

Memorandum



Date: October 6, 2026

To: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

From: Daniella Levine Cava 
Mayor

Subject: Resolution Ratifying the Award of Construction Contract No. S-966, North District
Wastewater Treatment Plant High Level Disinfection Facilities with Poole & Kent
Company of Florida

Agenda Item No. 8(O)(4)

Executive Summary

This item seeks ratification by the Board of County Commissioners (the Board) of the action of the County Mayor or County Mayor's designee approving the competitive award of Construction Contract No. S-966 (the Contract) for the *North District Wastewater Treatment Plant High Level Disinfection Facilities* (the Project) with Poole & Kent Company of Florida (the Contractor). The Contract is for an amount not to exceed of \$100,977,000.00 and a total Contract term of 1,086 calendar days. **The Contractor was the lowest responsive and responsible bidder and submitted a bid that was approximately 13% below the Engineer of Record's Opinion of Probable Construction Cost.**

The Contractor will construct the new High-Level Disinfection (HLD) Facilities at the Miami-Dade Water and Sewer Department's (WASD) North District Wastewater Treatment Plant (NDWWTP). The Project will provide the infrastructure necessary to support enhanced wastewater treatment and disinfection and includes a new filtration disinfection system, an HLD flow metering facility, a disk filtration structure, two HLD substations, four chlorine contact basins, an HLD lift station, and a sodium hypochlorite storage and feeding facility. The Project will reduce the volume of treated wastewater currently discharged through the ocean outfall by providing an alternative effluent disposal method through municipal injection wells.

This Project is necessary to meet the requirements of the State-mandated Ocean Outfall Legislation (OOL) pursuant to section 403.086(9) of the Florida Statutes, which requires the elimination of the normal use of ocean outfalls. Under my Administration, WASD continues to accelerate its infrastructure improvement projects to comply with mandated regulatory programs and, as a result, the County's progress toward completion of the OOL Program has accelerated from 12% to 49.9%.

Recommendation

It is recommended that the Board ratify the action of the County Mayor or County Mayor's designee, as authorized under Section 2-8.2.12 of the Code of Miami-Dade County (WASD's Acceleration Ordinance), for the funded Project identified below and on Exhibit A.

Scope

The Contract will be performed at WASD's NDWWTP, located at 2575 N.E. 156 Street, in Commission District 4, which is represented by Commissioner Micky Steinberg.

Delegation of Authority

The Contract was awarded pursuant to WASD's Acceleration Ordinance, which delegates authority to the County Mayor or County Mayor's designee to award certain projects, and, among other things, negotiate

and settle claims and execute change orders that do not exceed ten percent (10%) of the base contract amount subject to ratification by the Board.

Fiscal Impact/Funding Source

The fiscal impact to the County will be \$100,977,000.00 and will be funded out of WIFIA Loans, Wastewater Special Construction Fund, Future Subordinate Debt, Future WASD Revenue Bonds, and Wastewater Connection Charges. There is no impact to the General Fund. The Project is in WASD's Fiscal Year 2026-2027 Proposed Budget and Multi-Year Capital Plan, under Ocean Outfall Legislation Program, Capital Program #962670, Volume #3, Page #128.

Track Record/Monitoring

WASD's Deputy Director of Planning, Regulatory Compliance and Capital Infrastructure, Marisela Aranguiz-Cueto, P.E., will oversee implementation of this Contract.

Due Diligence/Safety Information

Due diligence was conducted by WASD in accordance with the County's Procurement Guidelines to determine responsibility, including verifying corporate status; performance; safety record, including Occupational Safety and Health Administration (OSHA) records; and compliance data. The lists that were reviewed include: convicted vendors, debarred vendors, delinquent contractors, suspended vendors, and federal excluded parties. There were no adverse findings related to the Contractor's responsibility. This information is being provided pursuant to Resolution No. R-187-12 and Resolution No. R-1181-18.

Background

On September 3, 2014, the Board approved Ordinance No. 14-77 authorizing the County Mayor or County Mayor's designee to award contracts for funded capital projects and related goods and services, and to accelerate the approval of WASD's (1) Consent Decree projects and (2) projects identified in WASD's Multi-Year Capital Plan's Capital Improvement Program without the need for prior Board approval but subject to ratification by the Board.

The Project is required for compliance with the OOL and will reduce the flow currently being discharged through the Ocean Outfall. It will also reduce nutrient discharge through the installation of municipal injection wells that will provide effluent disposal. The Project includes the construction of a new filtration disinfection system, HLD flow metering facility, a disk filtration structure, two HLD substations, four chlorine contact basins, a sodium hypochlorite storage and feeding facility, and an HLD lift station at the NDWWTP. It also includes all associated site work.

The Contract is for an amount not to exceed of \$100,977,000.00, with a total Contract period of 1,086 calendar days, which consists of 958-calendar days to Substantial Completion, 987-calendar days to Final Completion, and a 99-calendar day Contingency Time Allowance. The award was filed on October 30, 2025, and the Contract was fully executed and attested by the Clerk of the Board on June 2, 2026.

Exhibit A contains the details of the competitively bid award for which ratification is being requested, including the information bulleted below:

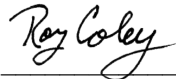
- Item Number
- Department Name
- Type of Solicitation
- Contract Type
- Contract No. / Project No.
- Project Name

Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners
Page 3

- Firm Awarded
- Commission District
- Contract Amount
- Funding Source(s)
- Operations and Maintenance Costs
- Estimated Start Date/Estimated End Date
- Contract Measures: Small Business Enterprise (SBE) Goods & Services; SBE-A/E; SBE-Construction; and CWP Program
- Brief Project Description

Attached as Exhibit B is the recommendation to award the Contract. A copy of the Contract for this Project is available upon request from the Construction Contracts Division of WASD.

Attachments



Roy Coley
Deputy Mayor

Exhibit A

Ratification of Contract Awards Authorized by the WASD Accelerate Ordinance

Item No.	Dept. Name	Type of Solicitation	Contract Type	Contract No.		Project Name	Firm Awarded	Commission District	Contract Amount	Funding Source(s)	Operations and Maintenance Costs	Contract Measures				Est. Start Date	Est. End Date		Brief Project Description
				Contract No.	Project No.							SBE Goods & Services	SBE A/E	SBE Construction	CWP Program				
1	WASD	County Bid Process	Construction Contract	Contract No. S-966		North District Wastewater Treatment Plant High Level Disinfection Facilities	Poole & Kent Company of Florida	District 4	\$100,977,000.00	WIFIA Loan, Wastewater Special Construction Fund, Future Subordinate Debt, Future WASD Revenue Bonds, and Wastewater Connection Charges	Operations Cost: \$3,300,000 per year; and Maintenance Cost: \$250,000 per year	n/a	n/a	n/a	n/a	Estimated Notice to Proceed Date: June 15, 2026 Completion Date: February 26, 2029 (total contract period is 1,086 days)			The Contract's work consists of: Construction of new High-Level Disinfection (HLD) Facilities on the Southwest corner of the existing North District Wastewater Treatment Plant (NDWWTP) (the Project). The Project is required for compliance with the Ocean Outfall Legislation and will reduce the flow currently being discharged through the Ocean Outfall and will reduce nutrient discharge through the installation of municipal injection wells that will provide effluent disposal.

Total Dollar Value of Award: \$100,977,000.00

MDC004

EXHIBIT B

Memorandum



Date:

To: Jay J. Fink, PE, Director
Water and Sewer Department

From: Frances G. Morris, Chief Financial Officer
Water and Sewer Department

Subject: Award Recommendation for North District Wastewater Treatment Plant High Level Disinfection Facilities, Contract No. S-966

Executive Summary

This memorandum seeks approval to award Construction Contract No. S-966, North District Wastewater Treatment Plant High Level Disinfection Facilities (the Contract), to the lowest responsive and responsible bidder, Poole & Kent Company of Florida (Poole & Kent). This project is for the construction of new High-Level Disinfection (HLD) Facilities on the Southwest corner of the existing North District Wastewater Treatment Plant (NDWWTP) (the Project). The Project is required for compliance with the Ocean Outfall Legislation and will reduce the flow currently being discharged through the Ocean Outfall and will reduce nutrient discharge through the installation of municipal injection wells that will provide effluent disposal.

Recommendation

It is recommended that Contract No. S-966 be awarded to Poole & Kent for a total compensation amount of \$100,977,000.00, with a total Contract period of 1,086 calendar days, which consists of 958 calendar days to Substantial Completion, 987 calendar days to Final Completion, and a 99-day Contingency Time Allowance.

Scope

This Contract will be performed at the NDWWTP, located at 2575 N.E. 156 Street, North Miami, Florida 33160, in District 4, which is represented by Commissioner Micky Steinberg.

Delegated Authority

This Project is a Capital Improvement Contract being processed under Section 2-8.2.12 of the Miami-Dade County Code (WASD's Acceleration Ordinance). Pursuant to Sections 2-8.2.12 (4)(d) and (e) of the Code, the County Mayor or County Mayor's designee has the authority to, among other things, amend and/or extend the Contract to complete any unfinished work, waive liquidated damages, negotiate and settle claims, and execute change orders that do not exceed ten percent (10%) of the base Contract amount, subject to ratification by the Board of County Commissioners (Board).

Fiscal Impact/Funding Source

The fiscal impact to the County is \$100,977,000.00, which WASD has determined is a fair and reasonable amount for the Project's defined scope of work.

The Project is in the Fiscal Year 2025 – 26 Adopted Budget and Multi-Year Capital Plan.

- Funding will be provided from Capital Program #962670, Ocean Outfall Legislation Program, Volume 3, Page 106.

MDC005

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Circuit & County Courts
Miami-Dade County, Florida
FILED FOR RECORD
1:57:44 PM, 10/30/2025
CLERK OF THE BOARD

- The funding sources are WIFIA Loan, Wastewater Special Construction Fund, Future Subordinate Debt, Future WASD Revenue Bonds, and Wastewater Connection Charges.
- The funding sources do not include Building Better Communities – General Obligation Bond (BBC-GOB) funding and do not impact the General Fund.
- The life expectancy of the work is 25 years.
- Annual Operations Cost Impact / Funding: \$3,300,000 per year. The funding source for the operating impact is WASD Operating Revenues.
- Annual Maintenance Cost Impact / Funding: \$250,000 per year. The funding source for the maintenance impact is WASD Operating Revenues.
- The Project includes the Inspector General (IG) Fee and does not include Art in Public Places.

Vendor Selection & Track Record

On August 6, 2025, WASD received and opened five (5) bids in response to the May 22, 2025 advertisement for an open competitive solicitation for the Contract.

Company Name	Base Bid	Total Bid*
Poole & Kent Company of Florida	\$83,200,000.00	\$100,977,000.00
Lemartec Corporation	\$87,061,721.18	\$105,456,596.57
Daniel O'Connell's Sons	\$105,600,000.00	\$126,961,000.00
Thalle Construction	\$109,380,000.00	\$131,345,800.00
Posillico – OEC Joint Venture	\$120,513,750.00	\$144,260,950.00

*Total bid includes contingency & dedicated allowances

The following due diligence was performed to determine that Poole & Kent was the lowest responsive and responsible bidder:

- There were no contract measures assigned to the Contract. The Project Worksheet is attached to this memo as Exhibit A.
- Black & Veatch, the Engineer of Record (EOR), reviewed the bid submission and, on August 29, 2025, determined that the low bid was acceptable as submitted and that Poole & Kent satisfied the requirements of the solicitation. The EOR letter is attached to this memo as Exhibit B.
- Pursuant to Resolution No. R-187-12, WASD performed a review of the vendor information in the Business Management Workforce System (BMWS). WASD discovered no adverse information.
- According to the contractor history downloaded from the BMWS on September 4, 2025, Poole & Kent has been awarded 11 contracts from the County, with a total value of \$604,572,965.
- Poole & Kent has ninety (90) evaluations in the ISD Capital Improvement Information System (CIIS), with a rating of 3.5 out of a possible 4.0 maximum.

Considering the input of ISD and the EOR, WASD has concluded that the apparent lowest bidder, Poole & Kent, is both responsive and responsible. The total bid of \$100,977,000.00 is 13.06% below the EOR's estimate of \$116,144,519.00; the bidder has a 3.5 rating in CIIS; and there are no protests, thereby qualifying for an award under the Acceleration Ordinance, subject to ratification by the Board. Therefore, it is recommended that Contract No. S-966 be awarded to

Poole & Kent for a total compensation amount of \$100,977,000.00, with a total Contract period of 1,086 days. The proposed Contract, signed by Poole & Kent is attached to this memo as Exhibit C.

WASD Contract Monitor

WASD Deputy Director, Planning, Regulatory Compliance and Capital Infrastructure, Marisela Aranguiz-Cueto, P.E., will oversee the implementation of the Contract.

Background

The Project is required for compliance with the Ocean Outfall Legislation and will reduce the flow currently being discharged through the Ocean Outfall and will reduce nutrient discharge through the installation of municipal injection wells that will provide effluent disposal.

The Project includes the construction of a new filtration disinfection system, HLD flow metering facility, a disk filtration structure, two HLD substations, four chlorine contact basins, a sodium hypochlorite storage and feeding facility, and an HLD lift station at the NDWWTP. It also includes all associated site work.

Contract Manager Name/Phone/Email

Paul Adams / 786-863-9425 / paul.adams@miamidade.gov

Project Manager Name/Phone/Email

Mario Vargas / 786-552-8589 / mario.vargas@miamidade.gov

Applicable Ordinances and Measures

The table below depicts the applicable legislative policies.

Title	Legislation	Notations
Local Preference	Code Section 2-8.5	Applicable
Local Certified Veteran Business Enterprise Preference	Code Section 2-8.5.1	Applicable
Small Business Enterprise - Services	Code Section 2-8.1.1.1.1 & Implementing Order 3-41	No Measure
Small Business Enterprise - Goods	Code Section 2-8.1.1.1.2 & Implementing Order 3-41	No Measure
Sea Level Rise	Ordinance 14-79	Applicable
Sustainable Buildings Program	Implementing Order 8-8	Not Applicable,
Buy American Iron & Steel Procurement Program	Code Section 2-8.2.6.1	Applicable
Art in Public Places	Code Section 2-11.15	Not Applicable
Office of Inspector General Fee	Code Section 2-1076	Applicable
User Access Program	Code Section 2-8.10	Applicable

Project Chronology

Event	Projected Date
1. Pre-bid Meeting Date if applicable	6/3/2025
2. Bid opening date	8/6/2025
3. Planned Bid Award date	TBD
4. Planned pre-construction meeting	TBD
5. Planned Notice to proceed	TBD
6. Planned groundbreaking	TBD
7. Planned completion date	TBD

SIGNATURE PAGE

**North District Wastewater Treatment Plant High Level Disinfection Facilities,
Contract No. S-966**



David Clodfelter
OMB DIRECTOR

10/15/2025

DATE

Approved as to legal sufficiency



Assistant County Attorney

9/18/25

DATE



Jay J. Fink, PE, Director
on behalf of Mayor Daniella Levine Cava

10/29/25

DATE

Attachments



Exhibit A

Office of Small Business Development

Project Worksheet

Project/Contract Title: NDWWTP - High-Level Disinfection Facilities (NT-2C) **Received Date:** 5/5/2025

Project/Contract No: S-966 **Funding Source:** Other

Department: Water & Sewer

Estimated Cost of Project/Bid: \$105,950,130.00

Description of Project/Bid: As part of the Ocean Outfall Legislation Program, the Miami-Dade Water and Sewer Department (MDWASD) is proposing the construction of new High-Level Disinfection (HLD) Facilities on the southwest corner of the existing North District Wastewater Treatment Plant (NDWWTP). The HLD Facilities include a new filtration building, a chlorine contact, a sodium hypochlorite storage facility, a sanitary lift station, and an electrical substation that will serve the High-Level Disinfection facilities.

Contract Measures Recommendation		
Measure	Program	Goal Percent
No Measure	SBE - Goods & Services	
Reasons for Recommendation		
SMALL BUSINESS ENTERPRISE - GOODS & SERVICES (SBE-G&S). SBD reviewed this project pursuant to Implementing Order 3-41 for an SBE-G or SBE-S measure. Project information analyzed included the project's scope of services, estimated project cost, minimum requirements/qualifications and funding source. These indicate a No Measure is appropriate as there were no SBE-G&S subcontracting opportunities possible on this project.		

Living Wages: YES ☐ NO ☒ **Highway:** YES ☐ NO ☒ **Heavy Construction:** YES ☐ NO ☒

Responsible Wages: YES ☐ NO ☒ **Building:** YES ☐ NO ☒


SBD Director

5/16/2025
Date



August 29, 2025

Mr. Paul F. Adams,
Chief, Construction Contract Division
Miami-Dade Water and Sewer Department (WASD)
3071 SW 38th Avenue, Suite 107
Miami, FL 33146

RE: S-966 - NT-2C - NDWWTP - HLD Facilities

Dear Mr. Adams:

The bid opening for Contract No. S-966, Miami-Dade Ocean Outfall Legislation (OOL) Program Project NT-2C, High Level Disinfection (HLD) Facilities, was held on August 6, 2025, at 2:30 PM via MS Teams. Table 1 below summarizes the bid amounts for all bids received, where Poole & Kent Corporation of Florida (PKCOF) presented the lowest Base Bid and Total Bid cost.

Table 1 – Bid Tabulation Summary

Company	Base Bid	Total Bid Cost*
Poole & Kent Company Florida	\$83,200,000.00	\$100,977,000.00
Lemartec Corporation	\$87,061,721.18	\$105,456,596.57
Daniel O'Connell's Sons	\$105,600,000.00	\$126,961,000.00
Thalle Construction Company	\$109,380,000.00	\$131,345,800.00
Posillico - OEC Joint Venture	\$120,513,750.00	\$144,260,950.00

*The total bid cost includes a contingency allowance and dedicated allowances.

At the request of the Miami-Dade Water and Sewer Department (WASD), Black & Veatch (BV), as the Engineer of Record (EOR), proceeded to review the bid results and compliance with the required qualifications and experience.

Bid Review

The Engineer's Opinion of Probable Construction Cost (OPCC), initially developed for Bid Advertisement in April 2025 and subsequently updated during the procurement process in July 2025, estimated the Base Bid at \$96,272,290 and the Total Bid Cost, including contingency and dedicated allowances, at \$116,144,519.

According to the guidelines of the Association for the Advancement of Cost Engineering (AACE), a Class 1 cost estimate typically has an expected accuracy range of -3% to -10% on the low side and +3% to +15% on the high side. As shown in Table 2, PKCOF bid is 13.06% lower than BV's OPCC. However, the average of all bids received is 4.87% higher than the estimate which supports the accuracy of BV's OPCC.

Table 2 – Bid Percentage

Company	Total Bid Cost*	Total Bid Cost Compared to Engineer's OPCC
Poole & Kent Company Florida (Lowest Bidder)	\$100,977,000	-13.06%
Average of all Bids	\$121,800,269.31	+4.87%

*The total bid cost includes a contingency allowance and dedicated allowances.

Table 3 below provides a breakdown of PKCOF's bid compared to the average for the other bids and the Cost estimate provided by BV in July of 2025.



BLACK & VEATCH

Black & Veatch Corporation
2121 Ponce de Leon Blvd. Suite 1100,
Coral Gables, FL 33134
P +1 (913)458-8514 E Boterol@bv.com

Table 3 – Bid Breakdown

Bid Item (A)	Description (B)	Engineer's OPCC (C)	Poole & Kent Bid Price (D)	Bidders Average (E)	Delta between Engineers Estimate and Bidders Average (C-E)	Delta between Engineers Estimate and Poole & Kent's Bid Price (C-D)
001	Mobilization & Demobilization	\$ 1,150,520.00	\$ 4,100,000.00	\$ 4,277,232.40	-\$3,126,712.40	-\$2,949,480.00
002	Sitework	\$ 2,059,820.00	\$ 500,000.00	\$ 3,145,317.46	-\$1,085,497.46	\$1,559,820.00
003	Yard Piping	\$ 10,245,580.00	\$ 9,000,000.00	\$ 6,568,318.75	\$3,677,261.25	\$1,245,580.00
004	Sitewide Electrical	\$ 2,099,890.00	\$ 3,000,000.00	\$ 2,345,343.27	-\$245,453.27	-\$900,110.00
005	Sitewide Instrumentation & Control	\$ 2,089,380.00	\$ 1,000,000.00	\$ 1,474,764.45	\$614,615.55	\$1,089,380.00
006	Sodium Hypochlorite Storage & Feed Facility	\$ 8,569,060.00	\$ 4,500,000.00	\$ 7,769,503.97	\$799,556.03	\$4,069,060.00
007	Filter Structure	\$ 26,455,600.00	\$ 21,500,000.00	\$ 35,709,738.37	-\$9,254,138.37	\$4,955,600.00
008	Chlorine Contact Tanks	\$ 27,356,370.00	\$ 25,800,000.00	\$ 22,322,621.31	\$5,033,748.69	\$1,556,370.00
009	Substation HLD-1/HLD-2	\$ 12,464,440.00	\$ 9,000,000.00	\$ 7,907,389.78	\$4,557,050.22	\$3,464,440.00
010	Sanitary Lift Station	\$ 1,301,280.00	\$ 600,000.00	\$ 1,338,841.83	-\$37,561.83	\$701,280.00
011	Existing Sodium Hypochlorite Modifications	\$ 266,690.00	\$ 200,000.00	\$ 478,628.73	-\$211,938.73	\$66,690.00
012	Dewatering	\$ 2,213,660.00	\$ 4,000,000.00	\$ 7,813,393.92	-\$5,599,733.92	-\$1,786,340.00
-	Base Bid Total	\$96,272,290.00	\$83,200,000.00	\$101,151,094.24	-\$4,878,804.24	\$13,072,290.00

MDC011



Although some items in Table 4 deviate from the Engineer's OPCC, the sitework components (mobilization, sitework yard piping, site electrical, site I&C, dewatering) in aggregate vary only by 6.5% indicating overall balance in these elements. Most of the remaining bid items were below the Engineer's OPCC but remain within a reason range, which may suggest that this bidder found differentiating construction efficiencies to perform the work more cost-effectively.

