PORT WASHINGTON WATER POLLUTION CONTROL DISTRICT
Capital Improvement Bond Issue 2023
Cost Estimate

Description of Work	Estimated Construction Cost[1,2,3]
Wastewater Treatment Plant Improvements	
RAS Pumping System Upgrade including Valves and Piping	$737,500
Rehabilitation/Upgrade of District Laboratory	$550,000
Rehabilitation of Administration Building - Architectural Improvements/ MEP	$3,662,500
Replacement of Plant Main Electrical Switchgear	$2,562,500
New Access Road	$1,462,500
Plant Drainage	$925,000
Effluent Plant Water System Upgrade including UV Disinfection	$1,125,000
WWTP Security (new electric actuated access road gates, new locks for WWTP building, additional cameras, and expand the District's Electronic key system for all access points)	$375,000
WWTP Improvements Total:	**$11,400,000**
Collection System Improvements - Gravity Sanitary Sewer	
Lining of Sanitary Gravity Pipe and Piping in locations of deficient pipe (~8,300 LF of 8" to 24" pipe)	$6,600,000
Gravity Sanitary Sewer Total:	**$6,600,000**
Collection System Improvements - Pump Stations	
Pump Station "A"	
Emergency Generator System Replacement	
MCC Replacement - including main breaker, ATS, etc.	
Wet Well Lighting Replacement	
Subtotal:	$1,370,000
Pump Station "B"	
Replacement of Superstructure Door System (1 door)	
Emergency Generator System Replacement	
Pneumatic Ejector System Replacement with Submersible Station	
MCC Replacement - incoming main breaker, ATS, etc.	
Electrical Service Upgrade	
6" Dia. 400 LF Force Main Replacement	
Subtotal:	$4,800,000
Pump Station "C"	
Replacement/Upgrade Main Sewage Pump System/Valves/Piping	
New Pump Controls	
Replace Grinder with Mech Bar Screen Systems	
Wet Well Lighting Replacement	
Wet Well Ventilation Improvements (Includes Odor Control)	
Subtotal:	$3,800,000

Description of Work	Estimated Construction Cost[1,2,3]
Pump Station "D"	
Full Station Rehabilitaiton including Conversion of the Dry Pit Pump Station to a	
Subtotal:	$7,880,000
Pump Station "E"	
New Pump Controls	
Subtotal:	$200,000
Pump Station "F"	
Wet Well Supply and Exhaust Ventilation System Replacement	
Replace/Upgrade Main Sewage Pump System/Valves/Piping	
New Pump Controls	
Replace Grinder System with a Mechanical Bar Screen System	
Misc. Demolition - i.e. Heating System	
Architectural Improvements	
Subtotal:	$4,100,000
Pump Station "H"	
Wet Well Hatch Replacement	
Replacement/Upgrade of Main Sewage Pump System/ Valves and Piping	
Main Sewage Pump Controls	
MCC Replacement - including main breaker, ATS, etc.	
Wet Well Lighting Replacement	
Subtotal:	$2,240,000
Pump Station "J"	
Bypass Valve/connection replacement and Chamber Hatch (includes bypassing FM)	
MCC Replacement - including main breaker, ATS, etc.	
Wet Well Lighting Replacement	
Subtotal:	$870,000
Pump Station "L"	
Replacement of Entire Station with a submersible Pump Station and 500 LF FM.	
Subtotal:	$3,670,000
Pump Station "N"	
Sitework	
Replacement of Entire Station with a Submersible Pump Station including 300 LF 4" ACP	
Subtotal:	$3,190,000
Pump Station "O"	
Full Roof Replacement (Per District, Asbestos)	
Main Sewage Pump Replacement	
Main Sewage Pump Controls	
Wet Well Access Improvements	
Manual Bar Screen	
Subtotal:	$1,780,000

Description of Work	Estimated Construction Cost[1,2,3]
Pump Station "P"	
Replacement/Upgrade of Main Sewage Pump System/Valves and Piping	
Main Sewage Pump Controls	
Replacement of Existing ATS and Main Breaker	
Subtotal:	$5,600,000
Pump Station "R"	
Emergency Generator System Replacement	
Subtotal:	$740,000
Moorewood Oaks Pump Station	
Replace Conduit from box to wet well for easier pump removal/maintenance	
Subtotal:	$50,000
Collection System Improvements Total:	**$40,300,000**
Subtotal:	**$58,300,000**
Bonding Amount Use: $59,000,000	

1. Midpoint of Construction is estimated for March 2025
2. Due to the Covid-19 Pandemic, labor shortages, natural disasters, political unrest,back-ups at ports worldwide the "great resignation", nickel shortage, inflation, fuel price increases, resin shortages, microchip shortages, etc., the current bidding environment is extremely volatile. As a result, the total estimated construction costs is subject to change.
3. Costs includes a bonding contingency and soft costs