

Consent Decree Capital Projects List

Sewer Facility	Consent Decree Project No.	Capital Project Name	Estimated Cost
South District WWTP	1.1	Headworks	728,343
	1.2	Oxygen Production	7,549,529
	1.3	Oxygenation Trains	18,121,319
	1.4	Chlorine Building	2,520,707
	1.5	Effluent Pump Station	27,010,183
	1.6	Gravity Sludge Thickeners	5,246,274
	1.7	Digesters and Control Buildings	48,532,291
	1.8	Dewatering Facility	16,608,534
	1.9	FOG Removal Facility	928,077
	1.10	Odor Control	8,130,067
	1.11	General Electrical	12,165,144
	1.12	Chlorine Contact Chamber Structural	6,935,601
Subtotal:			154,476,068
Central District WWTP	2.1	Electrical Improvements	28,392,361
	2.2	Building improvements	5,673,576
	2.3	Headworks Plant 1	20,637,859
	2.4	Headworks Plant 2	20,891,336
	2.5	Oxygenation Trains Plant 1	6,882,836
	2.6	Oxygenation Trains Plant 2	15,957,546
	2.7	Secondary Clarifiers Plant 1	4,919,245
	2.8	Secondary Clarifiers Plant 2	7,242,220
	2.9	RS Pump Stations Plant 1	9,441,453
	2.10	RS Pump Stations Plant 2	14,310,201
	2.11	Effluent Pump Station	9,926,072
	2.12	Sludge Thickeners Plant 1	11,156,240
	2.13	Sludge Thickeners Plant 2	9,552,318
	2.14	Digesters Plant 1	60,684,546
	2.15	Digesters Plant 2	122,761,868
	2.16	Dewatering Building	99,952,854
	2.17	Chlorination Facilities	16,713,956
	2.18	Odor Control Systems	20,208,323
	2.19	Co-Gen Facility	30,311,204
	2.20	Septage Unloading	29,061,616
	2.21	Pump Station 1	11,575,513
	2.22	Pump Station 2	5,371,361
	2.23	O2 Plant Process Controls Phase 2	482,909
	2.24	Gas Monitoring	334,913
	2.25	Ventilation Improvements	2,766,973
	2.26	Rehabilitation of Walkways and Stairways	2,685,405
	2.27	Oxygen Production	26,503,191
	2.28	SCADA RTU Upgrades	396,000
	2.29	High Strength Influent Impact Study	1,544,400
Subtotal:			596,338,296
North District WWTP	3.1	Headworks and Sludge Degritting Transfer	31,777,875
	3.2	Primary Clarifiers and Odor Control	47,630,971
	3.3	Oxygenation Trains	26,824,143
	3.4	Oxygen Production	7,139,589
	3.5	Secondary Clarifiers	81,645,502
	3.6	Disinfection	18,721,749
	3.7	Effluent Disposal	27,500,829
	3.8	Plant Wide Electrical	18,859,689
	3.9	Flood Mitigation	4,327,589
	3.10	Yard Piping Replacement	4,901,560
	3.11	SCADA RTU Upgrades	1,200,320
Subtotal:			270,529,817

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Wastewater Collection and Transmission Lines	4.1	Collection System I/I Repairs	138,538,762
	4.2	Government Cut FM - Phase 1& 2 (construction ongoing)	35,187,000
	4.3	Government Cut FM - Phase 3	117,376,121
	4.4	North Dade 72 inch PCCP FM Rehabilitation	23,764,116
	4.5	South Dade 54 inch PCCP FM Rehabilitation	18,570,705
	4.6	Replacement of Tamiami Canal Aerial Crossing FM's at NW 37th Ave	727,443
	4.7	Replacement of 18 inch DIP FM in Miami Lakes	2,323,333
	4.8	Rehabilitation of 54 inch PCCP FM in the City of Miami	10,842,213
	4.9	Replace Approximately 30 miles of AC FM Transmission System	52,708,893
	4.10	Opa-Locka Airport 48" PCCP force main replacement	23,668,622
Subtotal:			423,707,208
Sewer Pump Station Systems	5.1	Upgrade of PS#0418	23,877,869
	5.2	Upgrade of PS#0691	6,007,492
	5.3	Upgrade of PS#0692	6,007,492
	5.4	Replacement of Switchgear PS#0414	1,481,438
	5.5	Replacement of Switchgear and Rehabilitation of Wet well PS#0415	4,805,995
	5.6	Replacement of Switchgear PS#0416	1,481,438
	5.7	Replacement of Switchgear and Rehabilitation of Wet well PS#0417	3,203,999
	5.8	Replacement of Electrical and Mechanical Equipment in PS#0107	4,004,992
	5.9	Replacement of Plumbing and Electrical Equipment at PS#0301	4,543,072
	5.10	Upgrade of PS#0488	2,962,877
	5.11	Installation of 60 inch FM from Kendall Dr to PS#0536	5,925,746
	5.12	Replacement of Switchgear at PS#0187	3,555,449
	5.13	Refurbish Emergency Generators and Controls at Regional Pump stations	3,054,141
	5.14	Upgrade of PS #0086, 0492	2,127,389
	5.15	Upgrade of PS #0065, 0201, 0334, 0374, 0607	5,835,671
	5.16	Upgrade of PS #00198, 0437, 0466, 0680	3,806,369
	5.17	Upgrade of PS #0037, 0351, 0370, 0403	5,371,342
	5.18	Upgrade of PS #0441, 0491, 0710, 0827, 0852, 1236	7,526,751
	5.19	SCADA RTU Upgrades	10,003,462
Subtotal:			105,582,981
Total:			1,550,634,370