Qualifications and Experience Review

BV reviewed PKCOF's initial submittal, including their qualifications and references. BV requested clarifications from PKCOF via letter dated August 18, 2025, and included as Attachment A. PKCOF responded in a letter dated August 21, 2025, and included as Attachment B.

Table 4 summarizes the qualifications and experience requirements along with BV's comments, confirming that all requirements have been met.

Table 4 –Evaluation of Qualifications and Experience Requirements

Minimum Construction Experience – From Contract Documents	BV Comments on Poole & Kent
SP 2.0 The Bidder shall submit, among other things, detailed information identifying all personnel to be utilized on this project and evidence with respect to the following: (a) Bidder has a well-trained and competent organization that has done work of similar character and value; (b) Bidder will have available to do the work at the proper time or times, adequate equipment, and facilities, listing such equipment and facilities in such detail that the information can be quickly and accurately checked; (c) If the Bidder is a corporation, the names of all corporate officers and the name of the executive who will give his personal attention to this work; and (d) Detailed financial information relating to the resources of the Bidder.	This has been satisfied by the submitted document S-966 PKCOF Quals and Experience.
1.06 A. With the bid, the successful Bidder shall submit proof that his/her firm has at least the minimum successful contract experience as required below for this CONTRACT being bid. Such proof shall consist of a list of projects, completed prior to the bid date, with the names and telephone numbers of the OWNERS or representatives that OWNER can contact to confirm the listed experience.	This has been satisfied by pages 7-11 of S-966 PKCOF Quals and Experience.
1.06 B. The Bidder shall have successfully completed a minimum of two (2) projects demonstrating experience with large wastewater treatment upgrade projects having a total construction value (for each project) of greater than \$75 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.	Projects CD 1.07 Digesters and Control Building Upgrades, Acid Phase and Substation 7 & 8, Contract No. S-897 and East Central Regional WRF Biosolids Improvement satisfy this requirement.
1.06 C. The Bidder's proposed project manager shall have successfully completed a minimum of two (2) projects demonstrating experience with large wastewater treatment upgrade projects having a total construction value (for each project) of greater than \$25 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.	If the proposed Project Manager Jason Padilla is selected, projects East Central Regional WRF Biosolids Improvement and Central District WWTP Industrial Injection Well Surface Facilities, Contract No. S-870 satisfy the requirement. If the proposed Project Manager Stephen Polk II is chosen, projects East Central Regional



Minimum Construction Experience – From Contract Documents	BV Comments on Poole & Kent
	WRF Biosolids Improvements and CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1-6, Contract No. S-922 satisfy the requirement.
1.06 D. The Bidder or the Bidder's Electrical Subcontractor shall have successfully completed a minimum of three (3) projects demonstrating experience procuring and installing main electrical equipment, medium and low voltage electrical power systems, including transformers and switchgear, with this work being performed while maintaining operations of a wastewater facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.	Projects Central District WWTP Industrial Injection Well Surface Facilities, Contract No. S-870, CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1-6, Contract No. S-922 , and CD 1.07 Digesters and Control Building Upgrades, Acid Phase and Substation 7 & 8, Contract No. S-897 satisfy this requirement.
1.06 E. The Bidder or Bidder's Electrical Subcontractor Lead Electrician shall have successfully completed a minimum of one (1) project demonstrating experience with medium or high voltage power supply systems, including transformers and switchgear, with this work being performed while maintaining operations of a wastewater facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.	Project CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1-6, Contract No. S-922 satisfies this requirement.
1.06 F. The Bidder or Bidder's Instrumentation and Controls Subcontractor shall have successfully completed a minimum of one (1) project demonstrating experience with instrumentation and controls including connections into an existing SCADA. The experience may be demonstrated by the general CONTRACTOR or a specialty sub- consultant for their discipline work, with this work being performed while maintaining operations of a wastewater facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.	Project NDWWTP Pretreatment Sludge Transfer Headworks Upgrade, Contract No. S-871 satisfies this requirement.
1.06 G. The Bidder or Bidder's HVAC Subcontractor shall have successfully completed a minimum of one (1) project demonstrating experience with HVAC equipment including cooling towers, with this work being performed while maintaining operations of wastewater facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.	Project CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1-6, Contract No. S-922 satisfies this requirement.
1.06 H. The Bidder's Environmental Consultant must successfully completed a minimum of two (2) projects that required the implementation of a Soil and Groundwater Management Plan and Dust Control Plan following RER requirements the Environmental Consultant shall be familiar with WASD'S Clean Fill Policy (EPG-46).	Hydrologic Associates projects Jackson Memorial Medical Center and University of Miami Hospital satisfy this requirement.
1.06 The Bidder must demonstrate that the company has full-time personnel with the necessary experience to perform the project's scope of work. This experience shall include identifying successfully completed projects where personnel have performed the bulk of the work, and which best illustrate their ability to perform the requested services while meeting project schedules and budgets.	This has been satisfied by the submitted document S-966 PKCOF Quals and Experience.

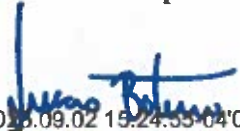


BLACK & VEATCH

Black & Veatch Corporation
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In summary, PKCOF meets the requirements outlined for Contract No. S-966, Miami-Dade Ocean Outfall Legislation (OOL) Program Project NT-2C, HLD Facilities, and it is therefore recommended for award as the lowest responsible bidder.

Very truly yours,
Black & Veatch Corporation


2013.09.02 19:24:55 -04'00'
Lucas Botero
Project Manager

cc: Andrea Suarez Abastida, PMP, OOL Deputy Program Manager
Abnery Picon, P.E., OOL Project Manager
Melissa Velez, P.E., BV Design Manager
Mario Vargas, P.E., WASD Project Manager

Building a World of Difference.

MDC014

APPENDIX "A"

**DEPARTMENT ENVIRONMENTAL RESOURCE MANAGEMENT
DADE COUNTY - NOTICE TO ALL CONTRACTORS**



August 18, 2025

Mr. Paul F. Adams,
Chief, Construction Contract Division
Miami-Dade Water and Sewer Department (WASD)
3071 SW 38th Avenue, Suite 107
Miami, FL 33146

RE: S-966 - NT-2C - NDWWTP - HLD Facilities

Dear Mr. Adams:

The bid opening for Contract No. S-966, Miami-Dade Ocean Outfall Legislation (OOL) Program Project NT-2C, High Level Disinfection (HLD) Facilities, was held on August 6, 2025, at 2:30 PM via MS Teams. At the request of the Miami-Dade Water and Sewer Department (WASD), Black & Veatch (BV) has initiated the evaluation of the proposal submitted by the lowest bidder, Poole & Kent.

BV has reviewed Poole & Kent's submittal, including their qualifications and references. However, to complete the bid evaluation and confirm compliance with the Bidder Qualifications and Experience Requirements, BV is requesting clarification on the items listed in Table 1 below.

Table 1 –Required Clarifications

Minimum Construction Experience – From Contract Documents	BV's Comments on Poole & Kent
Section 01 01 00, Item 1.06 C. The Bidder's proposed project manager shall have successfully completed a minimum of two (2) projects demonstrating experience with large wastewater treatment upgrade projects having a total construction value (for each project) of greater than \$25 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.	Please confirm who will serve as the proposed Project Manager for this project? <u>Both proposed project Managers Jason Padilla and Stephen Polk II are listed as the Project Manager for Project East Central Regional WRF Biosolids Improvements. Please clarify.</u>
Section 01 01 00, Item 1.06. The Bidder must demonstrate that the company has full-time personnel with the necessary experience to perform the project's scope of work. This experience shall include identifying successfully completed projects where personnel have performed the bulk of the work, and which best illustrate their ability to perform the requested services while meeting project schedules and budgets.	<u>No information addressing this requirement was included in the submitted bid documents. Please provide the necessary details.</u>



BLACK & VEATCH

Black & Veatch Corporation
2121 Ponce de Leon Blvd. Suite 1100,
Coral Gables, FL 33134
P +1 (913)458-8514 E BoteroL@bv.com

BV will proceed with completing the bid evaluation and recommendation once the above clarifications and any additional follow-up questions have been satisfactorily addressed.

Very truly yours,
Black & Veatch Corporation

Lucas Botero.,
Project Manager

cc: Andrea Suarez Abastida, PMP, OOL Deputy Program Manager
Abnery Picon, P.E., OOL Project Manager
Melissa Velez, P.E., BV Design Manager
Mario Vargas, P.E., WASD Project Manager

Building a World of Difference.

MDC017

APPENDIX "A"

**DEPARTMENT ENVIRONMENTAL RESOURCE MANAGEMENT
DADE COUNTY - NOTICE TO ALL CONTRACTORS**



Poole & Kent Company of Florida
1781 N.W. North River Drive
Miami, FL 33125
P.O. Box 420556
Miami, FL 33242
Phone: 305.325.1930

August 20, 2025

Miami-Dade Water and Sewer Department
3071 SW 38th Avenue, Suite 107
Miami, Florida 33146

Attn: Paul F. Adams, Chief, Construction Contracts Division
Email: Paul.Adams@miamidade.gov

Re: North District Wastewater Treatment Plant High Level Disinfection Facilities
Contract No. S-966
Black & Veatch Letter Dated August 18, 2025 Requesting Clarification of Bidder's
Qualifications and Experience

Mr. Adams,

Poole & Kent Company of Florida has received Miami-Dade Water and Sewer Department's (WASD's) email forwarding Black & Veatch's (B&V) referenced letter requesting clarification regarding Poole & Kent's Qualifications and Experience. Poole & Kent's bid included a sixty-five (65) page section titled **Poole & Kent Company of Florida | Qualifications and Experience** that demonstrates compliance with the Bidder Qualifications and Experience Requirements. This section has been extracted from the bid and page numbers have been added for ease of reference (see attached). Poole & Kent's response to B&V's comments follow.

Contract Document Requirement: Section 01 01 00, Item 1.06 C. The Bidder's proposed project manager shall have successfully completed a minimum of two (2) projects demonstrating experience with large wastewater treatment upgrade projects having a total construction value (for each project) of greater than \$25 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.

B&V Comments:

1. Please confirm who will serve as the proposed Project Manager for this project?
2. Both proposed project Managers Jason Padilla and Stephen Polk II are listed as the Project Manager for Project East Central Regional WRF Biosolids Improvements. Please clarify.

Poole & Kent Response:

1. Poole & Kent is proposing both Jason Padilla and Stehen Polk II with the intention of one (1) of them serving as Project Manager. The resumés of each one of them demonstrate that both Jason's and Stephen's experience exceed the qualification requirements. Jason has served as project manager on five (5) projects over \$25M and Stephen has served as project manager on four (4) projects over \$25M.

Excerpts from Jason Padilla's resumé, included with Poole & Kent's bid, follow.

S-993 PKCOF Quds and Experience.pdf

Poole & Kent
Contractors
An EMCOR Company

Jason Padilla
Proposed Project Manager



Position
Senior Project Manager

Education
Florida Atlantic University
B.S. Mechanical Engineering

Joined Firm
2004

Experience
21 years

Professional
Engineer Sustainability Professional

Training
OSHA 10/30 Hazardous Waste Site and Health

Relevant Responsibilities

- Project Planning
- Subcontractor Selection and Management
- Start-Up and Commissioning
- Material Procurement
- Shop Drawings and Submittal Processing
- Monthly Progress Reports
- Cost Control
- Subcontractor Coordination

Relevant expertise

- Environmental Projects
- Wastewater Facilities
- Chemical Facilities
- Mechanical Systems
- Water Treatment Plants
- Utility and Process and Related Equipment
- Testing Stations
- Electrical Systems
- HVAC Systems
- Pipe Installations
- Super Structures

Jason is a highly experienced Senior Project Manager with over 21 years in Florida's construction industry, specializing in complex water and wastewater infrastructure. Since joining the firm in 2004, he has led numerous high-value projects, including design-build and rehabilitation efforts, with a focus on operational continuity, technical precision, and stakeholder collaboration. His responsibilities span all phases of project execution, including material procurement, cost control, subcontractor coordination, schedule management, contract compliance, and quality assurance. Jason is known for his meticulous planning, hands-on leadership, and ability to navigate the challenges of active treatment facilities with minimal disruption.

SDWWTP ST-2A Headworks 3, O2 Trains 9 & 10, and Substation 57/58, Contract S-931 | Miami
This \$107.8 million project consists of the construction of new influent force main tie-in on SW 232nd Street, new influent metering valve box, a new headworks building (Headworks 3) with an attached odor control building, construction of two new oxygenation trains (Oxygenation Trains 9 and 10), construction of a new substation and electrical building, and the integration of these new structures with the rest of the operational facility.

CD 2.15(1) Plant 2 Cluster 1 Digester Upgrades, Contract S-889 | Miami
This \$26.4 million project included the replacement of all existing equipment, valves, piping; and appurtenances; electrical panels, conduits, cables, and lighting; instrumentation and controls; building mechanical; doors, windows and louvers within the digester Control Building and inside Digester Tank Nos. 1, 2, and 4; new digester covers for Digester Tank Nos. 1, 2, and 4; new valve vault for Digester Cluster 1, replacement of all digester header yard piping beyond the valve vault which connects the Plant 2 Digester Clusters (including sanitary, hot water supply, hot water return, thickened sludge, and digester gas yard piping beyond valve vault); extension of the existing Electrical Room at the Control Building; structural repairs to and recoating of Control Building and Digester Tank Nos. 1, 2, and 4; and demolition of existing electrical substation buildings in order to construct two new electrical substation buildings.

Headworks and Grit Removal Improvements at the ECRWRF | West Palm Beach
This \$6.4 million project included the demolition and removal of the three existing influent flow meters and installation of new influent flow meters and associated piping, electrical connection and instrumentation; refurbishment of drainage sumps in the influent meter vault and replacement of the two sump pumps, including removal and disposal of accumulated solids in the mixing chamber of the Headworks Structure. Demolition and removal of the five existing mechanically cleaned influent bar screens and installation of five new center flow band screens, including new compactors, shaftless screw conveyor, and associated piping, above ground electrical conduit, electrical panels and controls. Structural repairs and modifications to the influent screen channels and top slab to accommodate the new influent screens, including demolition of the existing Screenings Building and construction of a new Screenings Building and demolition and removal of the two existing grit pumps and replacement with two new grit pumps, including associated piping, valves, and electrical panels and controls. Demolition and removal of the two existing cyclone/classifiers and replacement with two new cyclone/classifiers, including associated piping, valves, and electrical panels and controls, including structural repairs to the interior concrete surfaces of the two existing grit chambers by recoating the influent screen channels, grit removal channels and grit chambers following structural repair. Installation of new manual slide gates in the grit chamber influent and effluent channels including, the installation of new odor control covers and handrail in the grit removal area along with modification of the existing electrical power distribution system to deliver power to the Headworks Structure from a common location and to achieve Class 1 reliability. Miscellaneous Sitework improvements, including new gravity drain piping, new process yard piping, new electrical conduit, grading and paving, this includes operation of the ECRWRF Influent Bypass Structure during the period that the Headworks Structure is off-line.

Page 1 of 4

Page 39 of 65

S-968 PKCOF Quals and Experience.pdf

CDWWTP Industrial Injection Well Surface Facilities, Contract S-870 | Miami

This \$25.9 million project involved furnishing and installing surface facilities for existing industrial injection wells at the Central District Wastewater Treatment Plant, located in Virginia Key. The project included furnishing all materials, labor, and equipment necessary to construct the Industrial Injection Well Pump Station, equipping two existing industrial injection wells with wellhead piping, equipping a monitoring well with wellhead piping, and installing piping and flow interceptor boxes to convey waste stream flows from five separate sources to the injection well pump station and to convey the pump station discharge to the two injection wells. It also encompassed all other appurtenant and miscellaneous items and work for a complete, functional, and satisfactory installation. The pump station was constructed as a two-story building with two below-grade wet wells and an influent channel. Construction of the below-grade wet wells required the design and construction of a cofferdam. The pump station featured a pump room that housed four medium voltage (4160 volt) vertical turbine pumps and associated piping, valves, and controls; an air-conditioned transformer room that contained four high voltage (13.2 KV) transformers; and an air-conditioned electrical room on the second floor that contained switchgear, MCCs, VFDs, and other electrical and control panels. Surge protection for the injection well system was provided by two hydropneumatic surge tanks with an associated air compressor system. The pipe diameters for the waste streams included 8", 16", and 48" ductile iron pipe and 10" HDPE pipe. Pump station discharge piping consisted of 30" and 42" ductile iron piping. Pump discharge was controlled by 30" rotary pump control valves with electric/hydraulic valve actuators operated by a hydraulic valve accumulator system. The injection wells consisted of a slab on grade with 24" ductile iron pipe, valves, a magnetic flow meter, and an air release valve. The monitoring well included two 1-horsepower horizontal centrifugal sampling pumps with 1 1/2" discharge piping and pressure and level instruments. High and medium voltage ductbanks were installed to connect the new pump station to the existing Main Switchgear Building.

EGR Wastewater Reclamation Facility Biosolids Improvements | West Palm Beach

This \$97 million project included converting Sludge Decant No. 1 to an Aerated Waste Activated Sludge (WAS) Storage Tank, including rehabilitation of the tank structure, installation of a new coarse-bubble diffused aeration system, and construction of a new blower building; converting Sludge Decant Tank No. 2 to a Centrate Equalization Tank, including rehabilitation of the tank structure, installation of mixing equipment and construction of a new equalized centrate return pump station; upgrades to the existing Gravity Belt Thickening Facility, including installation of new gravity belt thickener feed pumps, refurbishment of three gravity belt thickening systems, installation of a new gravity belt thickener, and installation of a new liquid polymer storage/feed system; a new Thickened Waste Activated Sludge Storage Tank, consisting of two cells, each equipped with a vertical mixer; a new Temperature-Phased Anaerobic Digestion Facility, including six (6) digesters, sludge pumping and heating equipment rooms, a boiler room, a digester gas compressor room, and waste gas burners; a new Digested Sludge Holding Tank, consisting of three cells, each equipped with a vertical mixer; a new Centrifuge Dewatering Facility; a three-story building containing four high solids centrifuges, four sludge cake storage hoppers, sludge cake conveying equipment, a two-lane truck loading station and a liquid polymer storage/feed system; two (2) new Septage Receiving Stations and a new FOG (fats/oils/greases) Receiving Station; a new Ferric Chloride Storage and Pumping Facility; new biosolids odor control facilities; converting the existing aerobic digester to Aeration Basin No. 1, including structural demolition, new baffle walls and walkways, a new fine-bubble diffused aeration system, anaerobic zone vertical mixers, and influent and effluent structures; sitework, including but not limited to, new gravity drain piping network, new storm water collection network, new process yard piping, grading, paving and striping; expansion of electrical power distribution system; expansion and upgrades to existing SCADA system; and demolition of existing infrastructure to facilitate new construction.

Water Treatment Plant UV System and Related Infrastructure | West Palm Beach

This \$25.5 million project consisted of the construction of a of a new process building south of the existing filters to house the new transfer pumps and associated wet well, UV disinfection system, and associated electrical, chemical storage and feed, interconnecting pipework, City's backup SCADA server and overhead doors for equipment access; Construction of a new reinforced concrete partially buried wet well structure with four new vertical turbine transfer pumps; Installation of UV System consisting of UV reactors containing three to five parallel units, including pipe fittings, isolation valves and flow meters. UV System also includes header and discharge pipework, valves and fittings; Construction of air conditioned electrical room to house the electrical equipment for the transfer pump and UV equipment, including 4160V/480V transformers, switchgear, motor control centers, variable frequency drives, uninterruptible power supply (UPS), new CP-2 RiO-5 control cabinet and transfer switches, and UV ballasts; Modifications to the West High Service Pump Station and construction of a suction header pipe through the West High Service Pump Station wet well; Demolition of the hydraulic break "bypass structure" and relocation of the existing 30" raw water main within the footprint of the UV/Transfer pump building; Demolition of the buried 14MG Clearwell; Demolition of the filtered water flume, Injection point 1, meter shop building, sodium hypochlorite day tank and metering pump building; Construction of a new roadway, site improvements, landscaping and storm water drainage improvements; Instrumentation and Control (I/C) and electrical improvements. Additionally, the project includes the construction of a new PAC contact basin consisting of two (2) parallel trains (overall size 60'x55') to be constructed to the north of filters 25-32. This structure will use four (4) surface-mounted mixers per train to keep the PAC in suspension and include staircases, walkways, and hand railing for safe operator access. Upgrades related to the existing PAC feed system include replacement of the rotary feeder, PAC hopper, auger feeder, dissolving tank and related electrical, instrumentation, and controls equipment as well as pipework to the new basin. Raw water piping system modifications will convey water from the North and South raw water pump stations to the PAC basin, new piping and new flow meters to the rapid mix basin. As part of this project, the impeller of raw water pump No. 27 will be replaced to meet the lower head conditions of

Excerpts from Stephen Polk's resumé, included with Poole & Kent's bid, follow.

