

18 Month Lookahead: Upcoming Competitive Sealed Bids (CSBs)

Contract #	Description	Anticipated Release: Fiscal Quarter / Year	Procurement Type	Cost Range
CRO-569	Highlands Consolidated Facility. The intent of this project is to consolidate 6 existing facilities and deliver a new, modern, efficient, central operations facility for the BWS Highlands Region. The 6 existing facilities are located in Dutchess, Putnam, and Westchester Counties of New York State. They are the Hudson River Pumping Station, Delaware Aqueduct Shaft 10 trailer complex, Carmel Barn, Croton Lake Gatehouse, Katonah Office and Cross River Fleet Garage. This facility shall incorporate workshops, vehicle repair garage bays, offices, meeting room, file storage and all amenities and utilities required for a modern centralized operations facility.	Q2/2024	General Construction	\$2M-\$3M
PR-135	Power Distribution Improvements at the Port Richmond WRRF. The Port Richmond Wastewater Resource Recovery Facility (WRRF) in Staten Island was built in 1953 to provide primary treatment to northern Staten Island. The plant was upgraded in the 1970's to meet Interstate Sanitation Commission requirements for Class B water by providing secondary treatment and to accommodate a growing population by increasing plant capacity from 15 MGD to 60 MGD. The power distribution system at the PR WRRF includes a 4,160V outdoor substation, 4,160V indoor switchgear, backup generators, and numerous Motor Control Centers ("MCCs") throughout the WWTP. The equipment is approaching the end of its useful life and currently presents operational and reliability issues and does not meet present Code requirements. Power to the PR WWTP outdoor substation is supplied by a Consolidated Edison (Con Ed) owned substation via two Con Ed 33KV feeders (Feeders No. 1 and No. 2) to two 33KV/4,160V transformers. Outdoor non-automatic breakers A and B feed a 4,160V indoor distribution switchgear located on the first floor of the Administration Building through breakers No. 7 and No. 9. The indoor distribution switchgear feeds the Main Sewage Pumps (MSPs), Process Air Blowers, and Gallagher MCCs, MCC-A, MCC-B, and MCC-C. Backup power at the PR WRRF is currently provided by two 4,160 Volt generators (an older trailer mounted generator and a newer stationary generator). The newer generator is equipped with a synchronizing bus, but it's not synchronized with the older generator. Additional backup power is provided by one 150KW, 480V, 3-phase generator. The 480V generator and battery room are currently located in the basement of the Administration Building, leaving them susceptible to flooding. One 275 gal oil tank supplies diesel fuel to all generators. The outdoor substation and indoor distribution switchgear units are no longer manufactured. This makes it difficult to find replacement parts and compromises the safe operation of the equipment. Additionally, the substation and switchgear have a number of deficiencies including leaking enclosures, lack of redundancy, and corroded wiring. This project will address and resolve those issues.	Q2/2024	General Construction	\$65M-\$70M
OB-144A	Construction of Disinfection Facility at Oakwood Beach WWTP. This project is a rehabilitation of the disinfection system at Oakwood Beach WWTP. This project includes structural repairs to the Chlorine Contact Tanks, repairs to gates in the chlorine contact tanks, and rehabilitation of the hypo storage and feeding system. Associated equipment and all controls will be replaced in the project area.	Q2/2024	General Construction	\$12M-\$14M
CRO-644	Cross River Inlet Bridge Rehabilitation. This project will replace the existing Cross River Bridge which is a concrete single span, two lane bridge located along Old Post Rd/State Route 121 approaching the intersection with Cross River Road in the Town of Lewisboro, Westchester County.	Q2/2024	General Construction	\$20M-\$22M
OB-143	Dewatering Expansion at Oakwood Beach WRRF. This project will provide design, construction management, and construction services for the upgrade of dewatering facility at Oakwood Beach Wastewater Resource Recovery Facility (OB WRRF). This project will address the aged condition of the system, allow proper dewatering operations at Staten Island, and expand capacity to match future needs. This project is crucial to optimizing DEP sludge processing (Solids Production Plan), and also supports sustainability goals, such as the OneNYC 2050 Strategic Plan and the DEP Energy & Carbon Neutrality Plan (ECN 2050).	Q2/2024	General Construction	\$70M-\$80M
