 15,000	\$ 810,000	\$ 30,000	\$ 28,675,000	\$ 3,375,000	\$ 28,710,000	\$ 61,615,000
SRP Substation Improvements Deer Valley	\$ -	\$ -	\$ 1,244,650	\$ -	\$ 6,120,000	\$ 6,000,000	\$ 13,364,650
Replacement Fund - Four Plants	\$ 14,304,131	\$ 12,765,000	\$ 21,666,807	\$ 22,416,807	\$ 30,385,990	\$ 30,445,990	\$ 131,984,725
Power Redundancy	\$ 15,610,000	\$ 30,000	\$ 16,660,000	\$ 30,000	\$ 3,803,520	\$ 21,024,620	\$ 57,158,140
SRP Substation Improvements Val Vista	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Percent for Arts	\$ 2,605,573	\$ 3,760,714	\$ -	\$ -	\$ -	\$ -	\$ 6,366,287
Water Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Water Treatment Plants	\$ 46,144,704	\$ 53,950,714	\$ 123,526,457	\$ 113,986,807	\$ 88,354,510	\$ 93,115,610	\$ 519,078,802
STORAGE							
Reservoir Rehabilitation and Improvements	\$ 6,170,000	\$ 1,345,000	\$ 32,850,000	\$ 11,005,000	\$ 25,295,000	\$ 44,780,000	\$ 121,445,000
Water Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Storage	\$ 6,170,000	\$ 1,345,000	\$ 32,850,000	\$ 11,005,000	\$ 25,295,000	\$ 44,780,000	\$ 121,445,000
BOOSTER STATIONS OR PUMPS							
Arsenic Treatment for Groundwater	\$ -	\$ -	\$ 290,000	\$ 65,000	\$ 165,000	\$ 165,000	\$ 685,000
Process Control Optimization	\$ 1,550,000	\$ 1,000,000	\$ 510,000	\$ -	\$ -	\$ -	\$ 3,060,000
Booster Pump Station Replacement Program	\$ 3,250,000	\$ 27,395,000	\$ 44,520,000	\$ 2,860,000	\$ 29,460,000	\$ 9,805,000	\$ 117,290,000
Remote Facilities Replacement Fund	\$ 7,285,000	\$ 7,840,000	\$ 13,907,871	\$ 13,912,871	\$ 24,872,327	\$ 19,237,327	\$ 87,055,396
Improvements - Booster Stations	\$ 300,000	\$ 310,000	\$ 2,120,000	\$ 22,655,765	\$ 274,550	\$ 171,600	\$ 25,831,915
Water Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Booster Stations or Pumps	\$ 12,385,000	\$ 36,545,000	\$ 61,347,871	\$ 39,493,636	\$ 54,771,877	\$ 29,378,927	\$ 233,922,311
PIPES							
New Water Distribution Mains	\$ 3,520,000	\$ 9,670,000	\$ 9,390,000	\$ 2,300,000	\$ 10,000	\$ -	\$ 24,890,000
Impact Fees for New Mains	\$ 20,079,544	\$ -	\$ 11,025,000	\$ -	\$ -	\$ -	\$ 31,104,544
Replacement Mains, Valves, Hydrants, Services	\$ 42,624,797	\$ 35,661,500	\$ 38,207,900	\$ 40,161,500	\$ 42,361,500	\$ 38,081,500	\$ 237,098,697
Water Main Replacement Program	\$ 9,736,641	\$ 3,517,755	\$ 74,547,267	\$ 69,446,585	\$ 58,319,053	\$ 61,276,447	\$ 276,843,748
Transmission Main Rehab & Replacement	\$ 9,809,808	\$ 10,425,000	\$ 28,323,400	\$ 104,131,500	\$ 49,618,100	\$ 5,860,000	\$ 208,167,808
New Transmission Mains	\$ 60,263,000	\$ 3,780,000	\$ 13,435,500	\$ 3,110,000	\$ 300,000	\$ 300,000	\$ 81,188,500

ATTACHMENT A - PROPOSED WATER CAPITAL IMPROVEMENT PROGRAM FY2022-27

Water Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Pipes	\$ 146,033,790	\$ 63,054,255	\$ 174,929,067	\$ 219,149,585	\$ 150,608,653	\$ 105,517,947	\$ 859,293,297
ENERGY, TECHNOLOGY, FACILITIES, ETC. (OTHER)							
Business Automation Projects	\$ 7,627,840	\$ 21,226,333	\$ 28,510,533	\$ 8,010,433	\$ 6,990,433	\$ 15,910,433	\$ 88,276,005
Security Improvements - Wells, Booster, and Storage	\$ 1,100,000	\$ 1,000,000	\$ 22,280,000	\$ 18,780,000	\$ 19,280,000	\$ 16,780,000	\$ 79,220,000
Water Related Facilities Replacement	\$ 1,330,192	\$ -	\$ 4,020,000	\$ 3,770,000	\$ 4,270,000	\$ 1,270,000	\$ 14,660,192
Energy Conservation	\$ 200,000	\$ 200,000	\$ 2,291,000	\$ 2,041,000	\$ 2,041,000	\$ 2,067,000	\$ 8,840,000
Water System Studies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Energy, Technology, Facilities, Etc. (Other)	\$ 10,258,032	\$ 22,426,333	\$ 57,101,533	\$ 32,601,433	\$ 32,581,433	\$ 36,027,433	\$ 190,996,197
COLORADO RIVER RESILIENCY							
Wells	\$ 250,000	\$ -	\$ 25,260,000	\$ 2,050,000	\$ 1,500,000	\$ 10,550,000	\$ 39,610,000
Pump North	\$ 1,165,000	\$ 385,000	\$ 12,810,000	\$ 160,000	\$ -	\$ -	\$ 14,520,000
Aquifer Storage	\$ 18,673,894	\$ 21,701,325	\$ 24,503,992	\$ 24,856,204	\$ 20,010,271	\$ 17,063,810	\$ 126,809,496
Water Acquisition	\$ 17,577,211	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 42,577,211
Water Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Colorado River Resiliency	\$ 37,666,105	\$ 27,086,325	\$ 67,573,992	\$ 32,066,204	\$ 26,510,271	\$ 32,613,810	\$ 223,516,707
PROGRAM TOTAL	\$ 258,657,631	\$ 204,407,627	\$ 517,328,920	\$ 448,302,665	\$ 378,121,744	\$ 341,433,727	\$ 2,148,252,314

Sub-total w/o Contingency or Arts	\$ 258,657,631	\$ 204,407,627	\$ 517,328,920	\$ 448,302,665	\$ 378,121,744	\$ 341,433,727	\$ 2,148,252,314
WW Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Percent for the Arts	\$ 2,605,573	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 5,605,573
	\$ 261,263,204	\$ 207,407,627	\$ 517,328,920	\$ 448,302,665	\$ 378,121,744	\$ 341,433,727	\$ 2,153,857,887