S-998 PKCOF Quote and Experience.pdf



Poole & Kent

Contractors

An EMCOR Company

Stephen Polk II

Proposed Project Manager



Stephen has over 20 years of experience in the construction industry including cost estimation, design of water/wastewater systems, engineering, bidding strategies, and scheduling. His responsibilities as project manager include maintaining and updating project schedules, start-up and commissioning, material procurement, processing of shop drawings and project requisitions and involvement with other aspects of project administration as required.

Position

Senior Project Manager

Education

Master's, Business Administration
University of Missouri

M.S., Mechanical Engineering
University of Missouri

Experience

25 years

Joined Firm

2012

Training

- Adult First-Aid/CPR
- OSHA 10 - Hour

Relevant Responsibilities

- Project Planning
- Schedule Updates & Maintenance
- Start-up and Commissioning
- Material Procurement
- Shop Drawings and Submittal Processing
- Monthly Pay Applications
- Cost Control
- Subcontractor Coordination
- Owner/Engineer Relations

Relevant Expertise

- Water & Wastewater Facilities
- Chemical Storage Systems
- Digesters
- Electrical Systems
- Civil / Sewer
- Process Mechanical
- Instrumentation
- Sewerage / Storm Piping Systems
- Frameworks
- Storage Tanks
- Housings

SDWWTP ST-28 Clarifiers and HLD, Contract S-932 | Miami

This \$84.3 million project includes the construction of a new junction box to split the flow from the oxygenation tanks into two (2) new clarifiers, construction of one (1) new clarifier including inlet and outlet piping and Return Activated Sludge (RAS) piping, modification of existing RAS Pump Station No. 3 with installation of three (3) additional RAS pumps with piping system, modification of a pipe segment inside RAS Pump Station No. 1, construction of a Transfer Pump Station (TPS) Bypass Channel on the north side, construction of six (6) new filters, and associated yard piping.

SDWWTP ST-18 Oxygenation Trains & Electrical Building, Contract S-935 | Miami

This \$80 million project encompasses extensive infrastructure upgrades, including improvements to existing oxygenation trains, construction of new electrical buildings, and enhancements to potable water, fire water, and plant water distribution systems. The scope involves significant demolition work—removing existing piping, mechanical aerators, electrical conduits, and equipment across Oxygenation Trains 1 through 7—followed by retrofitting the trains with step-feed capability, structural rehabilitation, and installation of new mechanical and electrical systems, including sensors and analyzers. Two new electrical buildings are constructed to support the upgraded oxygenation systems, featuring fire alarm systems, SCADA integration (with owner-furnished equipment), HVAC systems, and control room infrastructure. Site and yard piping work includes grading, installation of new conduits and pavement, and replacement of water distribution networks, with careful coordination of tie-ins and dewatering operations. The project concludes with comprehensive startup and commissioning services, ensuring full operational readiness through equipment testing, supplier-supported installation, and regulatory coordination.

CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1 Through 6, S-922 | Miami

This \$25 million project consisted of electrical improvements at the Effluent Pump Station No. 1 for Pumps 1 through 6 at an operational wastewater treatment plant. The SDWWTP Effluent Pump Station No. 1 consisted of twelve (12) vertical turbine pumps which pump treated effluent from the plant to the injection wells onsite. The electrical improvements consisted of replacing the motors for existing Effluent Pumps 1 through 6 with new 900 horsepower motors, and the construction of a new two-story electrical building which will house all new electrical switchgear, transformers, motor control centers, variable frequency drives, and other electrical & control equipment for pump station operation.

District 2A Ground Storage Tank | Pompano Beach

This \$7.7 million project included construction of a new 5.0 MG ground storage tank at an existing water treatment plant. The scope included site improvements, demolition of an existing maintenance shed, demolition of existing 1.0 MG and 0.5 MG ground storage tanks, monitoring wells, yard piping, flow meters, site lighting, inspection and rehabilitation to the existing 5.0 MG storage tank.

5-966 PKCOF Quots and Experience pdf**Headworks and Grit Removal Improvements at the ECRWRF | West Palm Beach**

This \$6.4 million project encompassed a comprehensive upgrade of the Headworks Structure and its associated systems. The work began with the demolition and removal of three existing influent flow meters, which were replaced with new meters, piping, electrical connections, and instrumentation. The drainage sumps in the influent meter vault were refurbished, and two sump pumps were replaced following the removal and disposal of accumulated solids from the mixing chamber. Five mechanically cleaned influent bar screens were removed and replaced with five center-flow band screens, along with new compactors, a shaftless screw conveyor, associated piping, above-ground electrical conduit, and updated panels and controls. To accommodate these upgrades, structural repairs and modifications were made to the influent screen channels and top slab, and the existing Screenings Building was demolished and replaced with a new facility. The two existing grit pumps and two cyclone/classifiers were removed and replaced with updated models, incorporating associated piping, valves, electrical panels, and controls. Structural repairs to the interior concrete surfaces of the grit chambers were conducted, followed by recoating the influent screen channels, grit removal channels, and grit chambers. Additional improvements included installation of manual slide gates in the grit chamber's influent and effluent channels, new odor control covers, and handrails in the grit removal area. The electrical power distribution system was modified to supply Class 1 reliable power from a common location to the Headworks Structure. Miscellaneous sitework enhancements were completed, including the installation of gravity drain piping, process yard piping, new electrical conduit, grading, and paving. To maintain uninterrupted operations during the construction period, the ECRWRF Influent Bypass Structure was operated while the Headworks Structure remained offline.

ECR Wastewater Reclamation Facility Biosolids Improvements | West Palm Beach

This \$37 million project included converting Sludge Decant No. 1 to an Aerated Waste Activated Sludge (WAS) Storage Tank, including rehabilitation of the tank structure, installation of a new coarse-bubble diffused aeration system, and construction of a new blower building; converting Sludge Decant Tank No. 2 to a Centrate Equalization Tank, including rehabilitation of the tank structure, installation of mixing equipment and construction of a new equalized centrate return pump station; upgrades to the existing Gravity Belt Thickening Facility, including installation of new gravity belt thickener feed pumps, refurbishment of three gravity belt thickening systems, installation of a new gravity belt thickener, and installation of a new liquid polymer storage/feed system; a new Thickened Waste Activated Sludge Storage Tank, consisting of two cells, each equipped with a vertical mixer; a new Temperature-Phased Anaerobic Digestion Facility, including six (6) digesters, sludge pumping and heating equipment rooms, a boiler room, a digester gas compressor room, and waste gas burners; a new Digested Sludge Holding Tank, consisting of three cells, each equipped with a vertical mixer; a new Centrifuge Dewatering Facility; a three-story building containing four high solids centrifuges, four sludge cake storage hoppers, sludge cake conveying equipment, a two-lane truck loading station and a liquid polymer storage/feed system; two (2) new Septage Receiving Stations and a new FOG (fats/oils/greases) Receiving Station; a new Ferric Chloride Storage and Pumping Facility; new biosolids odor control facilities; converting the existing aerobic digester to Aeration Basin No. 1, including structural demolition, new baffle walls and walkways, a new fine-bubble diffused aeration system, anaerobic zone vertical mixers, and influent and effluent structures; sitework, including but not limited to, new gravity drain piping network, new storm water collection network, new process yard piping, grading, paving and striping; expansion of electrical power distribution system; expansion and upgrades to existing SCADA system; and demolition of existing infrastructure to facilitate new construction.

Miscellaneous WTP Improvements - Phase III | Coral Springs

This \$7.5 million project included three bid packages including the demolition of existing facilities and equipment, including well abandonment of existing Well No. 1; installation of five (5) vertical turbine high service pumps in suction cans; construction of a new CMU/concrete building to house new high service pump VFDs, and electrical equipment; construction of a new CMU/concrete chemical storage and feed building; new chemical feed system for coagulant aid, sodium hexametaphosphate, and fluoride; relocation of existing coagulant aid tanks and existing hexametaphosphate tanks; relocation of existing ammoniators and ammonia storage tank, new ammoniation system accessories; removal and replacement of sodium hypochlorite feed equipment; miscellaneous architectural improvements of existing sodium hypochlorite building; plant-wide SCADA system inclusive of fiber network, interfacing with existing control systems and new base HMI systems; rehabilitation of existing steel filter control canopies for east and west filter buildings; addition of sodium hypochlorite distribution/feed monitoring panels; general remodeling of existing water treatment plant administration building; process instrumentation and controls; electrical work; sitework and restoration including but not limited to site cleanup; surface preparation and painting; access improvements to existing main (NE), central east and south entry gates.

Sawgrass WWTP Upgrades to Hydrogen Peroxide | Sunrise

This project included the upgrade to the existing hydrogen peroxide system. P&K's contract included installation of a new skid mounted hydrogen peroxide pumping system, associated piping, valves, concrete pad, electrical and instrumentation. Also included was the installation of a restraining system for the existing hydrogen peroxide storage tank and demolition of the existing hydrogen peroxide pump skid and containment. P&K worked closely with the plant operating staff to minimize interruptions to the operating facility.

Membrane Concentrate Line Re-Route | Boca Raton

Assistant. This project was a complete re-route of the water treatment plant membrane concentrate to a new submersible repump station that will tie into the wastewater treatment plant's existing 42" outfall pipe. The improvements include the furnishing and

2. Both proposed project Managers, Jason Padilla and Stephen Polk II, served as Project Manager for the East Central Regional WRF Biosolids Improvements Project. Stephen served from 2015 (Notice to Proceed) to 2019, and Jason served from 2019 to 2022 (Substantial Completion and Final Completion).

Contract Document Requirement: Section 01 01 00, Item 1.06. The Bidder must demonstrate that the company has full-time personnel with the necessary experience to perform the project's scope of work. This experience shall include identifying successfully completed projects where personnel have performed the bulk of the work, and which best illustrate their ability to perform the requested services while meeting project schedules and budgets.

B&V Comments:

1. No information addressing this requirement was included in the submitted bid documents. Please provide the necessary details.

Poole & Kent Response:

1. Poole & Kent's bid included a sixty-five (65) page section titled **Poole & Kent Company of Florida | Qualifications and Experience** that clearly demonstrates that Poole & Kent *has full-time personnel with the necessary experience to perform the project's scope of work. This experience shall include identifying successfully completed projects where personnel have performed the bulk of the work, and which best illustrate their ability to perform the requested services while meeting project schedules and budgets.* Excerpts demonstrating compliance follow.
 - a. Reference is made to the following excerpt from Page 1 of 65 of **Poole & Kent Company of Florida | Qualifications and Experience**.

SPECIAL PROVISIONS, SP 2.0 – ADDITIONAL QUALIFICATIONS OF BIDDERS

Poole & Kent has included the following information to provide proof and qualifications demonstrating construction of Contract No. S-966 can commence promptly upon receipt of notice to proceed, will be performed in a satisfactory manner, and all work covered by the Contract Documents can be completed within the time specified.

- a) Poole & Kent is a well-trained and competent organization which has done work of similar character and value. Attached, please find our Contractor Licenses, Project Listing, and Owner References.
- b) Poole & Kent is available to do the work at the proper time; Poole & Kent has adequate equipment and facilities to perform the work. Please refer to Resources that follows:
- c) Poole & Kent is a corporation. Attached, please find our Corporate Data Sheet.
- d) Poole & Kent is financially stable. Attached, please find our Financials, Credit Information, Bonding, and Insurance.

SPECIAL PROVISIONS, SP 3.0 – VERIFICATION OF PRICING AND RESOURCES

→ Poole & Kent meets the requirements of the SP 3.0. Refer to Resources for additional information.

- b. Reference is made to the following excerpts from Pages 1, 2, 6, 7, 8, 9, and 10 of 65 of **Poole & Kent Company of Florida | Qualifications and Experience** including Contractor Licenses, Project Lists, and Owner References.

Pages 7, 8, and 9: Poole & Kent identifies approximately one hundred fifteen (115) projects successfully completed in the past twenty (20) years. Twenty-one (21) of these projects were delivered to Miami-Dade County.

Page 7

S-W-36 PKC-07 Quats and Experience.pdf

Project Name	Project Location	Project Description	Project Status	Project Value	Project Completion Date
Shut Down WTP Filter Media Replacement, PM2102, PO 45258	Fort Lauderdale	Shut Down WTP Filter Media Replacement, PM2102, PO 45258	Completed	\$1,114,174	2014
Edgewater Equipment Relocation	Miami	Edgewater Equipment Relocation	Completed	\$87,117	2014
MDWRF Clarifier #5 Improvements	St. Petersburg	MDWRF Clarifier #5 Improvements	Completed	\$1,321,957	2014
Central County WRF Fuel Storage	Sarasota	Central County WRF Fuel Storage	Completed	\$495,171	2014
Howard F. Cullen WWP Tank #1 Replacement	Tampa	Howard F. Cullen WWP Tank #1 Replacement	Completed	\$1,107,476	2014
Central County WRF Phase 2 Improvements	Sarasota	Central County WRF Phase 2 Improvements	Completed	\$1,880,546	2014
Howard F. Cullen WWP Mechanical Storage Tank Replacement	Tampa	Howard F. Cullen WWP Mechanical Storage Tank Replacement	Completed	\$1,669,326	2014
Treatment House #1 Rehabilitation	Aracata	Treatment House #1 Rehabilitation	Completed	\$1,534,507	2014
ECWRF Biosolids Improvements	West Palm Beach	ECWRF Biosolids Improvements	Completed	\$7,340,424	2014
South District WWP Effluent Pump Station Mechanical Improvements for Pumps 1 & 2	Miami	South District WWP Effluent Pump Station Mechanical Improvements for Pumps 1 & 2	Completed	\$2,576,038	2014
MDWRF Ultimate Phosphate Wastewater Management System	St. Petersburg	MDWRF Ultimate Phosphate Wastewater Management System	Completed	\$2,767,970	2014
MDWRF Back Bay Pump Station Improvements, PAC 2014010434-M	St. Petersburg	MDWRF Back Bay Pump Station Improvements, PAC 2014010434-M	Completed	\$1,987,024	2014
WTP UV System and Related Mechanical	West Palm Beach	WTP UV System and Related Mechanical	Completed	\$1,365,024	2014
Cullen District WWP Headworks Upgrades, Odor Control System, and Hazardous Spill Response	Miami	Cullen District WWP Headworks Upgrades, Odor Control System, and Hazardous Spill Response	Completed	\$1,789,297	2014
North District WWP Preliminary Solids Transfer Robot Networks Upgrade S-21	Miami	North District WWP Preliminary Solids Transfer Robot Networks Upgrade S-21	Completed	\$1,885,546	2014
Howard F. Cullen WWP Building No. 21 Gas Meter Replacement, PAC 20052	Tampa	Howard F. Cullen WWP Building No. 21 Gas Meter Replacement, PAC 20052	Completed	\$17,213	2014
MDWRF & ECWRF Back Bay Pump Station Rehabilitation, 18-1003153MAM	St. Petersburg	MDWRF & ECWRF Back Bay Pump Station Rehabilitation, 18-1003153MAM	Completed	\$4,801,148	2014
CD 771 Pump Station 1 and CD 775A Ventilation Improvements	Miami	CD 771 Pump Station 1 and CD 775A Ventilation Improvements	Completed	\$1,155,820	2014
CD 771 Upgrades to Sewage Pump Station (N2) Contract No. S-4031	Homestead	CD 771 Upgrades to Sewage Pump Station (N2) Contract No. S-4031	Completed	\$1,118,320	2014
Oakton IA - General Services Tank	Pompano Beach	Oakton IA - General Services Tank	Completed	\$7,750,026	2014
Pump Station M15 Contract No. S-3051	Miami	Pump Station M15 Contract No. S-3051	Completed	\$3,986,347	2014
Howard F. Cullen WWP Screen and Oil/Water Separator, 18-C-0001	Tampa	Howard F. Cullen WWP Screen and Oil/Water Separator, 18-C-0001	Completed	\$1,667,109	2014
Carbon WTP Rehabilitation Construction Phase 1 191734.8.3	Vero Beach	Carbon WTP Rehabilitation Construction Phase 1 191734.8.3	Completed	\$1,071,350	2014
Headworks and Bar Removal at the ECWRF Treatment Facility	Miami	Headworks and Bar Removal at the ECWRF Treatment Facility	Completed	\$1,688,020	2014
Central Bay WWSA Upgrades and Back Bay Pump Station 191734.8.3	St. Petersburg	Central Bay WWSA Upgrades and Back Bay Pump Station 191734.8.3	Completed	\$1,461,748	2014
CDWTF Chlorination Facility, Contract No. S-400	Miami	CDWTF Chlorination Facility, Contract No. S-400	Completed	\$1,413,500	2014
Industrial Injection Well Pump Station, Contract No. S-400	Miami	Industrial Injection Well Pump Station, Contract No. S-400	Completed	\$5,382,500	2014
University Parkway Back Bay Aqueduct Bar Screen, 18-C-0006	Tampa	University Parkway Back Bay Aqueduct Bar Screen, 18-C-0006	Completed	\$1,111,534	2014
Phyllis B. Foster Pump and 11 Jackson Vectors Station, 201900143	Fort Charlotte	Phyllis B. Foster Pump and 11 Jackson Vectors Station, 201900143	Completed	\$2,881,200	2014
Pump Station 1917 Contract No. S-303	Miami	Pump Station 1917 Contract No. S-303	Completed	\$3,798,130	2014
Houlihan RD WTP Control Modifications, 1711-548	Cape Coral	Houlihan RD WTP Control Modifications, 1711-548	Completed	\$1,669,000	2014
Truckee Filter Media Replacement and Paving Project	Aracata	Truckee Filter Media Replacement and Paving Project	Completed	\$1,300,967	2014
WWSA Capacity Upgrades	St. Petersburg	WWSA Capacity Upgrades	Completed	\$2,000,000	2014
Box Ridge WRF Headworks Odor Control Piping Improvements 191734.8.3	Sarasota	Box Ridge WRF Headworks Odor Control Piping Improvements 191734.8.3	Completed	\$205,545	2014
Boasting Green WWP Replacement Phase 1	Boasting Green	Boasting Green WWP Replacement Phase 1	Completed	\$1,128,340	2014
11 Valley Center WTP Chemical Process Robot	Tampa	11 Valley Center WTP Chemical Process Robot	Completed	\$87,525	2014
GRWRF Odor Doses	St. Petersburg	GRWRF Odor Doses	Completed	\$17,425	2014
11 Valley Center WTP Tank	Tampa	11 Valley Center WTP Tank	Completed	\$65,545	2014
Marshall Street WWSA MCC No. 2 Electrical System Upgrades	Chesapeake	Marshall Street WWSA MCC No. 2 Electrical System Upgrades	Completed	\$135,000	2014
Effluent Pond #1 to #2	St. Petersburg	Effluent Pond #1 to #2	Completed	\$42,000	2014
Pump Station #60 Improvements, 1403000-1	Lakewood Lakes	Pump Station #60 Improvements, 1403000-1	Completed	\$1,684,250	2014
W-3 Well Header	St. Petersburg	W-3 Well Header	Completed	\$87,122	2014
Howard F. Cullen WWP HPO Gaskets/Vault Upgrades, 15-C-0001	Tampa	Howard F. Cullen WWP HPO Gaskets/Vault Upgrades, 15-C-0001	Completed	\$1,434,831	2014
North District WWP Copper Injection Well Pump Station, 3-277	Miami	North District WWP Copper Injection Well Pump Station, 3-277	Completed	\$4,700,950	2014
Three Oaks WWP Odorous Gas Improvements, 1-2013-021	Fort Myers	Three Oaks WWP Odorous Gas Improvements, 1-2013-021	Completed	\$1,377,300	2014
Simon Mountain WWP & WTP #1 to #2, WWP 2 Group 1	Fort Myers	Simon Mountain WWP & WTP #1 to #2, WWP 2 Group 1	Completed	\$1,040,000	2014
Orange Storage System Improvements	North Port	Orange Storage System Improvements	Completed	\$1,168,130	2014
South County WWP Clarifier 1 & 2 Robots	Tampa	South County WWP Clarifier 1 & 2 Robots	Completed	\$1,356,330	2014
SWWRF Capacity Upgrades Package 35 - Oak Forest	St. Petersburg	SWWRF Capacity Upgrades Package 35 - Oak Forest	Completed	\$288,000	2014
SWWRF Capacity Upgrades Package 41 - 42 & 43 - Secondary Clarifier	St. Petersburg	SWWRF Capacity Upgrades Package 41 - 42 & 43 - Secondary Clarifier	Completed	\$240,000	2014
Central County WRF Phase 1C Upgrade	Sarasota	Central County WRF Phase 1C Upgrade	Completed	\$17,719,669	2014
Valley & Sub Station Repairs	Chesapeake	Valley & Sub Station Repairs	Completed	\$123,000	2014
SWWRF Capacity Upgrades 1001 Gates and Dynamic Valve	St. Petersburg	SWWRF Capacity Upgrades 1001 Gates and Dynamic Valve	Completed	\$123,000	2014
SWWRF Distribution and 1000 Pumping Improvements	Chesapeake	SWWRF Distribution and 1000 Pumping Improvements	Completed	\$13,647,000	2014

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COMPLETED PROJECTS

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S-566 PKI XCF Ques and Experience poll



COMPLETED PROJECTS

Project Name	Project type	Project Location	Owner	Percent Completed	1996 Projected Revenue
Collier EIS Phase	Shelby	Florida & Kern Company of Florida	Collier County	100%	\$ 24,173,000
Lebanon Pump Station Improvements	Fort Lauderdale	Florida & Kern Company of Florida	City of Fort Lauderdale	100%	\$ 7,351,475
Everest Admin Building	Cape Coral	Florida & Kern Company of Florida	City of Cape Coral	100%	\$ 6,602,000
Colbourne Road - AC Reconstruction	Homestead	Florida & Kern Company of Florida	City of Homestead	100%	\$ 397,200
Lebanon WTP Phase Subst.	Orlando Park	Florida & Kern Company of Florida	City of Fort Lauderdale	100%	\$ 1,718,000

Page 10: Poole & Kent provides a list of ten (10) references from Florida municipalities, including two (2) from Miami-Dade County WASH. Poole & Kent is certain that the references provided will confirm that Poole & Kent has *full-time personnel with the necessary experience to perform the project's scope of work. This experience shall include identifying successfully completed projects where personnel have performed the*

bulk of the work, and which best illustrate their ability to perform the requested services while meeting project schedules and budgets.