SEQG-01	Construction of Green Infrastructure in Southeast Queens. This project will install Construction of Right of Way Bioswales, Right of Way Greenstrips, Stormwater Greenstreets, and Precast Porous Concrete in Southeast Queens in an effort to reduce stormwater entry into the Combined Sewer System.	Q3/2024	General Construction	\$20M-\$22M
GKOH15-1A	Construction of Green Infrastructure in Gravesend Bay CSO Tributary Area. This project will install Construction of Right of Way Bioswales, Right of Way Greenstrips, Stormwater Greenstreets, and Precast Porous Concrete in the Gravesend Bay area in an effort to reduce stormwater entry into the Gravesend Bay CSO System.	Q2/2024	General Construction	\$19M - \$21M
BB-236	Reconstruction of Grit Washers at Bowers Bay Wastewater Resource Recovery Facility. This project is to provide construction services for the replacement of the existing four grit washers including the eight cyclone degritters, 6" drain valve, the motor, and any other appurtenances.	Q2/2024	General Construction	\$5M-\$6M
CRO-590	Jerome Park Gate House #7 Sluice Gate and Operator Replacement. This contract includes the replacement of seven (7) sluice gates in GH7 (3 in the west chamber; 4 in the east), electric actuators for the west gates; the installation of an automatic screening system at GH5 and 13 new electric actuators for the GH5 gates, and a new girder top-running bridge crane (2 tons).	Q2/2024	General Construction	\$14M-\$16M
CRO-594	Design and Investigation of the UV Foundation Drain MH Phase 2. The existing foundation drain system was installed to manage the ground water and prohibit it entering the Cat/Del UV facility. The outfall of this drain is governed by a SPDES Permit. BWS has received an NOV for 2 inadvertent turbid discharges that occurred while jet and mechanical flushing of the drain pipe to remove the clog in the pipe. The piping is being compromised by calcium carbonate which is precipitating out of the water and adhering to the walls of the drain pipe. The existing system does not include properly sized manholes to facilitate the use of a sewer type flusher truck which is needed for this type of operation. Based on the clogging history of this line, this flushing operation will be required every 6 months. One solution to be evaluated is the installation of access manholes which will provide us with the ability to avoid future non-compliant discharges. In an effort to address the current DEC notice of violation this project will be done in two phases. Under phase 1, we will install one manhole and modify the existing manhole located in close proximity to Rte.100 C. Phase 2 will consist of an investigation, evaluation and ultimately a design to mitigate the issues with the foundation drain system and management of the ground water at the UV facility site. The 4 requested additional manholes as recommended by would be evaluated. Alternatives foundation drain systems should be considered. The drain system shall consider the current site conditions and future conditions that may change as a result of the siting and construction of the KEC and Eastview Connection Chamber.	Q2/2024	General Construction	\$2M-\$3M
WFF-CPR	Water Efficiency Upgrades at Central Park Recirculation Facility	Q3/2024	General Construction	\$14M-\$16M
JA-187	Replacement of Main Sewage Pump Controls at Jamaica Wastewater Resource Recovery Facility	Q2/2024	General Construction	\$5M-\$6M
HP-242-L	Reconstruction of Seawall/Sludge Loading Dock at Hunts Point Wastewater Resource Recovery Facility. This project is for reconstruction of the dock system at Hunts Point Wastewater Resource Recovery (HP WRRF). This project includes rehabilitating the deteriorating fender, bulkhead, and dolphin sections. The dock is a vital & critical component of the infrastructure required for the citywide sludge management program by the New York City Department of Environment Protection (NYCDEP). This project will address the deteriorating dock and improve the marine operation at the HP WRRF. This upgrade is necessary to reduce risk of transhipment failure. A complete, fully functional dock system is crucial to achieving a State of Good Repair.	Q2/2024	General Construction	\$4M- \$5M