Owner References

Miami-Dade County, Florida

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Water and Sewer Department
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Miami, FL 33146
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Senior Program Manager
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City of Punta Gorda, Florida

Steve Leonard, Senior Project Manager, Utilities
326 W. Marion Avenue
Punta Gorda, FL 33950
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(941) 628-6319 – Cell
sleonard@ci.punta-gorda.fl.us

City of Clearwater, Florida

Jeff Walker, P.E., CBO, LEED AP, PMP
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City of Fort Lauderdale, Florida

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100 N. Andrews Avenue, 4th Floor
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City of Tampa, Florida

Michael W. Chucran, P.E. Director
Contract Administration Department
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Sarasota County, Florida

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Charlotte County, Florida

Bruce Bullert, Engineering Services Manager
Utilities Department
25550 Harbor View Road, Suite 1
Port Charlotte, FL 33980-2503
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bruce.bullert@charlottecountyfl.gov

City of Davenport, Florida

Michael Stripling, Utilities Director
Public Services Department
1 South Allapaha Avenue
Davenport, FL 33836
(863) 419-3300 Extension 143 – Phone
mstripling@mydavenport.org

- c. Reference is made to the following excerpt from Page 28 of 65 of **Poole & Kent Company of Florida | Qualifications and Experience** that highlights Poole & Kent's Key Personnel and Labor Resources and Equipment & Facilities Resources. Pages 29 – 45 include the resumés of Poole & Kent's key personnel. Poole & Kent further states *Management will be supported by field supervision, administrative, and support staff as required. Labor for self-performed mechanical work will be provided through Local Union 725, Miami.* With regard to *Equipment and Facilities Resources* Poole & Kent states *Heavy equipment such as cranes, backhoes, loaders, etc. will be rented/leased as needed from local suppliers with which Poole & Kent has established relationships. Additionally, we will have a dedicated field office for the project which will be supported by our Miami Office Headquarters and Fabrication Shop.*

S-966 PKCOF Quals and Experience.pdf

Miami-Dade County

North District WWTP High Level Disinfection Facilities, Contract No. S-966

Poole & Kent Company of Florida | Qualifications and Experience

August 6, 2025

Poole & Kent Company of Florida Resources

KEY PERSONNEL & LABOR RESOURCES

- **Project Executive** → Brian MacCluggage
- **Construction Qualifier** → David Strickland
- **Proposed Project Manager(s)** → Jason Padilla, Stephen Polk II

Management will be supported by field supervision, administrative, and support staff as required. Labor for self-performed mechanical work will be provided through Local Union 725, Miami. Although it is not required, Poole & Kent will endeavor to hire local Miami-Dade County residents whenever possible.

EQUIPMENT & FACILITIES RESOURCES

Heavy equipment such as cranes, backhoes, loaders, etc. will be rented/leased as needed from local suppliers with which Poole & Kent has established relationships. Additionally, we will have a dedicated field office for the project which will be supported by our Miami Office Headquarters and Fabrication Shop.

- d. Poole & Kent not only provided a listing of three (3) Completed Projects with a Contract Value Greater Than \$25M on Page 47, but Poole & Kent also provided a listing of three (3) Completed Projects with a Contract Value Greater Than \$75M on Page 46 of **Poole & Kent Company of Florida | Qualifications and Experience** identifying successfully completed projects where personnel have performed the bulk of the work, and which best illustrate their ability to perform the requested services while meeting project schedules and budgets (excerpts below).

Page 47

COMPLETED WWTP PROJECTS WITH CONTRACT VALUE GREATER THAN \$25 MILLION

- 1** East Central Regional WRF Biosolids Improvements
Owner: ECRWRF Operations Board c/o The City of West Palm Beach
Project Start/Completion Dates: August 2015 – March 2020 (Substantial), March 2022 (Final)
Contract Value: \$97,040,423
Project Manager Experience: Jason Padilla, Stephen Polk II
- 2** CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1-6, Contract No. S-922
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: October 2019 – July 2022 (Final Completion), October 2022 (Final Acceptance)
Contract Value: \$25,000,308
Project Manager Experience: Stephen Polk II
- 3** Central District WWTP Industrial Injection Well Surface Facilities, Contract No. S-870
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: May 2017 – November 2019
Contract Value: \$25,982,500
Project Manager Experience: Jason Padilla

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COMPLETED WWTP PROJECTS WITH CONTRACT VALUE GREATER THAN \$75 MILLION

- 1** East Central Regional WRF Biosolids Improvements
Owner: ECRWRF Operations Board c/o The City of West Palm Beach
Project Start/Completion Dates: August 2015 – March 2020 (Substantial), March 2022 (Final)
Contract Value: \$97,040,423
- 2** CD 1.07 Digesters and Control Building Upgrades, Acid Phase and Substation 7 & 8, Contract No. S-897
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: August 2018 – August 2023 (Substantial Completion)
Contract Value: \$93,361,000
- 3** South District WWTP HLD Upgrade to 285-MGD Filter System, Contract No. S-805
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: August 2008 – October 2013 (Warranty Period through October 2014)
Contract Value: \$134,253,006

August 20, 2025

To summarize, Poole & Kent's bid included a sixty-five (65) page section titled **Poole & Kent Company of Florida | Qualifications and Experience** (attached) that demonstrates compliance with the Bidder Qualifications and Experience Requirements. Specifically, as highlighted herein, **Poole & Kent Company of Florida | Qualifications and Experience** demonstrates compliance with the following requirements.

- Section 01 01 00, Item 1.06 C. The Bidder's proposed project manager shall have successfully completed a minimum of two (2) projects demonstrating experience with large wastewater treatment upgrade projects having a total construction value (for each project) of greater than \$25 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- Section 01 01 00, Item 1.06. The Bidder must demonstrate that the company has full-time personnel with the necessary experience to perform the project's scope of work. This experience shall include identifying successfully completed projects where personnel have performed the bulk of the work, and which best illustrate their ability to perform the requested services while meeting project schedules and budgets.

We trust that the above response provides the clarification needed for Black & Veatch to complete the bid evaluation and confirm compliance with the Bidder Qualifications and Experience Requirements.

Sincerely,
Poole & Kent Company of Florida



Brian MacClugage
Executive Vice President

Attachment: 65 Pages - Poole & Kent Company of Florida | Qualifications and Experience

CC: Clerk of the Board (COC)
Jean-Marie Rodriguez (WASD)
Antoinette A. Altamirano (WASD)
Eileen Ramos (WASD)
Marisela Aranguiz-Cueto (WASD)

Miami-Dade County
North District WWTP High Level Disinfection Facilities, Contract No. S-966
Poole & Kent Company of Florida | Qualifications and Experience
August 6, 2025

Miami-Dade County
North District WWTP High Level Disinfection Facilities, Contract No. S-966
Poole & Kent Company of Florida | Qualifications and Experience
August 6, 2025

INSTRUCTION TO BIDDERS, 13 – QUALIFICATIONS OF BIDDERS

Poole & Kent meets the requirements of the referenced section.

INSTRUCTIONS TO BIDDERS, 33 – REQUIRED BIDDER'S CERTIFICATION

Poole & Kent meets the requirements of the referenced section.

SPECIAL PROVISIONS, SP 2.0 – ADDITIONAL QUALIFICATIONS OF BIDDERS

Poole & Kent has included the following information to provide proof and qualifications demonstrating construction of **Contract No. S-966** can commence promptly upon receipt of notice to proceed, will be performed in a satisfactory manner, and all work covered by the Contract Documents can be completed within the time specified.

- a) Poole & Kent is a well-trained and competent organization which has done work of similar character and value. *Attached, please find our Contractor Licenses, Project Listing, and Owner References.*
- b) Poole & Kent is available to do the work at the proper time; Poole & Kent has adequate equipment and facilities to perform the work. *Please refer to Resources that follows.*
- c) Poole & Kent is a corporation. *Attached, please find our Corporate Data Sheet.*
- d) Poole & Kent is financially stable. *Attached, please find our Financials, Credit Information, Bonding, and Insurance.*

SPECIAL PROVISIONS, SP 3.0 – VERIFICATION OF PRICING AND RESOURCES

Poole & Kent meets the requirements of the SP 3.0. Refer to Resources for additional information.

SPECIAL PROVISIONS, SP 4.0 – SAFETY RECORD OF PRIME AND SUBCONTRACTORS

Poole & Kent's safety approach is simple – protect everyone involved in the project. Our corporate goal is ZERO ACCIDENTS so that EVERYONE GOES HOME EVERY DAY! The avoidance of accidents and other unplanned occurrences that result in injury to employees, interruptions of production, or damage to equipment or property is of paramount concern to Poole & Kent. It is our policy to take all actions necessary in planning, assigning and supervising work operations to establish and maintain safe and productive working conditions on our projects. Poole & Kent is extremely familiar with WASD's health and safety requirements and will ensure our proposed project team adheres to the project specific safety requirements for this project. **All of our construction personnel are OSHA 10 or OSHA 30 Hour certified in accordance with Miami-Dade's initiative, Resident First Training and Employment Program.**

Poole & Kent EMR Record → 2024 EMR 0.65 • 2023 EMR 0.68 • 2022 EMR 0.67

OSHA Logs and/or EMR documentation will be furnished for Poole & Kent and all first-tier subcontractors.

SPECIAL PROVISION 2.0 ATTACHMENT A – BIDDER QUALIFICATIONS (ADDENDUM #1)

SECTION 01 01 00, 1.06 MINIMUM CONSTRUCTION EXPERIENCE OF THE CONTRACTOR (ADDENDUM #1)

LICENSING

The Bidder shall have as a minimum the following licenses:

- 1) General Contractor
- 2) Electrical Contractor
- 3) HVAC
- 4) Plumbing
- 5) Mechanical
- 6) Other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.
- 7) Other requirements for comparable projects as described in Project Documents Special Provisions for Contract No. S-966. *Poole & Kent acknowledges the licensure requirements and holds all required licenses to complete the work associated with Contract No. S-966. Additionally, our subcontractors hold the necessary licenses which are required for their specific scope of work.*

Miami-Dade County
North District WWTP High Level Disinfection Facilities, Contract No. S-966
Poole & Kent Company of Florida | Qualifications and Experience
August 6, 2025

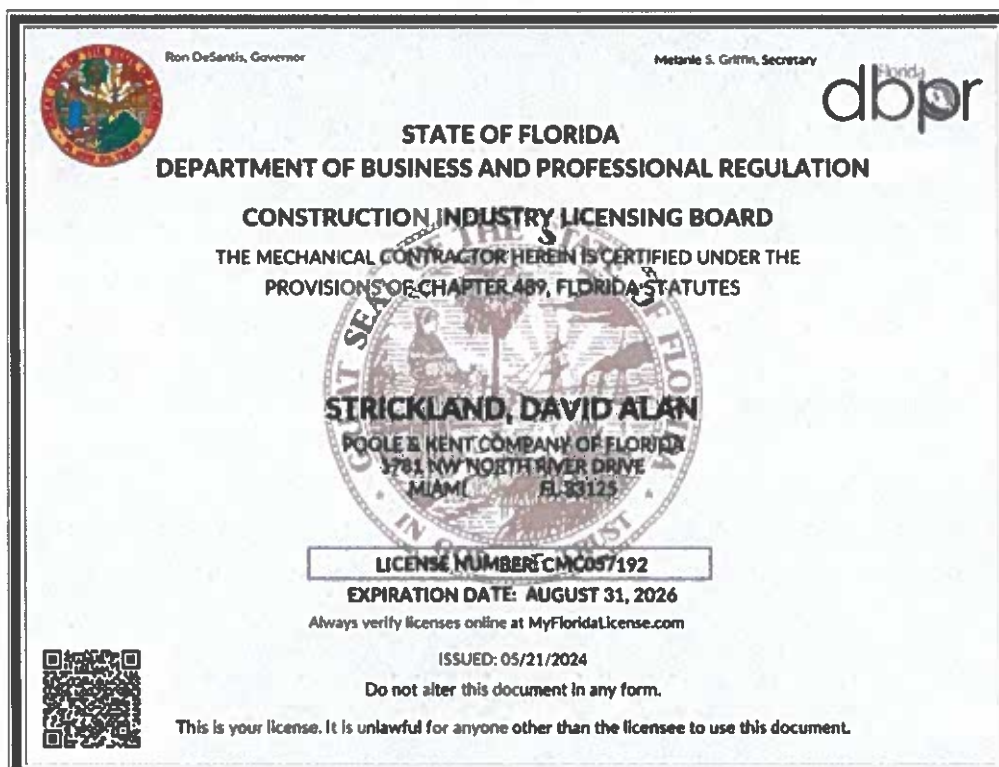
EXPERIENCE

- A. Bidder shall submit proof that his/her firm has at least the minimum successful contract experience as required below for this CONTRACT being bid. Such proof shall consist of a list of projects, completed prior to the bid date, with the names and telephone numbers of the OWNERS or representatives that OWNER can contact to confirm the listed experience.
- B. Bidder shall have successfully completed a minimum of two (2) projects demonstrating experience with large wastewater treatment upgrade projects having a total construction value (for each project) of greater than \$75 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- C. Bidder's proposed project manager shall have successfully completed a minimum of two (2) projects demonstrating experience with large wastewater treatment upgrade projects having a total construction value of greater than \$25 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- D. Bidder shall have successfully completed a minimum of three (3) projects demonstrating experience procuring and installing main electrical equipment, medium and low voltage electrical power systems, including transformers and switchgear, with this work being performed while maintaining operations of a wastewater facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- E. Bidder shall have successfully completed a minimum of one (1) project demonstrating experience with medium or high voltage power supply systems, including transformers and switchgear, with this work being performed while maintaining operations of a wastewater facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- F. Bidder shall have successfully completed a minimum of one (1) project demonstrating experience with instrumentation and controls including connections into an existing SCADA while maintaining operations of a wastewater facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- G. Bidder shall have successfully completed a minimum of one (1) project demonstrating experience with HVAC equipment including cooling towers, with this work being performed while maintaining operations of wastewater facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- H. Bidder's Environmental Consultant must have successfully completed a minimum of two (2) projects that required the implementation of a Soil and Groundwater Management Plan and Dust Control Plan following RER requirements the Environmental Consultant shall be familiar with WASD'S Clean Fill Policy (EPG-46).
- I. In the event a firm is established by executives, supervisors, and other senior field staff (key employees) that would have met these minimum experience requirements with a prior firm, OWNER reserves the right to qualify the firm based on OWNER's sole determination and evaluation of the knowledge and prior experience of these key employees employed by the new firm. The experience of key senior personnel with other firms may be counted towards the experience requirement, if acceptable to the ENGINEER. Should such evidence not be satisfactory to the ENGINEER, whose decision shall be final, the bid will be considered non-responsive, and the second lowest bidder will be considered for award. The qualifying proof shall be submitted in a separate sealed envelope with the bid.
- J. Bidder must demonstrate that the company has full-time personnel with the necessary experience to perform the project's scope of work. This experience shall include identifying successfully completed projects where personnel have performed the bulk of the work, and which best illustrate their ability to perform the requested services while meeting project schedules and budgets.

Poole & Kent acknowledges the experience requirements. Project experience/references follow.

State of Florida Contractor Licenses

Expiration Date: August 31, 2026



Headquarters - Miami-Dade County
1781 N.W. North River Drive
Miami, FL 33125
P: 305.325.1930

State of Florida Contractor Licenses

Expiration Date: August 31, 2026



Headquarters – Miami-Dade County
1781 N.W. North River Drive
Miami, FL 33125
P: 305.325.1930

State of Florida Contractor Licenses

Expiration Date: August 31, 2026



Headquarters – Miami-Dade County
1781 N.W. North River Drive
Miami, FL 33125
P: 305.325.1930

ONGOING PROJECTS

Project Name	Contract Number	Project Address	Owner	Engineer	Contract Price	Percent Complete
CD 2.1.5(1) Plant 2 Cluster 1 Dewatering Upgrades	S-889	3989 Rickenbacker Causeway, Miami, FL 33149	Miami-Dade County	Sanlec	\$26,411,043.21	95%
Waste Water Treatment Facility Improvements	N/A	1139 North Blvd., West, Davenport, FL 33837	City of Davenport	Pennott Associates, Inc.	\$19,966,962.40	95%
CD 2.1.5(2) Central District WWTP - Plant 2 Cluster 2 Dewatering Upgrades	S-909	3989 Rickenbacker Causeway, Miami, FL 33149	Miami-Dade County	Sanlec	\$29,227,440.00	98%
Marshall Street WRF Process Control Gates Repairs	18-0047-UT	1605 Harbor Drive, Clearwater, FL 33755	City of Clearwater	Brown and Caldwell	\$3,785,152.02	98%
Wastewater Biosolids Treatment Improvements	9980-16	155 Griffin Road, Wauchula, FL 33873	City of Wauchula	Crutain-Skillman, Inc.	\$5,834,003.00	98%
Industrial Waste Treatment Facility Clarifier System	23-028-ITB-CONSTRUCTION	2851 110th Avenue, North, St. Petersburg, FL 33716	Pineas County BOCC	CDM Smith	\$8,463,633.00	98%
CD 1.07 SDWWTP Dewatering and Control Building Upgrades, Acid Phase and Substation 7 & 8	S-897	8950 SW 232 Street, Miami, FL 33190	Miami-Dade County	Sanlec	\$93,361,000.00	97%
ST-2B Clarifiers and HLD	S-932	8950 SW 232 Street, Miami, FL 33190	Miami-Dade County	CDM Smith	\$84,376,200.00	96%
South District WWTP Sludge Thickening and Dewatering Building	S-884	8950 SW 232 Street, Miami, FL 33190	Miami-Dade County	Carillo Engineers	\$93,677,061.00	95%
ST-2A South District WWTP Headworks 3, Dewatering Trains 9 & 10, and Substation 57/58	S-931	8950 SW 232 Street, Miami, FL 33190	Miami-Dade County	Brown and Caldwell	\$107,605,400.00	95%
Industrial Waste Treatment Facility Intake Pump Station	23-0773-ITB-CP	3695 114th Avenue, North, St. Petersburg, FL 33716	Pineas County BOCC	Hazen and Sawyer	\$2,944,469.00	93%
Central District WWTP Sludge Thickening and Dewatering Building	S-888	3989 Rickenbacker Causeway, Miami, FL 33149	Miami-Dade County	Carillo Engineers	\$115,828,449.00	90%
Rotonda Water Reclamation Facility Headwork Improvements	2022000666	3740 Kendall Road, Rotonda West, FL 33940	Charlotte County	Ardurra	\$3,524,103.00	89%
South District WWTP New Regional Fat Oils and Grease (FOG) Facility	S-961	8950 SW 232 Street, Miami, FL 33190	Miami-Dade County	Jacobs	\$45,587,000.00	88%
Lightspeed Re-Roof & HVAC Replacement	1-190086	11500 NW 25 Street, Sweetwater, FL 33172	Miami-Dade County	Initial Engineers	\$30,944,629.00	88%
Seven Springs WWTP Grit Removal System Improvements	PSP 16	2850 Seven Springs Blvd., New Port Richey, FL 34655	Florida Governmental Utility Authority	Hafr	\$2,078,957.00	88%
NRWWTP Facility Improvements - Solids, Solicitation PNC217590C1	100514 (9195)	2401 North Powerline Road, Pompano Beach, FL 33069	Broward County	Hazen and Sawyer	\$56,216,743.00	87%
New Water Booster Pump Station Re-Bld	31-5023	580 Gene Green Road, Nokomis, FL 34275	City of Venice	Black & Veatch	\$21,475,137.50	87%
CD 2.19(2) Co-Gen Facility and 2.01(6) Electrical Improvements	S-891	3989 Rickenbacker Causeway, Miami, FL 33149	Miami-Dade County	MWH / CDM Smith	\$49,378,300.00	83%
HVAC Improvements Package D - Swilc Gear Building No. 2 and Polymer Building	S-976	8950 SW 232 Street, Miami, FL 33190	Miami-Dade County	Jacobs	\$8,320,225.00	75%
ST-1B South District WWTP O2 Trains 1-7 Rehabilitation and Electrical Building Upgrades	S-935	8950 SW 232 Street, Miami, FL 33190	Miami-Dade County	Brown and Caldwell	\$80,560,000.00	70%
North County WRF Pretreatment Facility	20-7722-NS	10500 Goodlette-Frank Road, Naples, FL 34109	Collier County	AECOM	\$55,660,000.00	68%
Bradenton WRF Addition of Fourth Clarifier Plant Modifications Associated with Injection Well	40859000-563000-WTRP	1810 1st Street, West, Bradenton, FL 34208	City of Bradenton	Jones Edmunds	\$16,537,450.00	61%
East Port WRF Expansion	23-485	3100 Loveland Blvd, Port Charlotte, FL 33908	Charlotte County	Jones Edmunds	\$106,626,464.00	45%
CDWWTP CT-3C-A Electrical Distribution Building 2	S-949A	3989 Rickenbacker Causeway, Miami, FL 33149	Miami-Dade County	Brown and Caldwell	\$151,009,650.00	35%
Lime Slaker Replacement Project Alexander Ott Jr. Water Treatment Plant	W-945	6625 SW 87 Avenue, Miami, FL 33173	Miami-Dade County	CDM Smith	\$19,126,900.00	35%
Wastewater Treatment Facility Improvements	2024-01	131 John Smoak Road, Lake Placid, FL 33852	Town of Lake Placid	Pennott Associates, Inc.	\$30,580,231.00	31%
NDWWTP Effluent Pump Station - Electrical Building Improvements	S-939	2575 NE 156th Street, North Miami Beach, FL 33160	Miami-Dade County	Brown and Caldwell	\$52,597,454.69	3%



COMPLETED PROJECTS

Project Name	Project Location	Prime Contractor	Owner	Percent Complete	PK Contract Amount
Shell Creek WTP Filter Media Replacement, F2021121, PO #52588	Punta Gorda	FL Poole & Kent Company of Florida	City of Punta Gorda	100%	\$ 376,974
EdgeConneX Equipment Aid	Miami	Burr Computer Environments, Inc.	EdgeConneX	100%	\$ 587,317
NEWRF Clarifier #5 Improvements	St. Petersburg	FL Poole & Kent Company of Florida	City of St. Petersburg	100%	\$ 1,321,907
Central County WRF Fuel Storage	Sarasota	FL Poole & Kent Company of Florida	Sarasota County	100%	\$ 485,373
Howard F. Curren AWWTP Train Rail Replacements	Tampa	FL Poole & Kent Company of Florida	City of Tampa	100%	\$ 1,107,476
Central County WRF Phase 3 Improvements	Sarasota	FL Poole & Kent Company of Florida	Sarasota County	100%	\$ 1,880,946
Howard F. Curren AWWTP Methanol Storage Tank Replacement	Tampa	FL Poole & Kent Company of Florida	City of Tampa	100%	\$ 1,689,328
Treatment Trains 5 & 6 Rehabilitation	Arcadia	FL Poole & Kent Company of Florida	Peace River Manasota Regional Water Supply Authority	100%	\$ 3,534,507
ECRWRF Biosolids Improvements	West Palm Bch	FL Poole & Kent Company of Florida	City of West Palm Beach	100%	\$ 97,040,424
South District WWTP Effluent Pump Station Electrical Improvements for Pumps 1-6, S-922	Miami	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 25,576,890
NRWRF Master Reuse Wet Weather Management Well System	Palmetto	FL Poole & Kent Company of Florida	Manatee County	100%	\$ 2,767,950
NRWRF Belt Filter Press Improvements, IFBC 20-TA003363SAM	Palmetto	FL Poole & Kent Company of Florida	Manatee County	100%	\$ 3,997,678
WTP UV System and Related Infrastructure	West Palm Bch	FL Poole & Kent Company of Florida	Manatee County	100%	\$ 24,969,000
Central District WWTP Headworks Upgrades, Odor Control System, and Ventilation Improvements	Miami	FL Poole & Kent Company of Florida	City of West Palm Beach	100%	\$ 15,895,297
North District WWTP Pretreatment/Sudge Transfer Rehab Headworks Upgrade, S-871	Miami	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 17,895,350
Howard F. Curren AWWTP Building No. 2 Flow Meter Replacement, 19-C-00056	Tampa	FL Poole & Kent Company of Florida	City of Tampa	100%	\$ 817,218
SWWRF & SEWRF Belt Filter Press Rehabilitation, 19-TA003100SAM	Bradenton	FL Poole & Kent Company of Florida	Manatee County	100%	\$ 4,607,169
CD 2.21 Pump Station 1 and CD 2.25(4) Ventilation Improvements	Miami	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 4,155,850
CD 5.03 Upgrade to Sewage Pump Station 0692, Contract No. S-908R	Homestead	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 10,118,300
District 2A - Ground Storage Tank	Pompano Beach	FL Poole & Kent Company of Florida	Broward County	100%	\$ 7,750,000
Pump Station 0415, Contract No. S-905R	Miami	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 6,988,345
Howard F. Curren AWWTP Screen and Grit Washers Replacement, 18-C-00017	Tampa	FL Poole & Kent Company of Florida	City of Tampa	100%	\$ 4,662,108
Carlton WTP Rehabilitation Construction Phase I, 191724LS	Venice	FL Poole & Kent Company of Florida	Sarasota County	100%	\$ 10,071,350
Headworks and Grit Removal Imp. at the ECRWRF Treatment Facility	Miami	FL Poole & Kent Company of Florida	City of West Palm Beach	100%	\$ 6,466,000
SEWRF RASWAS Upgrade and Plant Drain Pump Station, 19-TA003062AJ	Bradenton	FL Poole & Kent Company of Florida	Manatee County	100%	\$ 4,461,455
CDWWRF Chlorination Facilities, Contract No. S-890	Miami	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 13,413,000
Industrial Injection Well Pump Station, Contract No. S-870	Tampa	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 25,982,500
University Pumping Station Automatic Bar Screen, 18-C-00016	Port Charlotte	FL Poole & Kent Company of Florida	City of Tampa	100%	\$ 1,511,534
Myakka Booster Pump and EL Jobean Vacuum Station, 2019000142	Miami	FL Poole & Kent Company of Florida	Charlotte County	100%	\$ 2,881,200
Pump Station 0187, Contract No. S-903	Cape Coral	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 5,798,030
Southwest RO WTP Control Modifications, UT18-75KR	Arcadia	FL Poole & Kent Company of Florida	City of Cape Coral	100%	\$ 1,049,000
Tricling Filters Media Replacement and Painting Project	St. Petersburg	FL The Haskell Company	City of Arcadia	100%	\$ 1,200,967
SWWRF Capacity Upgrades	Sarasota	FL Poole & Kent Company of Florida	City of St. Petersburg	100%	\$ 100,000
Bee Ridge WRF Headworks Odor Control Piping Improvements, 191763JLS	Bowling Green	FL Poole & Kent Company of Florida	Sarasota County	100%	\$ 205,549
Bowling Green WWTF Replacement Phase 1	Tampa	FL Poole & Kent Company of Florida	City of Bowling Green	100%	\$ 5,128,343
T. Malloy Carlton WTP Chemical Room Rehab.	St. Petersburg	FL The Haskell Company	City of St. Petersburg	100%	\$ 887,525
SWWRF Coffey Dams	Clearwater	FL B.L. Smith	Sarasota County	100%	\$ 396,992
T. Malloy Carlton WTP Tank	St. Petersburg	FL The Haskell Company	City of Clearwater	100%	\$ 135,000
Marshall Street WRF MCC No. 9 Electrical System Upgrades	St. Petersburg	FL The Haskell Company	City of St. Petersburg	100%	\$ 544,000
Effluent Feed Pipe IW-1 to IW-5	Lauderdale Lakes	FL Poole & Kent Company of Florida	Broward County	100%	\$ 6,094,250
Pump Station 450 Improvements, Y1408402C1	St. Petersburg	FL The Haskell Company	City of St. Petersburg	100%	\$ 367,122
IW-5 Well Header	Tampa	FL Poole & Kent Company of Florida	City of Tampa	100%	\$ 1,434,891
Howard F. Curren AWWTP HPO Gearbox/Mixer Upgrades, 15-C-00021	Miami	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 6,300,550
North District WWTP Deep Injection Well Pump Station, S-877	Fort Myers	FL Wharton-Smith, Inc.	Lee County	100%	\$ 12,577,000
Three Oaks WWTP Oxidation Ditch Improvements, 415018-001	Fort Myers	FL Ganey Companies, Inc.	Lee County	100%	\$ 10,040,000
Green Meadows WTP & Well Field Exp., GMP-2 Group #1	North Port	FL Poole & Kent Company of Florida	City of North Port	100%	\$ 1,169,105
Sudge Storage System Improvements	Tampa	FL Poole & Kent Company of Florida	Hillsborough County	100%	\$ 1,356,300
South County AWWTP Clarifier 1 & 2 Rehab	St. Petersburg	FL The Haskell Company	City of St. Petersburg	100%	\$ 1,208,000
SWWRF Capacity Upgrades Package 55 - Disk Filters	St. Petersburg	FL The Haskell Company	City of St. Petersburg	100%	\$ 478,000
SWWRF Capacity Upgrades Package 41, 42 & 43 - Secondary Clarifier	Sarasota	FL Poole & Kent Company of Florida	Sarasota County	100%	\$ 12,279,000
Central County WRF Phase 3 Expansion	Clearwater	FL Poole & Kent Company of Florida	City of Clearwater	100%	\$ 473,000
Valves & Slide Gate Replacement	St. Petersburg	FL The Haskell Company	City of St. Petersburg	100%	\$ 142,522
SWWRF Capacity Upgrades CCT Gates and Chlorine Feed	Clearwater	FL Poole & Kent Company of Florida	City of Largo	100%	\$ 13,641,000
WWRF Disinfection and Effluent Pumping Improvements					



COMPLETED PROJECTS

Project Name	Project Location	Prime Contractor	Owner	Percent Complete	PK Contract Amount
Septage Receiving Facility Improvements Y1206701C1	Pompano Beach	FL Poole & Kent Company of Florida	Broward County	100%	\$ 3,283,101
East WRF Clarifier Rehabilitation	Cleaverwater	FL Poole & Kent Company of Florida	City of Cleaverwater	100%	\$ 1,273,704
Water Treatment Plant Filters Rehabilitation	West Palm Bch	FL Poole & Kent Company of Florida	City of West Palm Beach	100%	\$ 3,571,530
Ventex Water Remediation Facility ITB #2987-14	Nokomis	FL Poole & Kent Company of Florida	City of Venice, FL	100%	\$ 9,830,000
East WRF Effluent Filters Rehabilitation	Cleaverwater	FL Poole & Kent Company of Florida	City of Cleaverwater	100%	\$ 1,160,000
Howard F. Curran AWTP Denitrification Filter Media Replacement III	Tampa	FL Poole & Kent Company of Florida	City of Tampa	100%	\$ 3,318,000
Northeast WRF Clarifiers 5-8 Rehabilitation	Cleaverwater	FL Poole & Kent Company of Florida	City of Cleaverwater	100%	\$ 1,600,000
Fiveash WTP Filter Rehab	Fort Lauderdale	FL Poole & Kent Company of Florida	City of Fort Lauderdale	100%	\$ 486,470
East & West Spring Lake Wastewater Expansion	Port Charlotte	FL Poole & Kent Company of Florida	Charlotte County	100%	\$ 1,467,000
Bee Ridge WRF Septage Improvements	Sarasota	FL Poole & Kent Company of Florida	Sarasota County	100%	\$ 815,750
D.L. Tippin WTF Chlorine Piping and Chemical Building	Tampa	FL Poole & Kent Company of Florida	City of Tampa	100%	\$ 669,903
East Port WRF Stage 1 Improvements	Port Charlotte	FL Poole & Kent Company of Florida	Charlotte County	100%	\$ 12,105,500
Master Pump Station No. 3, Contract No. S-852	Miami	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 21,976,500
NDWWTP Emergency Repair of Secondary Clarifiers	North Miami	FL Westech Engineering, Inc.	Miami-Dade County	100%	\$ 783,000
WTP 1A 1.0 MG Water Storage Tank (NSM), Y1233004C1	Fort Lauderdale	FL Poole & Kent Company of Florida	Broward County	100%	\$ 1,322,000
Springtree WTP Improvements-Phase I Operations Building & HSP "A"	Sunrise	FL Poole & Kent Company of Florida	City of Sunrise	100%	\$ 6,336,000
Cons-PipeRep/WWTP - Solicitation #2013124	Punta Gorda	FL Poole & Kent Company of Florida	City of Punta Gorda	100%	\$ 1,982,000
SDWWTP Screening Systems Improvements S-863	Miami	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 5,770,050
Digester P-2D-3 Cover Replacement - Contract No. CICC-7360	Miami	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 2,906,360
Coral Springs WTP Improvements - Phase III	Coral Springs	FL Poole & Kent Company of Florida	City of Coral Springs	100%	\$ 7,451,000
SDWWTP Cogen Facility Improvements DB09-WASD-05-ARRA	Cleaverwater	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 20,474,369
WTP No. 2 - Reverse Osmosis Plant Expansion	Hollywood	FL Poole & Kent Company of Florida	City of Hollywood	100%	\$ 20,787,325
Deep Injection Well For MSRO Concentrate Disposal Booster Pump	Boca Raton	FL Poole & Kent Company of Florida	City of Boca Raton	100%	\$ 5,665,000
WWTP Digester Building and Gas Piping System Rehab 2012-057	West Palm Bch	FL Poole & Kent Company of Florida	City of Boca Raton	100%	\$ 4,081,922
WTP-Electrical/Generator Building	Boca Raton	FL Poole & Kent Company of Florida	City of West Palm Beach	100%	\$ 14,458,608
Membrane Concentrate Line Re-Route	Naples	FL Poole & Kent Company of Florida	City of Boca Raton	100%	\$ 1,198,000
NCRWTP Membrane Replacement and Inter-Stage Booster Project	West Palm Bch	FL Poole & Kent Company of Florida	Collier County	100%	\$ 1,564,000
WTP - Pumps Rehabilitation	Boca Raton	FL Poole & Kent Company of Florida	City of West Palm Beach	100%	\$ 456,000
Concentrate Reuse Blending Control	Punta Gorda	FL Poole & Kent Company of Florida	City of Boca Raton	100%	\$ 535,439
WWTP Filtration Improvements F2011132	West Palm Bch	FL Poole & Kent Company of Florida	City of Punta Gorda	100%	\$ 3,255,000
RAS Pump Station Valve Replacement 11993404	Hollywood	FL Poole & Kent Company of Florida	City of West Palm Beach	100%	\$ 1,083,000
SRWWTP Clarifier Nos. 5-8 Flow Diversion Box Rehab	Sunrise	FL Poole & Kent Company of Florida	City of Hollywood	100%	\$ 1,369,000
Sawgrass WWTP Upgrades to Hydrogen Peroxide	Hollywood	FL Poole & Kent Company of Florida	City of Sunrise	100%	\$ 134,029
Hollywood WTP RO Train "A" Replacement	Hollywood	FL Poole & Kent Company of Florida	City of Hollywood	100%	\$ 1,470,000
Electrical Power Generator System Expansion 10-4517	Miami	FL Poole & Kent Company of Florida	City of Hollywood	100%	\$ 855,724
SDWWTP Filter System Contract No. S-805	Naples	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 134,253,000
WTP Filter Valve Replacement & Control System Upgrade 019-12	West Palm Bch	FL Poole & Kent Company of Florida	City of Naples	100%	\$ 1,263,300
City of Belle Glade WWTP Improvements WUD 10-062R	Cape Coral	FL Poole & Kent Company of Florida	Palm Beach County	100%	\$ 1,623,000
Cape Coral Maintenance	Hollywood	FL Poole & Kent Company of Florida	City of Cape Coral	100%	\$ 300,000
Hollywood WTP Membrane Replacement 10-4231	Miami	FL Poole & Kent Company of Florida	City of Hollywood	100%	\$ 1,770,963
SDWWTP HLD Upgrade to 285 MGD Effluent Pump Station S-817	Miami	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 21,008,660
South Miami Heights WTP Reservoir & High Service Pump Station, W-857	Hollywood	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 16,287,364
S.R.W.T.P Oxygen System Upgrade 99-9406	Miami	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 10,438,709
SDWWTP Septage Receiving and Solids Process Building S-629	Boca Raton	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 11,354,490
Finished Water Disinfection and Chemical System Improvements	Miami	FL Poole & Kent Company of Florida	City of Boca Raton	100%	\$ 913,219
SDWWTP Chlorine Contact Tank Nos. 5 to 9, S-812	Fort Lauderdale	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 18,096,498
Regump Stations A, B and E	Jupiter	FL Poole & Kent Company of Florida	City of Fort Lauderdale	100%	\$ 11,734,446
Town of Jupiter Nitrification Plant	Cape Coral	FL Poole & Kent Company of Florida	Town of Jupiter	100%	\$ 36,600,000
North Cape R.O. Facility	Miami	FL Poole & Kent Company of Florida	City of Cape Coral	100%	\$ 44,854,000
SDWWTP Oxygenation Train No. 7 Contract S-816	Belle Glade	FL Poole & Kent Company of Florida	Miami-Dade County	100%	\$ 8,831,950
Lake Region Water Treatment Plant	Belle Glade	FL Poole & Kent Company of Florida	Palm Beach County	100%	\$ 19,727,000
Lake Region WTP Wellfield	Cape Coral	FL Poole & Kent Company of Florida	Palm Beach County	100%	\$ 5,026,000
Southwest WRF Expansion	Vero Beach	FL Poole & Kent Company of Florida	City of Cape Coral	100%	\$ 54,173,000
North County WTP		FL Poole & Kent Company of Florida	Indian River County	100%	\$ 21,080,300



COMPLETED PROJECTS

Project Name	Project Location	Prime Contractor	Owner	Percent Complete	PK Contract Amount
Collier R.O. Plant	Naples	FL Poole & Kent Company of Florida	Collier County	100%	\$ 24,373,000
Lohmeyer Pump Station Improvements	Fort Lauderdale	FL Poole & Kent Company of Florida	City of Fort Lauderdale	100%	\$ 7,351,475
Everest Admin Building	Cape Coral	FL Poole & Kent Company of Florida	City of Cape Coral	100%	\$ 8,668,000
Hollywood Roof / AC Replacement	Hollywood	FL Poole & Kent Company of Florida	City of Hollywood	100%	\$ 597,200
Fireash WTP Filter Rehab	Oakland Park	FL Poole & Kent Company of Florida	City of Fort Lauderdale	100%	\$ 1,748,000

Owner References

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Corporate Data Sheet

Name: Poole & Kent Company of Florida

State of Incorporation: Delaware

Date of Incorporation: June 21, 2004

Federal I. D. Number: 75-3163466

Florida Document No. F04000003751

Stock: 1,000 shares \$.01 par value

Stockholder: MES Holdings Corporation

Qualified in the following states:

Florida July 1, 2004

DIRECTORS

Thomas Hiebert

OFFICERS

Patrick H. Carr	President/Treasurer/Chief Executive Officer (authority resolution)
Richard Harrington	Chief Financial Officer/Secretary
Brian D. MacClugage	Executive Vice President/Asst. Secretary (authority resolution)
David Strickland	Senior Vice President/Asst. Secretary (authority resolution)
Asif Shaikh	Senior Vice President
Kevin Smith	Vice President
David BuShea	Vice President
Wendy Campbell	Vice President
Thomas Hiebert	Vice President
Jason Nalbandian	Vice President
Mark M. Porto	Asst. Secretary

RESIDENT AGENT

Corporation Service Company
1201 Hays Street
Tallahassee, FL 32301

State of Florida Authorization Certificate

State of Florida Department of State

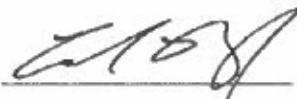
I certify from the records of this office that POOLE & KENT COMPANY OF FLORIDA is a Delaware corporation authorized to transact business in the State of Florida, qualified on July 1, 2004.

The document number of this corporation is F04000003751.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on May 20, 2025, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Twentieth day of May, 2025*

A handwritten signature in black ink, appearing to be "C. J. Scott", is written over a horizontal line.

Secretary of State

Tracking Number: 0898446132CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



Financial Statement

Please see attached as requested.