GI-TIBBET	The construction of a diversion chamber over the Jerome Park Reservoir (JPR) discharge pipe as part of the overall Tibbetts Brook Daylighting Project (managed by BEPA). The structure will be passive in operation, maintain the capability of discharging water to the existing Broadway sewer line, have a mechanical means of stopping flow to the Harlem River, be accessible for inspection and maintenance purposes, and contain instrumentation that can alert CFP operators of abnormal operating conditions	Q2/2024	General Construction	\$50M - \$55M
PS-348	Rehabilitation of Damaged North River Interceptor	Q2/2024	General Construction	\$4M- \$5M
GI-CONS-S	Construction of Green Infrastructure at NYC Department of Education sites in the Boroughs of Brooklyn, Queens, and the Bronx. This project will install Construction of Right of Way Bioswales, Right of Way Greenstrips, Stormwater Greenstreets, and Precast Porous Concrete at various NYCDOE site in Brooklyn, Queens and the Bronx in an effort to reduce stormwater entry into the Combined Sewer System.	Q1/2024	General Construction	\$22M - \$25M
DEP-LAB	Relocation of NYCDEP Laboratory. The Department of Environmental Protection is requesting the relocation of the laboratories located at Lefrak due to the ongoing issues with the building. This projects primary goal is to move various DEP lab departments from 96-05 Horace Harding Expressway to a new leased facility in Long Island City. The driving forces behind this move are the: the lease expiring at Horace Harding, the end of life of the existing equipment that requires significant capital expenditure to replace, the need to expand the lab space to meet mandated testing requirements, and to move to a facility that provides us more control and flexibility in how the space is built out, used and maintained.	Q2/2024	Facility Constuction	\$70M - \$77M
NR-141	Reconstruction of the Final Tanks at North River Wastewater Resource Recovery Facility	Q2/2024	General Construction	\$8M - \$9M
NR-117	Upgrade of Fire Protection System at the North River WRRF. This project is to provide facility planning, design, construction, and construction management services for the upgrade of the fire protection system at the North River WRRF (NR WRRF). A fire protection system is a regulatory requirement that aids with fire detection and suppression to protect the facility, its equipment, and occupants. This upgrade is necessary for the NR WRRF to comply with applicable codes & standards for fire protection systems. A complete, fully functional code-compliant fire protection system is crucial to the safety of plant personnel and to prevent fire damage to critical wastewater treatment process equipment.	Q1/2024	General Construction	\$36M - \$40M
ID21-PUMP	Rehabilitation of Various Pump Stations damaged due to Hurricane Ida. This project is to provide preliminary design, design, construction management, and construction services for the rehabilitation of various pumping stations that were damaged by Hurricane Ida.	Q3/2024	General Construction	\$5M-\$6M
PW-FOAM	Replacement of Spread Foam Insulation over Digester & Thickeners. This project is to replace the coated foam insulation of digester & thickener tanks at Owls Head & Port Richmond Wastewater Resource Recovery Facilities (OH & PR WRRFs). This project will address the deteriorating insulation and improve the solids handling operation at both WRRFs. This replacement is necessary to reduce risk of process failure. A complete, fully functional solids handling system is crucial to achieving a State of Good Repair.	Q3/2024	General Construction	\$5M-\$6M
PW-SCADA	Installation of New SCADA System at Various DEP Facilities. This project is to provide preliminary design, design, construction, and construction management services to upgrade and integrate a Supervisory Control and Data Acquisition (SCADA) system at various Wastewater Resource Recovery Facilities (WRRF) and Pump Stations (PS). SCADA system performs monitoring, data logging, alarming and diagnostic functions so that large, complicated process systems can operate in a safe manner without the need for continuous interaction from facility personnel. Deployment and integration of a SCADA system will improve operations, reduce maintenance costs, and provide accurate process controls to address TRC and other related regulatory requirements.	Q3/2024	General Construction	\$5M-\$6M