For the full report, please visit: <https://emcorgroup.com/investor-relations/annual-reports>

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

FORM 10-K

☒ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended **December 31, 2024**

☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____
Commission file number **1-8267**

EMCOR Group, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

11-2125338

(I.R.S. Employer Identification Number)

301 Merritt Seven

Norwalk, Connecticut

06851-1092

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code: (203) 849-7800

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol	Name of each exchange on which registered
Common Stock	EME	New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes ☒ No ☐

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Securities Exchange Act. Yes ☐ No ☒

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Section 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large Accelerated Filer ☒ Accelerated Filer ☐ Non-accelerated Filer ☐ Smaller Reporting Company ☐ Emerging Growth Company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report. ☒

If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrant included in the filing reflect the correction of an error to previously issued financial statements. ☐

Indicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to §240.10D-1(b). ☐

Indicate by check mark whether the registrant is a shell company (as defined by Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

EMCOR Group, Inc. and Subsidiaries
CONSOLIDATED BALANCE SHEETS
(In thousands, except share and per share data)

	December 31, 2024	December 31, 2023
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 1,339,550	\$ 789,750
Accounts receivable, less allowance for credit losses of \$34,957 and \$22,502, respectively	3,577,537	3,203,490
Contract assets	284,791	269,885
Inventories	95,667	110,774
Prepaid expenses and other	91,644	73,072
Total current assets	5,389,189	4,446,971
Property, plant, and equipment, net	207,489	179,378
Operating lease right-of-use assets	316,128	310,498
Goodwill	1,018,415	956,549
Identifiable intangible assets, net	648,180	586,032
Other assets	137,072	130,293
Total assets	\$ 7,716,473	\$ 6,609,721
LIABILITIES AND EQUITY		
Current liabilities:		
Accounts payable	\$ 937,087	\$ 935,967
Contract liabilities	2,047,540	1,595,109
Accrued payroll and benefits	751,434	596,936
Other accrued expenses and liabilities	336,555	315,107
Operating lease liabilities, current	81,247	75,236
Total current liabilities	4,153,863	3,518,355
Operating lease liabilities, long-term	261,575	259,430
Other long-term obligations	362,341	361,121
Total liabilities	4,777,779	4,138,906
Equity:		
EMCOR Group, Inc. stockholders' equity:		
Preferred stock, \$0.10 par value, 1,000,000 shares authorized, zero issued and outstanding	—	—
Common stock, \$0.01 par value, 200,000,000 shares authorized, 61,186,088 and 61,094,042 shares issued, respectively	612	611
Capital surplus	97,475	91,813
Accumulated other comprehensive loss	(85,527)	(85,704)
Retained earnings	4,778,061	3,814,439
Treasury stock, at cost 15,375,963 and 14,046,777 shares, respectively	(1,852,964)	(1,351,381)
Total EMCOR Group, Inc. stockholders' equity	2,937,657	2,469,778
Noncontrolling interests	1,037	1,037
Total equity	2,938,694	2,470,815
Total liabilities and equity	\$ 7,716,473	\$ 6,609,721

The accompanying notes to consolidated financial statements are an integral part of these statements.

EMCOR Group, Inc. and Subsidiaries
CONSOLIDATED STATEMENTS OF OPERATIONS
For The Years Ended December 31,
(In thousands, except per share data)

	2024	2023	2022
Revenues	\$ 14,566,116	\$ 12,582,873	\$ 11,076,120
Cost of sales	11,801,065	10,493,534	9,472,526
Gross profit	2,765,051	2,089,339	1,603,594
Selling, general and administrative expenses	1,420,188	1,211,233	1,038,717
Impairment loss on long-lived assets	—	2,350	—
Operating income	1,344,863	875,756	564,877
Net periodic pension income (cost)	894	(1,119)	4,311
Interest expense	(3,779)	(17,199)	(13,199)
Interest income	35,404	15,415	2,761
Income before income taxes	1,377,382	872,853	558,750
Income tax provision	370,237	239,524	152,628
Net income including noncontrolling interests	1,007,145	633,329	406,122
Net income attributable to noncontrolling interests	—	335	—
Net income attributable to EMCOR Group, Inc.	\$ 1,007,145	\$ 632,994	\$ 406,122
Basic earnings per common share	\$ 21.61	\$ 13.37	\$ 8.13
Diluted earnings per common share	\$ 21.52	\$ 13.31	\$ 8.10
Dividends declared per common share	\$ 0.93	\$ 0.69	\$ 0.54

The accompanying notes to consolidated financial statements are an integral part of these statements.

EMCOR Group, Inc. and Subsidiaries
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
For The Years Ended December 31,
(In thousands)

	2024	2023	2022
Net income including noncontrolling interests	\$ 1,007,145	\$ 633,329	\$ 406,122
Other comprehensive income (loss), net of tax:			
Foreign currency translation adjustments	(2,900)	6,417	(10,786)
Changes in post-retirement plans ⁽¹⁾	3,077	1,330	897
Other comprehensive income (loss)	177	7,747	(9,889)
Comprehensive income	1,007,322	641,076	396,233
Comprehensive income attributable to noncontrolling interests	—	335	—
Comprehensive income attributable to EMCOR Group, Inc.	\$ 1,007,322	\$ 640,741	\$ 396,233

(1) Net of tax provision of \$1.0 million, \$0.5 million, and \$0.3 million for the years ended December 31, 2024, 2023, and 2022, respectively.

The accompanying notes to consolidated financial statements are an integral part of these statements.

EMCOR Group, Inc. and Subsidiaries
CONSOLIDATED STATEMENTS OF CASH FLOWS
For The Years Ended December 31,
(In thousands)

	2024	2023	2022
Cash flows - operating activities:			
Net income including noncontrolling interests	\$ 1,007,145	\$ 633,329	\$ 406,122
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation and amortization	56,678	51,822	47,296
Amortization of identifiable intangible assets	77,002	67,143	61,315
Provision for credit losses	17,303	7,859	5,166
Deferred income taxes	(29,115)	(16,651)	10,483
Gain on sale or disposal of property, plant, and equipment	(1,012)	(2,057)	(6,393)
Excess tax benefits from share-based compensation	(3,978)	(1,719)	(1,654)
Equity income from unconsolidated entities	(98)	(1,660)	(391)
Non-cash expense for amortization of debt issuance costs	822	960	960
Non-cash expense from contingent consideration arrangements	8,892	2,287	1,610
Non-cash expense for impairment of long-lived assets	—	2,350	—
Non-cash share-based compensation expense	19,978	13,739	12,125
Distributions from unconsolidated entities	1,554	400	400
Changes in operating assets and liabilities, excluding the effect of businesses acquired:			
Increase in accounts receivable	(311,504)	(626,494)	(340,091)
Decrease (increase) in inventories	17,982	(23,442)	(31,541)
(Increase) decrease in contract assets	(13,318)	5,733	(44,725)
(Decrease) increase in accounts payable	(15,362)	82,192	111,488
Increase in contract liabilities	426,628	489,728	299,897
Increase (decrease) in accrued payroll and benefits and other accrued expenses and liabilities	148,490	189,268	(30,025)
Changes in other assets and liabilities, net	(193)	24,868	(4,109)
Net cash provided by operating activities	1,407,894	899,655	497,933
Cash flows - investing activities:			
Payments for acquisitions of businesses, net of cash acquired	(228,173)	(96,491)	(98,656)
Proceeds from sale or disposal of property, plant, and equipment	3,839	13,604	7,145
Purchases of property, plant, and equipment	(74,950)	(78,404)	(49,289)
Net cash used in investing activities	(299,284)	(161,291)	(140,800)
Cash flows - financing activities:			
Proceeds from revolving credit facility	—	200,000	270,000
Repayments of revolving credit facility	—	(200,000)	(270,000)
Repayments of long-term debt and debt issuance costs	—	(246,171)	(13,875)
Repayments of finance lease liabilities	(2,855)	(2,776)	(3,551)
Dividends paid to stockholders	(43,384)	(32,684)	(27,187)
Repurchases of common stock	(489,820)	(127,713)	(660,609)
Taxes paid related to net share settlements of equity awards	(15,397)	(6,060)	(7,539)
Issuances of common stock under employee stock purchase plan	943	9,189	8,177
Payments for contingent consideration arrangements	(4,852)	(5,839)	(5,534)
Net cash used in financing activities	(555,365)	(412,054)	(710,118)
Effect of exchange rate changes on cash, cash equivalents, and restricted cash	(2,600)	6,372	(12,515)
Increase (decrease) in cash, cash equivalents, and restricted cash	550,645	332,682	(365,500)
Cash, cash equivalents, and restricted cash at beginning of year ⁽¹⁾	789,750	457,068	822,568
Cash, cash equivalents, and restricted cash at end of period ⁽¹⁾	\$ 1,340,395	\$ 789,750	\$ 457,068

(1) Includes \$0.8 million, \$0.6 million, and \$1.2 million of restricted cash classified as "Prepaid expenses and other" in the Consolidated Balance Sheets as of December 31, 2024, 2022, and 2021, respectively.

The accompanying notes to consolidated financial statements are an integral part of these statements.

EMCOR Group, Inc. and Subsidiaries
CONSOLIDATED STATEMENTS OF EQUITY
For The Years Ended December 31,
(In thousands)

	EMCOR Group, Inc. Stockholders						
	Total	Common stock	Capital surplus	Accumulated other comprehensive loss ⁽¹⁾	Retained earnings	Treasury stock	Noncontrolling interests
Balance, December 31, 2021	\$ 2,253,089	\$ 607	\$ 61,874	\$ (83,562)	\$ 2,835,504	\$ (562,036)	\$ 702
Net income including noncontrolling interests	406,122	—	—	—	406,122	—	—
Other comprehensive loss	(9,889)	—	—	(9,889)	—	—	—
Common stock issued under share-based compensation plans	2	2	—	—	—	—	—
Tax withholding for common stock issued under share-based compensation plans	(7,539)	—	(7,539)	—	—	—	—
Common stock issued under employee stock purchase plan	8,177	—	8,177	—	—	—	—
Common stock dividends	(27,187)	—	158	—	(27,345)	—	—
Repurchases of common stock	(660,609)	—	—	—	—	(660,609)	—
Share-based compensation expense	12,125	—	12,125	—	—	—	—
Balance, December 31, 2022	\$ 1,974,291	\$ 609	\$ 74,795	\$ (93,451)	\$ 3,214,281	\$ (1,222,645)	\$ 702
Net income including noncontrolling interests	633,329	—	—	—	632,994	—	335
Other comprehensive income	7,747	—	—	7,747	—	—	—
Common stock issued under share-based compensation plans	—	2	(2)	—	—	—	—
Tax withholding for common stock issued under share-based compensation plans	(6,060)	—	(6,060)	—	—	—	—
Common stock issued under employee stock purchase plan	9,189	—	9,189	—	—	—	—
Common stock dividends	(32,684)	—	152	—	(32,836)	—	—
Repurchases of common stock	(128,736)	—	—	—	—	(128,736)	—
Share-based compensation expense	13,739	—	13,739	—	—	—	—
Balance, December 31, 2023	\$ 2,470,815	\$ 611	\$ 91,813	\$ (85,704)	\$ 3,814,439	\$ (1,351,381)	\$ 1,037
Net income including noncontrolling interests	1,007,145	—	—	—	1,007,145	—	—
Other comprehensive income	177	—	—	177	—	—	—
Common stock issued under share-based compensation plans	—	1	(1)	—	—	—	—
Tax withholding for common stock issued under share-based compensation plans	(15,397)	—	(15,397)	—	—	—	—
Common stock issued under employee stock purchase plan	943	—	943	—	—	—	—
Common stock dividends	(43,384)	—	139	—	(43,523)	—	—
Repurchases of common stock	(501,583)	—	—	—	—	(501,583)	—
Share-based compensation expense	19,978	—	19,978	—	—	—	—
Balance, December 31, 2024	\$ 2,938,694	\$ 612	\$ 97,475	\$ (85,527)	\$ 4,778,061	\$ (1,852,964)	\$ 1,037

(1) Represents cumulative foreign currency translation and post-retirement liability adjustments of \$(4.7) million and \$(80.8) million, respectively, as of December 31, 2024, \$(1.8) million and \$(83.9) million, respectively, as of December 31, 2023, and \$(8.3) million and \$(85.2) million, respectively, as of December 31, 2022.

The accompanying notes to consolidated financial statements are an integral part of these statements.



Credit Information

Poole & Kent Company of Florida is a wholly owned subsidiary of EMCOR Group, Inc., a publicly traded company on the New York Stock Exchange.

Type of Business: General Contractors

Our Business is a Corporation.

Federal ID# 75-3163466

Names of Officers:

Patrick H. Carr
Richard Harrington

President / Chief Executive Officer
Chief Financial Officer / Secretary

Bank Reference:

BMO Harris Bank N.A.
Engineering & Construction
320 S. Canal Street, 15th Floor
Chicago, IL 60606
Contact: Marilyn Bond, Assistant Vice President
Phone: 312.461.2966
Email: marilyn.bond@bmo.com
Acct. #249-303-9

Trade References:

Corcel Corp.
2461 N.W. 23rd Street
Miami, FL 33142
(305) 636-1880 – phone
(305) 636-1897 – fax
(305) 431-3743 – cell

Lehman Pipe & Plumbing Supply
3575 N.W. 36th Street
Miami, FL 33142
(305) 576-3054 – phone
(305) 576-3066 – fax
(786) 395-3168 – cell

Ferguson Waterworks
1950 N.W. 18th Street
Pompano Beach, FL 33069
(954) 973-8100 – phone
(954) 917-3134 – fax
(757) 449-6883 – direct

Ray Corona, President
ray@corcelcorp.com

Josh Aberman, President
josh@lehmanpipe.com

Alexander Rhodes, Credit Manager
alexander.rhodes@ferguson.com

Special Instructions:

All invoices **must** have a purchase order number or a job number.



Bonding

SURETY COMPANIES

**Travelers Casualty & Surety
Company of America**
343 Thornall Street, 5th Floor
Edison, NJ 08837-2238
Contact: Lindsay Oddi
P: 732-321-5616
Rated A++ (Superior)

Chubb & Son
a division of Federal Insurance Company
3 Mountainview Road, Suite 103
Warren, NJ 07059
Contact: Justin Shangold
P: 908-360-7927
Rated A++ (Superior)

BONDING AGENT

Alliant Insurance Services, Inc.
333 Earle Ovington Blvd., Suite 700
Uniondale, NY 11553-3610
Contact: Nelly Renchiwich
P: 516-414-8905
Florida License #W447916

Florida Resident Agent(s)

7108 Fairway Drive, Suite 225 Palm Beach Gardens, FL 33418 Contact: Peter F. Jones P: 561-214-6371	2701 N Rocky Point Drive, Suite 960 Tampa, FL 33607 Contact: Peggy Ginem P: 813-462-5621
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BONDING CAPACITY

AGGREGATE	\$1,000,000,000
INDIVIDUAL PROJECT	\$250,000,000



Insurance

Poole & Kent Company of Florida (P&K) can provide the proper types of insurance that meet your requirements. All of our insurance carriers have an A.M. Best Rating of "A" or higher.

◆ Continental Casualty Company [General / Automobile]	A.M. Best Rating: A (Excellent)
◆ American Casualty Company of Reading, PA [Workers Compensation]	A.M. Best Rating: A (Excellent)
◆ Continental Insurance Company [Umbrella]	A.M. Best Rating: A (Excellent)
◆ Employers Insurance Company of Wausau [Property]	A.M. Best Rating: A (Excellent)
◆ Liberty Mutual Fire Insurance Company [Builder's Risk]	A.M. Best Rating: A (Excellent)
◆ Berkley Assurance Company [Pollution / Professional]	A.M. Best Rating: A+ (Superior)

Marsh USA, Inc.

Contact: Brian M. Lynch

Phone: 212-345-0557

Broker for Continental Casualty Company / American Casualty Company / Continental Insurance Company

Willis Towers Watson Northeast, Inc.

Contact: Kristin Adams

Phone: 617-638-3700

Broker for Employers Insurance Company of Wausau / Liberty Mutual Fire Insurance / Berkley Assurance Company

Refer to the attached evidence of insurance.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

09/21/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER MARSH USA LLC 1166 AVENUE OF THE AMERICAS NEW YORK, NY 10036 Phone: 866-966-4684 Emcor.Certrequest@marsh.com / Fax: 203-229-6787 CN102796740-POOLE-COM-24-25	CONTACT NAME: PHONE (A/C, No., Ext): E-MAIL: ADDRESS: FAX (A/C, No.): <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> <tr> <td>INSURER A : Continental Casualty Company</td> <td>20443</td> </tr> <tr> <td>INSURER B : American Casualty Company of Reading, PA</td> <td>20427</td> </tr> <tr> <td>INSURER C : Transportation Insurance Co</td> <td>20494</td> </tr> <tr> <td>INSURER D : Continental Insurance Company</td> <td>35289</td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Continental Casualty Company	20443	INSURER B : American Casualty Company of Reading, PA	20427	INSURER C : Transportation Insurance Co	20494	INSURER D : Continental Insurance Company	35289	INSURER E :		INSURER F :	
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INSURER F :															
INSURED POOLE & KENT COMPANY OF FLORIDA 1781 N.W. NORTH RIVER DR. MIAMI, FL 33125															

COVERAGES **CERTIFICATE NUMBER:** NYC-009223892-39 **REVISION NUMBER: 22**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD / WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PROJECT ☐ LOC OTHER:		GL 7092778897	10/01/2024	10/01/2025	EACH OCCURRENCE \$ 12,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 5,000,000 GENERAL AGGREGATE \$ 14,000,000 PRODUCTS - COM/OP AGG \$ 14,000,000
A	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ONLY ☒ NON-OWNED AUTOS ONLY		BUA 7092778902	10/01/2024	10/01/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 12,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Auto Physical Damage \$ Included
D	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☒ RETENTION \$ 10,000		CUE 7094548497	10/01/2024	10/01/2025	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
B D C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N ☒ N ☐ A	WC 7 92781590 (AOS) WC 7 92783954 (CA) WC 7 92798289 (AZ, OR, WI)	10/01/2024 10/01/2024 10/01/2024	10/01/2025 10/01/2025 10/01/2025	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

EVIDENCE OF COVERAGE

CERTIFICATE HOLDER

POOLE & KENT COMPANY OF FLORIDA
 1781 N.W. NORTH RIVER DR.
 MIAMI, FL 33125

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
 of Marsh USA LLC

Marsh USA LLC

AGENCY CUSTOMER ID: CN102796740

LOC #: Norwalk



ADDITIONAL REMARKS SCHEDULE

Page 2 of 2

AGENCY ***MARSH USA LLC		NAMED INSURED POOLE & KENT COMPANY OF FLORIDA 1781 N.W. NORTH RIVER DR. MIAMI, FL 33125
POLICY NUMBER		
CARRIER	NAIC CODE	
EFFECTIVE DATE:		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM.

FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

AUTO PHYSICAL DAMAGE COMP / COLL DEDUCTIBLE \$500

FOR WORKER'S COMPENSATION, AUTO LIABILITY, GENERAL LIABILITY AND UMBRELLA LIABILITY:

IN THE EVENT OF CANCELLATION OR MATERIAL CHANGE THAT REDUCES OR RESTRICTS THE INSURANCE AFFORDED BY THIS COVERAGE PART (OTHER THAN THE REDUCTION OF AGGREGATE LIMITS THROUGH PAYMENT OF CLAIMS AS APPLICABLE), INSURER AGREES TO MAIL PRIOR WRITTEN NOTICE OF CANCELLATION OR MATERIAL CHANGE TO: CERTIFICATE HOLDER

SCHEDULE

1. NUMBER OF DAYS ADVANCE NOTICE: FOR ANY STATUTORILY PERMITTED REASON OTHER THAN NON-PAYMENT OF PREMIUM, THE NUMBER OF DAYS REQUIRED FOR NOTICE OF CANCELLATION AS PROVIDED IN PARAGRAPH 2 OF EITHER THE CANCELLATION COMMON POLICY CONDITIONS OR AS AMENDED BY THE APPLICABLE STATE CANCELLATION ENDORSEMENT IS INCREASED TO THE LESSER OF 60 DAYS OR THE NUMBER OF DAYS REQUIRED IN A WRITTEN CONTRACT.

FOR NON-PAYMENT OF PREMIUM, THE GREATER OF (1) THE NUMBER OF DAYS REQUIRED BY STATE LAW OR (2) THE NUMBER OF DAYS REQUIRED BY WRITTEN CONTRACT.

2. NAME:

NOTICE WILL BE MAILED TO: CERTIFICATE HOLDER



CERTIFICATE OF PROPERTY INSURANCE

DATE (MM/DD/YYYY)
09/27/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

PRODUCER Willis Towers Watson Northeast, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	CONTACT NAME: WTW Certificate Center PHONE (A/C, No, Ext): 1-877-945-7378 FAX (A/C, No): 1-888-467-2378 E-MAIL ADDRESS: certificates@wtwo.com PRODUCER CUSTOMER ID:														
INSURED Poole & Kent Company of Florida 1781 NW North River Drive Miami, FL 33125	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Employers Insurance Company of Wausau</td> <td>21458</td> </tr> <tr> <td>INSURER B: Liberty Mutual Fire Insurance Company</td> <td>23035</td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Employers Insurance Company of Wausau	21458	INSURER B: Liberty Mutual Fire Insurance Company	23035	INSURER C:		INSURER D:		INSURER E:		INSURER F:	
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INSURER C:															
INSURER D:															
INSURER E:															
INSURER F:															

COVERAGES

CERTIFICATE NUMBER: W35309131

REVISION NUMBER:

LOCATION OF PREMISES / DESCRIPTION OF PROPERTY (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Evidence of Insurance

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	COVERED PROPERTY	LIMITS
A	☒ PROPERTY	YAC-L9L-476863-014	10/01/2024	03/31/2026	BUILDING	\$
	CAUSES OF LOSS				PERSONAL PROPERTY	\$
	☐ BASIC				☒ BUSINESS INCOME	\$ 1,000,000
	☐ BROAD				☒ EXTRA EXPENSE	\$ 1,000,000
	☒ SPECIAL				RENTAL VALUE	\$
	EARTHQUAKE				BLANKET BUILDING	\$
	WIND				BLANKET PERSONAL PROPERTY	\$
	FLOOD				☒ BLANKET BLDG & PP	\$ Included
	☒ All Risk Exclusions				Loss Limit	\$ 12,500,000
B	☒ INLAND MARINE	TYPE OF POLICY	10/01/2023	10/01/2025	☒ Job Site	\$ \$10,000,000
	CAUSES OF LOSS	Equip Floater / Builders Risk			☒ In Transit	\$ \$2,500,000
	☒ NAMED PERILS	POLICY NUMBER			☒ Temp Storage	\$ \$3,000,000
	☒ All Risk	M22-L9L-476870-013			☒ Cont Equipment	\$ \$2,500,000
	CRIME					\$
	TYPE OF POLICY					\$
	BOILER & MACHINERY / EQUIPMENT BREAKDOWN					\$
						\$
						\$

SPECIAL CONDITIONS / OTHER COVERAGES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Contractor's Equipment policy # M32-L9L-476870-024. Carrier: Liberty Mutual Insurance Company. Eff Date: 10/01/2024 - 03/31/2026. Contractor's Equipment includes owned/leased/rented/borrowed equipment.

CERTIFICATE HOLDER

CANCELLATION

Poole & Kent Company of Florida 1781 NW North River Drive Miami, FL 33125	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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© 1995-2015 ACORD CORPORATION. All rights reserved.



CERTIFICATE OF LIABILITY INSURANCE

 DATE (MM/DD/YYYY)
10/25/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Willis Towers Watson Northeast, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	CONTACT NAME: WTW Certificate Center PHONE (A/C, No, Ext): 1-877-945-7378 FAX (A/C, No): 1-888-467-2378 E-MAIL: certificates@wtwco.com ADDRESS:														
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COVERAGES
CERTIFICATE NUMBER: W35877551

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☐ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS NON-OWNED AUTOS ONLY ☐ HIRED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB ☐ OCCUR EXCESS LIAB ☐ CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Pollution Liability			PCAB-5023434-1024	10/31/2024	10/31/2025	Per Occurrence \$2,000,000 Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of Insurance.

CERTIFICATE HOLDER
CANCELLATION

Poole & Kent Company of Florida 1781 NW N. River Drive Miami, FL 33125	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Patricia A. Fry</i>
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CERTIFICATE OF LIABILITY INSURANCE

 DATE (MM/DD/YYYY)
10/25/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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REVISION NUMBER:

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A	Professional Liability		PCAB-5023434-1024	10/31/2024	10/31/2025	Per Claim \$2,000,000 Aggregate \$2,000,000

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Poole & Kent Company of Florida Resources

KEY PERSONNEL & LABOR RESOURCES

- Project Executive → Brian MacClugage
- Construction Qualifier → David Strickland
- Proposed Project Manager(s) → Jason Padilla, Stephen Polk II

Management will be supported by field supervision, administrative, and support staff as required. Labor for self-performed mechanical work will be provided through Local Union 725, Miami. Although it is not required, Poole & Kent will endeavor to hire local Miami-Dade County residents whenever possible.

EQUIPMENT & FACILITIES RESOURCES

Heavy equipment such as cranes, backhoes, loaders, etc. will be rented/leased as needed from local suppliers with which Poole & Kent has established relationships. Additionally, we will have a dedicated field office for the project which will be supported by our Miami Office Headquarters and Fabrication Shop.



Brian MacClugage joined the Poole & Kent team in 1989 after graduating from the University of Miami with a Bachelor of Science in Mechanical Engineering. He has over 35 years of construction experience on an expansive range of mechanically intensive projects including design-build, construction management, and traditional delivery formats in the healthcare, aviation, commercial, and heavy civil sectors.

Prior to becoming Poole & Kent's Executive Vice President, Brian served as project executive of numerous large-scale projects in Florida, including the \$135 million 235-MGD filter system project as part of Miami-Dade's High-Level Disinfection Program at South District Wastewater Treatment Plant and the \$50 million Central Chiller Plants East & West Expansion at the Miami International Airport.

Since 2013, Brian has served as Executive Vice President with executive duties including: safety and quality control; management of office and field supervision staff; estimating and bidding projects; oversight of project managers; manpower, material and resource management; and trade coordination in order to guarantee safe, timely, cost-effective, and high-quality project delivery.

Position

Executive Vice President

Education

B.S., Mechanical Engineering
 University of Miami

Professional

American Society of Mechanical
 Engineers

Experience

36 Years

Joined Firm

1989

Relevant Expertise

- Design-Build
- Preconstruction and Scheduling Services
- Initial Project Planning
- Value Engineering
- Cost Control
- Conflict Resolution
- Resource Management
- Mentoring of Small Business Firms
- Client Relations

Partial Listing of Recent Water/ Wastewater Treatment Plant Project Experience

Design-Build Services for the Construction of South District WWTP and Central District WWTP Sludge Thickening and Dewatering Buildings, DB18-WASD-02 | Miami

This \$210 million project includes the design, construction, and commissioning of new thickening and dewatering facilities at two operational wastewater treatment plants including all civil/site, process mechanical, architectural, structural, electrical, instrumentation, plumbing, HVAC, fire protection, odor control requirements, and all other components to facilitate the operation of the new facilities as required.

SDWWTP ST-2B Clarifiers and HLD, Contract S-932 | Miami

This \$84.3 million project includes the construction of a new junction box to split the flow from the oxygenation tanks into two (2) new clarifiers, construction of one (1) new clarifier including inlet and outlet piping and Return Activated Sludge (RAS) piping, modification of existing RAS Pump Station No. 3 with installation of three (3) additional RAS pumps with piping system, modification of a pipe segment inside RAS Pump Station No. 1, construction of a Transfer Pump Station (TPS) Bypass Channel on the north side, construction of six (6) new filters, and associated yard piping.

Oxygenation Trains 1-7 Rehabilitation and Electrical Buildings, Contract S-935 | Miami

This \$80.5 million project includes improvements to seven (7) existing oxygenation trains, construction of two (2) new electrical buildings, yard piping, and site improvements at an operational wastewater treatment plant.

SDWWTP ST-2A Headworks 3, O2 Trains 9 & 10, and Substation 57/58, Contract S-931 | Miami

This \$107.6M project consists of the construction of a new influent force main tie-in on SW 232nd Street, a new influent metering valve box, a new headworks building (Headworks 3) with an attached odor control building, construction of two (2) new oxygenation trains (Ox. Trains 9 and 10), construction of a new substation and electrical building, and the integration of these new structures with the rest of the operational facility.

CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1 Through 6, Contract S-922 | Miami

This \$25 million project consisted of electrical improvements at the Effluent Pump Station No. 1 for Pumps 1 through 6 at an operational wastewater treatment plant. The SDWWTP Effluent Pump Station No. 1 consists of twelve (12) vertical turbine pumps which pump treated effluent from the plant to the injection wells onsite. The electrical improvements consist of replacing the motors for existing Effluent Pumps 1 through 6 with new 900 horsepower motors, and the construction of a new two-story electrical building which will house all new electrical switchgear, transformers, motor control centers, variable frequency drives, and other electrical & control equipment for pump station operation.

North Regional WWTP Facility Improvements – Solids | Pompano Beach

This \$55.9 million project includes the construction of solids facility improvements at an operational wastewater treatment plant. The existing solids treatment facilities include biosolids thickening, stabilization and dewatering facilities that require upgrades which include dissolved air flotation (DAF) pumps and equipment, digester covers, digester gas mixing systems, digester sludge equipment, gas piping, belt filter presses, and two (2) new centrifuges.

North Regional WWTP Reclaimed Water Plant Expansion | Pompano Beach

The \$53 million project includes the following construction components: Expansion and modification of the existing filter feed pump station to be able to convey up to an annual average daily flow of approximately twenty-nine (29) million gallons per day (mgd) to the tertiary filtration system; Installation of a new partitioned concrete structure that includes new top feed upflow filter units for a rated treatment capacity of twenty-six (26) mgd; Installation of a new structure for the chlorine contact tank (CCT) to provide the necessary tank volume for sufficient hydraulic retention and adequate mixing for the disinfection process; a new concrete slab and containment area that will house new chemical storage tanks (bulk tanks) and chemical transfer/metering pumping equipment for the chemical coagulation system and the commercial sodium hypochlorite system; A new two (2)-story concrete building to house new electrical transformers, motor control centers, standby generators and mechanical appurtenances associated with this expansion; Expansion of the reclaimed water distribution building to install new high service pumps to supply the new reclaimed water customers in northern Broward County and Palm Beach County (PBC) up to an annual average daily flow of twenty-six (26) mgd; Extension of reclaimed water transmission piping up to West property line; New process yard piping connecting to the new process areas; Auxiliary systems and facilities inclusive of performance monitoring/controls, reject water management, sanitary drain piping/lift station, and standby power generation and fuel storage; Civil-site modifications as required to maintain adequate grading for the new facilities, to provide service roads to the new additions and to expand the existing stormwater collection to compensate for the addition of the new structures.

ECR Wastewater Reclamation Facility Biosolids Improvements | West Palm Beach

This \$97 million project includes the construction of 22 structures at an existing water reclamation facility. The project includes converting Sludge Decant No. 1 to an Aerated Waste Activated Sludge (WAS) Storage Tank, including rehabilitation of the tank structure, installation of a new coarse-bubble diffused aeration system, and construction of a new blower building; Converting Sludge Decant Tank No. 2 to a Centrate Equalization Tank, including rehabilitation of the tank structure, installation of mixing equipment and construction of a new equalized centrate return pump station; Upgrades to the existing Gravity Belt Thickening Facility, including installation of new gravity belt thickener feed pumps, refurbishment of three gravity belt thickening systems, installation of a new gravity belt thickener, and installation of a new liquid polymer storage/feed system; A new Thickened Waste Activated Sludge Storage Tank, consisting of two cells, each equipped with a vertical mixer; A new Temperature-Phased Anaerobic Digestion Facility, including six (6) digesters, sludge pumping and heating equipment rooms, a boiler room, a digester gas compressor room, and waste gas burners; A new Digested Sludge Holding Tank, consisting of three cells, each equipped with a vertical mixer; A new Centrifuge Dewatering Facility; a three-story building containing four high solids centrifuges, four sludge cake storage hoppers, sludge cake conveying equipment, a two-lane truck loading station and a liquid polymer storage/feed system; Two (2) new Septage Receiving Stations and a new FOG (fats/oils/greases) Receiving Station; A new Ferric Chloride Storage and Pumping Facility; New biosolids odor control facilities; Converting the existing aerobic digester to Aeration Basin No. 1, including structural demolition, new baffle walls and walkways, a new fine-bubble diffused aeration system, anaerobic zone vertical mixers, and influent and effluent structures; Sitework, including but not limited to, new gravity drain piping network, new storm water collection network, new process yard piping, grading, paving and striping; Expansion of electrical power distribution system; Expansion and upgrades to existing SCADA system; Demolition of existing infrastructure to facilitate new construction. P&K is working closely with the Owner to maintain operations during the construction duration.

Headworks and Grit Removal Improvements at the ECRWRF | West Palm Beach

This \$6.4 million project included the demolition and removal of the three existing influent flow meters and installation of new influent flow meters and associated piping, electrical connection and instrumentation; refurbishment of drainage sumps in the influent meter vault and replacement of the two sump pumps, including removal and disposal of accumulated solids in the mixing chamber of the Headworks Structure. Demolition and removal of the five existing mechanically cleaned influent bar screens and installation of five new center flow band screens, including new compactors, shaftless screw conveyor, and associated piping, above ground electrical conduit, electrical panels and controls. Structural repairs and modifications to the influent screen channels and top slab to accommodate the new influent screens, including demolition of the existing Screenings Building and construction of a new Screenings Building and demolition and removal of the two existing grit pumps and replacement with two new grit pumps, including associated piping, valves, and electrical panels and controls. Demolition and removal of the two existing cyclone/classifiers and replacement with two new cyclone/classifiers, including associated piping, valves, and electrical panels and controls, including structural repairs to the interior concrete surfaces of the two existing grit chambers by recoating the influent screen channels, grit removal channels and grit chambers following structural repair. Installation of new manual slide gates in the grit chamber influent and effluent channels including, the installation of new odor control covers and handrail in the grit removal area along with modification of the existing electrical power distribution system to deliver power to the Headworks Structure from a common location and to achieve Class 1 reliability. Miscellaneous Sitework improvements, including new gravity drain piping, new process yard piping, new electrical conduit, grading and paving, this includes operation of the ECRWRF Influent Bypass Structure during the period that the Headworks Structure is off-line.

Three Oaks WWTP Oxidation Ditch Improvements | Fort Myers

This \$12.6 million project included the demolition of existing tanks, process structures, chemical feed systems, and associated piping; sludge and grit removal from the existing plant; headworks modifications; modifications to Oxidation Ditches 1, 2, 3; construction of new Oxidation Ditch 4; construction Clarifiers 3, 4, 5; construction of new Clarifier Splitter Box No. 2; construction of new RAS Pump Station No. 2; construction of new RAS/WWAS Pump Station No. 3; construction of new In-Plant Pump Station No. 2; construction of new In-Plant Pump Station No. 5; modifications to Belt Filter Press Feed Pump Station; modifications to Effluent Pump Station; modifications to existing Odor Control System; modifications to Sodium Hypochlorite Facility; Dewatering; Bypassing; and related for a complete Plant Contractor bid package.

CD 2.15(1) Plant 2 Cluster 1 Digester Upgrades, Contract S-889 | Miami

This \$24.9 million project included the replacement of all existing equipment, valves, piping; and appurtenances; electrical panels, conduits, cables, and lighting; instrumentation and controls; building mechanical; doors, windows and louvers within the digester Control Building and inside Digester Tank Nos. 1, 2, and 4; new digester covers for Digester Tank Nos. 1,2, and 4; new valve vault for Digester Cluster 1, replacement of all digester header yard piping beyond the valve vault which connects the Plant 2 Digester Clusters (including sanitary, hot water supply, hot water return, thickened sludge, and digester gas yard piping beyond valve vault); extension of the existing Electrical Room at the Control Building; structural repairs to and recoating of Control Building and Digester Tank Nos. 1, 2, and 4; and demolition of existing electrical substation buildings in order to construct two new electrical substation buildings.

SDWWTP Digesters, Control Building, Acid Phase, and Substation 7 and 8, Contract S-897 | Miami

This \$93 million Consent Decree project includes upgrades to Digester Cluster 1 and 2, a new Acid Phase Digester Cluster, and new Electrical Substation 7 and 8 Building at an existing 112.5-MGD wastewater treatment plant.

CD 2.19(2) Co-Gen Facility and 2.01(6) Electrical Improvements, Contract S-891 | Miami

This \$49 million project consisted of installing a new Biological H₂S Biogas Treatment System including five (5) bioreactor vessels and equipment containers, a new Co-Gen Switchgear Building that replaced the existing electrical rooms in the Co-Gen Building and Substations No. 17 and No. 18, a new Biogas Treatment Electrical Building, installation of biogas piping from the Plant 1 digesters to the Biological H₂S Treatment System and from the Biological H₂S Treatment System to the co-generation engines in the Co-Gen Building, and replacement of eight (8) rotary sliding vane compressor systems. When the project was near completion, a change order was received to design, furnish, erect, install, and commission new gas spheres.

West Palm Beach WTP UV System and Related Infrastructure | West Palm Beach

This \$26.6 million project consisted of the following: construction of a new process building south of the existing filters to house the new transfer pumps and associated wetwell, UV disinfection system, and associated electrical, chemical storage and feed, interconnecting pipework, City's backup SCADA server, and overhead doors for equipment access; construction of a new reinforced concrete partially buried wetwell structure with four (4) new vertical turbine transfer pumps; installation of UV System consisting of UV reactors containing three (3) to five (5) parallel units, including pipe fittings, isolation valves, and flow meters. UV System also includes header and discharge pipework, valves, and fittings; construction of air-conditioned electrical room to house the electrical equipment for the transfer pump and UV equipment, including 4160V/480V transformers, switchgear, motor control centers, variable frequency drives, uninterruptible power supply (UPS), new CP-2-RIO-5 control cabinet and transfer switches, and UV ballasts; modifications to the West High Service Pump Station and construction of a suction header pipe through the West High Service Pump Station wetwell; demolition of the hydraulic break "bypass structure" and relocation of the existing 30" raw water main within the footprint of the UV/transfer pump building; demolition of the buried 1-MG clearwell; demolition of the filtered water flume, injection point 1, meter shop building, sodium hypochlorite day tank, and metering pump building; construction of a new roadway, site improvements, landscaping and storm water drainage improvements; and instrumentation and control (I/C) and electrical improvements.

Central District WWTP Chlorination Facilities, Contract S-890 | Miami

This \$14.4 million project included the construction of three (3) new buildings on auger cast pile foundation. The Site 1 bulk storage building now has the capacity to house up to eighteen (18) 20,000-gallon fiberglass-reinforced plastic (FRP) above ground tanks. It was built on auger cast pile foundation, has walls to elevation 20.3 but without a roofing system. The Site 1 mechanical electrical building was also built on pile foundation and is completely roofed and is a split elevation building. The Site 2 satellite facility is smaller and is open-sided in the tank storage area and contains a fully enclosed mechanical/electrical room. The entire extent of the satellite building was roofed and has a monorail system for tank removal. The project included the installation of sixteen (16) 20,000-gallon FRP tanks and two (2) 2,500-gallon HDPE tanks. It also included furnishing and installing motor operated diaphragm metering pumps, spill containment troughs, spill containment pumps, magnetic drive pumps, installation of variable frequency drives, motor control centers, transformers, low voltage control panels, electrical switchboards, breakers, starters, lighting, grounding, and lightning protection.

CD 2.03 and 2.04 Plants 1/2 Headworks Upgrades, 2.18(1) Odor Control Systems and 2.25(2) Ventilation Improvements, Contract S-880 | Miami

This \$15 million project included the construction of two new electrical buildings, performing structural modifications within the bypass channel and grit chamber at headworks for both plants, installation of owner furnished equipment to include eight (8) perforated plate screens, four (4) sluice conveyance systems, four (4) washer compactors, two (2) RTUs, installation of six (6) blowers, sixteen (16) stop gates, six (6) slide gates, four (4) rectangular butterfly valves, two (2) booster pumping system for screens, watermain extensions at both plants with back flow, flowmeter and bypass assembly to supply water to screens. Odor control equipment, tanks, ductwork, rollup door replacement, refurbishment of chemical unloading stations within existing air scrubber building area at headworks for plants, performing piping modifications and providing knife gate valves with motor operators at Plant 2 Oxygenation Tank area for each of the four trains, performing RAS line replacement and installing new RAS piping, plug valves with motor operators, flowmeters at Plant 2, installing gas detectors at existing air scrubber buildings and headworks buildings, and making ventilation improvements at the existing air scrubber buildings.

WWRF Disinfection and Effluent Pumping Improvements | Largo

This \$14.5 million project included modifications and conversion of the existing chlorine gas disinfection system to a combination liquid chlorine and peracetic acid disinfection system; modifications and upgrades to the effluent pumping system; construction of new chemical storage/chemical feed facilities; construction of a new electrical building; installation of a new standby generator; and associated yard piping modifications including temporary bypass pumping systems.

Central District WWTP Chlorination Facilities, Contract S-890 | Miami

This \$13.4 million project includes the construction of three new buildings on auger cast pile foundation. The Site 1 bulk storage building will have the capacity to house up to (18) 20,000 gallon fiberglass-reinforced plastic (FRP) above ground tanks. It will be built on auger cast pile foundation, have

walls to elevation 20.3 but without a roofing system. The Site 1 mechanical electrical building will also be built on pile foundation, will be completely roofed and will be a split elevation building. The Site 2 satellite facility is smaller and will be open-sided in the tank storage area and will contain a fully enclosed mechanical/electrical room. The entire extent of the satellite building will be roofed and will have a monorail system for tank removal. The project includes the installation of (16) 20,000 gallon FRP tanks and (2) 2,500 gallon HDPE tanks. It also includes furnishing and installing motor operated diaphragm metering pumps, spill containment troughs, spill containment pumps, magnetic drive pumps, installation of variable frequency drives, motor control centers, transformers, low voltage control panels, electrical switchboards, breakers, starters, lighting, grounding and lightning protection.

NDWWTP Pretreatment/Sludge Transfer Rehab Headworks Upgrade, Contract S-871 | Miami

This \$17.5 million project included the replacement of nine (9) existing bar screens, 6 of which are located in the Pretreatment and Sludge Transfer Building and 3 of which are located in the Aerated Grit/Screening Building with nine (9) owner furnished 6mm automatic perforated plate screens and four (4) new compactors; the construction of a new elevated Electrical Room (Addition) adjacent to the existing Electrical Room in the Pretreatment and Sludge Transfer Building to house new 4160 KV Switchgear, a 480V Motor Control Center (MCC), a new Remote Transfer Unit, new battery bank, and a new instrumentation room. The electrical equipment to be located in this room will be owner furnished. Furnish and install six (6) Eutek Slurry Cups and three (3) Eutek Grit Snails to replace five (5) existing of hydrocyclone degritters and screw classifiers, all of which are located in the Pretreatment and Sludge Transfer Building; furnish and install eight (8) new self-priming centrifugal primary sludge pumps to replace the existing primary sludge pumps to meet the new hydraulic conditions of the degritting system; modifications to the new Motor Control Center to provide electrical feeds to the new equipment located in the Pretreatment and Sludge Transfer Building and Aerated Grit/Screenings Building; structural and architectural modifications to the Pretreatment and Sludge Transfer Building in order to comply with current National Fire Protection Association (NFPA) standards and to accommodate the housing of the new mechanical equipment; the construction of a new forced air ventilation system for the Pretreatment and Sludge Transfer Building and the Aerated/Grit Screening Building; the replacement of all electrical wiring inside the Pretreatment and Sludge Transfer Building; the replacement of all existing electrical motors with new Premium Efficiency Models; the rehabilitation of the existing Foul Air collection system at the Pretreatment and Sludge Transfer Building and at the Aerated Grit/Screenings Building; the replacement of the flushing water pump located in the on-site Chlorine Building; the extension of the flushing water connection line to the Aerated Grit/Screenings Building; and the incorporation of new facilities into the plant wide SCADA system. P&K worked closely with the Owner to maintain operations during the construction duration.

Green Meadows WTP and Wellfield Expansion – Contract A | Fort Myers

This \$10 million project included all process mechanical work for a new 14 MGD water treatment plant including RO/Operations Building, Ion Exchange, Ion Exchange Regeneration, Degasifier/Transfer Pump Station, Backwash Waste Pump Station, and Ammonia/Flouride Systems.

East Port Water Reclamation Facility Stage 1 Improvements | Port Charlotte

P&K was awarded a \$12 million contract by Charlotte County for the construction of a 2.0 MGD aerobic digester, supernatant pump station and truck transfer pumping station; belt filter press feed pump station; emergency generator and fuel storage system; two (2) electrical buildings and related ductbanks, wiring and instrumentation; the repair, replacement, expansion, and/or rehabilitation of: automatic backwash water effluent filter; mechanical bar screen, grit pumps, grit cyclone and washing system; internal recycle and return activated sludge pump systems; a section of plant water pipe; stormwater pond retrofit and improvements, related electrical and instrumentation work, upgrade of existing SCADA systems and expansion of plant fiber optic communication systems, all related equipment, piping, site yard work and related appurtenances.

Punta Gorda WWTP Filtration Improvements | Punta Gorda

This \$3.2 million project consisted of the construction of a filter pump station, deep bed sand filters, clearwell and backwash pumping station, mudwell and pumping station, Chlorine Contact Chamber modifications, chlorine gas system, polymer injection system, effluent sampling structure, associated electrical and control systems, and all piping and equipment necessary to complete a fully functional system.

South District WWTP Cogeneration Facility Improvements, Contract S-854 | Miami

Poole & Kent was awarded this highly complex design-build project in October 2011 with a contract value of \$20 million. The project entailed the upgrade to the existing Cogeneration System at the South District WWTP including design, permitting, supply, fabrication/installation of new cogeneration units, programming of the equipment controls, system check out, start-up, reliability demonstration, performance testing, and warranty of all new cogeneration units and ancillary systems.

South District WWTP HLD Upgrade to 285-mgd Filter System, Contract S-805 | Miami

This \$135 million project, part of the \$628 million high-level disinfection project at the South District WWTP entailed the construction of one of the largest deep bed sand filter systems in the United States. It consisted of 30 cells measuring by 15.25 feet by 88 feet with 6 feet of sand filter media and with space for future expansion up to 48 cells. Construction consisted of (2) Filter System Buildings, Flocculation Tanks, Backwash Tanks, and a Polymer Building. The project required meticulous coordination as 14 other contracts were under construction onsite. The project was completed safely, on schedule, within budget while maintaining plant operations.

Southwest WRF Expansion Plant Upgrades | Cape Coral

This \$55.8 million project expanded the facility from 6.6-mgd to 15.1-mgd capacity. The most challenging aspect during the construction of this project was the schedule constraints of a 24-month time frame to substantial completion, along with continuous extensive coordination with existing facilities and utilities and the electrical work completed under a separate contract. Construction included headworks modifications, grit building, (odor control building, activated sludge basin, RAS/WAS pump station no. 2, plant lift station no. 2, generator building no. 2, diesel fuel storage no. 2 structure, SWBD-4 and 5 buildings, blower building, (3) secondary clarifiers, aqua ABF filter's structure, chlorine contact tank no.'s 3 and 4, effluent transfer pump station, sodium hypochlorite building, aluminum storage and feed modification, reclaimed water pump station, surge tank slab, deep

injection well, and E.R.D. office building. Our work also included all architectural, civil, HVAC, plumbing, mechanical, and site work. This project was completed on time and under budget.

SRWWTP 2002 Upgrades | Hollywood

This \$23.1 million project upgraded many components of the existing facility. The project required detailed coordination in order to ensure plant operations were not impacted during construction. To facilitate plant operations, P&K broke up the work into 6 phases. Phase I included the construction of Oxygenation Train No. 5 and Clarifier No. 8, as well as rehabilitation of and modifications to the Plant Influent Flow Splitter Box. Phase II included the rehabilitation of Oxygenation Train No. 2 and Clarifiers No.'s 3 and 4. Phase III and IV included the rehabilitation of Oxygenation Train No. 1 and Clarifier No.'s 1 and 2. Phase V included the rehabilitation of Oxygenation Train No. 2 and Clarifier No. 5. Phase VI included the rehabilitation of Oxygenation Train No. 4 and Clarifier No. 6. Additionally, Poole & Kent performed all civil, mechanical, structural, instrumentation, electrical, architectural, and HVAC work for this project.

Sawgrass Wastewater Treatment Plant Expansion | Sunrise

The existing wastewater treatment facilities at the Sawgrass Wastewater Treatment Plant were expanded to a capacity of 18.75 MGD with the construction of a new 5 MGD treatment system. The existing biosolids processing facilities were modified and expanded by the addition of a biosolids thickening, stabilization and dewatering system. The project included the construction of: Headworks Structure; Aeration Basins; Blower Building; Secondary Clarifiers; Chlorine Contact Basin; Sodium-Hypochlorite Disinfection System; Dissolved Air Floatation Unit; Autothermal Thermophilic Aerobic Digestion System; Dewatering Building for belt presses and all associated appurtenances.



David Strickland is a Professional Engineer, Senior Vice President, Assistant Secretary, and Construction Qualifier with Poole & Kent Company of Florida with over 35 years of experience in the design and installation of all types of mechanical and electrical systems. Mr. Strickland is responsible for all alternate delivery projects. He uses his knowledge and expertise for business and project development, value engineering, estimating, design, constructability, start-up, test and balance and quality control on some of the most complex mechanical projects in the State.

Position

Senior Vice President
 Assistant Secretary

Experience

38 Years

Joined Firm

1993

Education

West Virginia University
 B.S., Chemical Engineering
 Graduate - Economics / Business, 1986

Florida Professional Engineer No. 46763,
 April 1993

Registrations

Florida Certified:

- General Contractor
 CGC061808
 October 2000
- Electrical Contractor
 EC13002938
 July 2005
- Mechanical Contractor
 CMC057192
 May 2001
- Plumbing Contractor
 CFC057380
 May 2000
- Underground Utility & Excavation
 Contractor
 CUC1223771
 December 2002
- Pollutant Storage System
 Contractor
 PCC1256776
 June 2003
- Fire Protection System
 20371600012010
 April 2011

Partial Listing of Water/Wastewater Treatment Project Experience

Design-Build Services for the Construction of South District WWTP and Central District WWTP Sludge Thickening and Dewatering Buildings, DB18-WASD-02 | Miami

This \$210 million project includes the design, construction, and commissioning of new thickening and dewatering facilities at two operational wastewater treatment plants including all civil/site, process mechanical, architectural, structural, electrical, instrumentation, plumbing, HVAC, fire protection, odor control requirements, and all other components to facilitate the operation of the new facilities as required.

East Port WRF Expansion | Port Charlotte

This \$106.2 million project consists of construction of upgrading the East Port WRF from 6.0 to 9.0 MGD. This includes, but is not limited to, headworks flow splitter box, converting the existing, decommissioned package plant to a 1.4 MG EQ basin, replacement of the septage receiving station, improvements to the existing oxidation ditches 1 and 2, construction of new oxidation ditch 3, advanced water treatment diversion box, construction of the advanced water treatment facility, modifications to the clarifier splitter box, replacement of scum pump station for clarifiers 1 and 2, construct new scum pump station for clarifiers 3 and 4, construct new clarifiers 3 and 4, construct new RAS and WAS pump stations for clarifiers 3 and 4, upgrade filters 1 and 2, construct new filters 3 and 4, upgrade chlorine contact chambers 1 and 2, construct new chlorine contact chambers 3 and 4, construct new chemical feed building, construct new pond transfer pump station, construct new aerobic digester, construct a new dewatering facility, Construct new electrical MCC and switchgear and related duct banks, wiring and instrumentation; upgrade of existing SCADA systems, all site surveys, investigations, geotechnical, related civil/site work, equipment, piping, any bypass or diversions necessary, and related appurtenances.

NE WRF Improvements | Clearwater

This \$19.3 million project includes modifications to existing grit and primary treatment and sludge blend and storage systems, and new flow equalization system. The project generally includes the following: removal of contents, concrete repairs and interior/exterior coating of existing sludge storage and blend tanks; demolition of existing aeration and mixing equipment; repair and refurbishment of odor control piping, stair treads, and tank walkway; rehabilitation of sludge storage and blend tanks, pump stations, and yard piping including installation of new mixers, new aluminum covers, new Truck Off-Loading Pump Station, new Anaerobic Digester Feed Pump Station, new inline grinder, new Dewatering Feed Pump Station; thickened primary sludge and thickened WAS yard piping modifications; Northeast WRF pretreatment and primary treatment improvements including demolition and paving activities, yard piping, conversion of existing picket thickener facilities to stacked tray removal systems, new continuous loop moving belt filtration systems, new equalization basin, instrumentation and controls, electrical systems, rehabilitation of in-plant submersible lift station; rehabilitation of existing primary clarifier effluent box channels; and all other necessary systems for a complete project.

Wastewater Treatment Facility Improvements Phase 2 | Davenport

This \$19.8 million project consists of construction of a new carousel-type treatment process, new clarifier, chlorine contact basin expansion, electrical and piping modifications, rapid infiltration basin expansion, and corresponding instrumentation and controls.

Professional

- U.S. Green Building Council, Leadership in Energy and Environmental Design (LEED) Accredited Professional – July 2007
- Design-Build Institute of America, Designated DBIA Professional – 2006
- NEBB Certified / Air & Hydronic Qualified Supervisor, February 1996
- American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) – Past President – Board of Governors, Miami Chapter, October 1994
- Construction Association of South Florida, February 1993
- Florida Engineering Society #300028113, September 2009
- Associated General Contractors of America, February 1993
- Florida L.P. Gas Bureau Master Qualifier (8-03 and 6-04) March 2001
- Medical Gas Qualifiers Certification No. 02-0925-11, September 2003
- EPA 608 Universal Certification No. 071011027, October 2007

Relevant Expertise

- Water Treatment / Wastewater Facilities
- Chiller & Central Energy Plants
- Preconstruction & Scheduling Services
- Initial Project Planning
- Alternate Delivery Methods
- Value Engineering
- Electrical Systems
- Heating, Ventilating, & Air Conditioning
- Fire Protection
- Instrumentation & Controls

CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1 Through 6, S-922 | Miami

This \$25 million project consists of electrical improvements at the Effluent Pump Station No. 1 for Pumps 1 through 6 at an operational wastewater treatment plant. The SDWWTP Effluent Pump Station No. 1 consists of twelve (12) vertical turbine pumps which pump treated effluent from the plant to the injection wells onsite. The electrical improvements consist of replacing the motors for existing Effluent Pumps 1 through 6 with new 900-horsepower motors, and the construction of a new two-story electrical building which will house all new electrical switchgear, transformers, motor control centers, variable frequency drives, and other electrical and control equipment for pump station operation.

CD 2.21 Pump Station 1 and CD 2.25(4) Ventilation Improvements, P0210 | Miami

This project included the rehabilitation upgrades to Pump Station 1, an existing pump station located in the heart of Miami. Pump Station 1 consists of eight (8) 600-HP vertical centrifugal pumps, six (6) of which are equipped with dual electric motor / direct diesel drives. The site is divided into two buildings; the Pump Building and the Odor Control Building. The work included upgrades to the ventilation system in the motor room and dry wells, as well as upgrades to the odor control system equipment and the electrical system. The existing ventilation system in the motor room and drywells within the Pump Building were reconfigured to supply air through the motor room, and exhaust from the drywells and the roof of the motor room. In the Odor Control Building the existing single-stage wet scrubber system rated for 12,000 CFM was replaced with a new larger system capable of handling 18,000 CFM. The electrical system was upgraded by replacing the MCC and installing a new 250KW generator.

Southwest WRF New Headworks and Chlorine Contact Chamber Rehabilitation and Recharge Well Pump Station | Bradenton

This \$19.1 million project consists of two sub-projects 1) construction of a new Headworks and 2) rehabilitation of Chlorine Contact Chambers and construction of a new Recharge Well Pump Station. The new Headworks consists of demolition of existing Headwork Facility, asphalt and concrete pavement, and Longboat Key (LBK) metering station and sample station; new elevated headworks structure including new lift station, yard piping, drainage, asphalt parking, and other civil improvements; new LBK force main metering and sample station and ancillary components; new mechanical screens, grit removal system, booster pump skid, infrastructure for County-procured odor control system and related mechanical, instrumentation and control, and electrical systems including NFPA-802 compliant electrical and ventilation system and remote MCC distribution; demolition of existing headworks, removal or abandon and grout fill existing yard piping; painting of Headworks interior and exterior concrete surfaces, piping and equipment; and painting of Splitter Box #1 exterior concrete surfaces. The Recharge Well Pump Station and Chlorine Contact Chamber (CCC) rehabilitation consists of construction of a new Recharge Well Pump Station on top of the existing CCC structure; piping and valving needed to isolate lake water return from new Recharge Well Pump Station wet well in addition to piping to connect Recharge Well Pump Station to Recharge Well injection line; improvements at the CCC including new FRP covers, coating system, mixers, misc. handrail, compliance and sampling instrumentation modifications, removal and replacement of slide gates, and provisions for temporary basin dewatering pumping; improvements at the Anoxic Basins, including a channel extension and new coarse screen for the Headworks bypass piping, bypass piping modifications, removal and replacement of slide gates, and aluminum covers over channel and miscellaneous openings; demolition of existing DAF Polymer Building, CCC Blower Building, and primary sludge pumps and piping; liquid ammonium sulfide metering pump skid, slab on grade, and piping to CCC; new 5kV loop, switchgear modifications and associated demolition; NETA testing of electrical systems including wiring; and painting of pipe and mechanical equipment.

CD 1.02 Oxygen Production Upgrades, S-882R | Miami

This \$9 million project required upgrading the existing oxygen production facilities which shall include construction of a new electrical building, installation of an Owner-furnished centrifugal compressor, and overhaul of the existing centrifugal compressor. The purpose of the upgrade will be to increase the oxygen production capacity at the plant and to provide for redundancy of equipment. The work consists of, but is not limited to, the following: upgrade of Compressor No.3 from 100-tons to 125-tons, furnished by the Department; installation of new 125-ton Compressor No.4, furnished by the Department; installation of Local Control Panel for Compressor No.3 and No.4, furnished by the Department; installation of new compressor ancillary components including but not limited to the inlet filter for each compressor; piping modifications and additions to connect Compressor No.4 to the existing Cryogenic Oxygen Plants; construction of a new Electrical Building to power Compressor No.3 and No.4, complete, including two (2) 5000kVA Transformers, two (2) 5kV switchgears, two (2) 15kV switchgears and a 25-ton air conditioning system; installation of a new Motor Control Center; electrical wiring modifications to feed power to the new and upgraded compressors to include installation of two (2) new 15kV feeders from the existing Switchgear Building 1 to the new Electrical Building with two (2) feeder jumpers at the new 15kV switchgear, new electrical ductbank to accommodate the new 15kV feeders and new 15kV feeder from existing Switchgear Building 1 to existing Substation No.17; decommissioning in place the Compressors No.1 and No.2, Starters for Compressor No.1 and No.2, and Substation No. 3, 4 and 20; demolition of the Air and Cooling Water Piping for Compressor No.1 and No.2;

Compressor No.3 inlet air piping, valves, and components; Compressor No.3 discharge silencer and blower-off valve; 15kV feeders to Compressor No.1 and No.2; 15kV feeder jumper between Substation 1 and Substation 17; site civil and stormwater work; and relocation of existing utilities.

CD 2.19(2) Co-Gen Facility and 2.01(6) Electrical Improvements, S-891 | Miami

This \$40 million project consists of installing a new Biological H₂S Biogas Treatment System including five (5) bioreactor vessels and equipment containers, a new Co-Gen Switchgear Building that will replace the existing electrical rooms in the Co-Gen Building and substations No. 17 and 18, a new Biogas Treatment Electrical Building, installation of biogas piping from the Plant 1 digesters to the Biological H₂S Treatment System and from the Biological H₂S Treatment System to the co-generation engines in the Co-Gen Building, and replacement of eight (8) rotary sliding vane compressor systems.

CDWWTP Industrial Injection Well Surface Facilities, S-870 | Miami

This \$25.9 million project consisted of furnishing and installing surface facilities for existing Industrial injection wells at the Central District Wastewater Treatment Plant located in Virginia Key. The project consisted of furnishing all materials, labor, and equipment necessary to construct an Industrial Injection Well Pump Station, equip two (2) existing industrial injection wells with wellhead piping, equip a monitoring well with wellhead piping, and install piping and flow interceptor boxes to convey waste stream flows from five (5) separate sources to the Injection Well Pump Station and to convey the pump station discharge to the two (2) injection wells, and all other appurtenant and miscellaneous items and work for a complete, functional and satisfactory installation of the project. The pump station is a two-story building with two (2) below grade wetwells and influent channel. Construction of the below grade wetwells required design and construction of a cofferdam. The pump station has a pump room that houses four (4) medium voltage (4160 volt) vertical turbine pumps and associated piping, valves, and controls; an air-conditioned transformer room that houses four (4) high voltage (13.2kV) transformers; and an air-conditioned electrical room on the second floor that houses switchgear, MCCs, VFDs, and other electrical and control panels. Surge protection for the injection well system is provided by two (2) hydropneumatic surge tanks with associated air compressor system. The pipe diameters for the waste streams consist of 8", 16", and 48" ductile iron pipe and 10" HDPE pipe. Pump station discharge piping consists of 30" and 42" ductile iron piping. Pump discharge is controlled by 30" rotary pump control valves with electric/hydraulic valve actuator that is operated by a hydraulic valve accumulator system. The injection wells consist of a slab on grade with 24" ductile iron pipe, valves, magnetic flow meter, and air release valve. The monitoring well consists of two (2) 1-horsepower horizontal centrifugal sampling pumps with 1 1/2" discharge piping and pressure and level instruments. High and medium voltage ductbanks were installed to connect to the new pump station to the existing Main Switchgear Building.

North County Water Reclamation Facility Pretreatment Facility | Naples

This \$55.7 million project includes the following major items: construction of new pretreatment facility, new electrical building for the new pretreatment facility, new 30-inch and 36-inch influent force main connections between existing influent force mains and new pretreatment facility, new drainage pump station for the new pretreatment facility, new odor control system, new MLE piping and tie-ins with existing piping, and new equalization and equalization return piping and tie-ins with existing piping. The work includes but is not necessarily limited to: decommissioning and demolition work, all earthwork necessary to complete the work, including but not limited to, excavations (including rock), backfilling, grading, trench supports, soil improvements, installation of new 30-inch and 36-inch piping and appurtenances for force mains connecting existing yard piping to the plant influent at the south side of the new pretreatment facility, dewatering and vibration monitoring, and miscellaneous testing and site restoration, installation of all yard piping (above and below grade), tie-ins, valving, bypass piping, pipe supports for above grade piping, metering, and coordination and sequencing of all work activities. Construction of new pretreatment facility to include constructing new building and associated building systems; furnish, install, connect, and test all building systems, including HVAC, plumbing, electrical, communication, and security systems; furnish, install, connect, and test mechanically cleaned coarse screen equipment and coarse screening wash presses; furnish and install all necessary piping and valves, pipe supports, including all electrical, control, and other appurtenances as shown in the drawings and specified herein; furnish, install, connect, and test grit removal system equipment including grit concentrator and grit washer; furnish and install all necessary piping and valves, pipe supports, including all electrical, control, and other appurtenances; furnish and install four (4) grit pumps including all electrical, control, and other appurtenances; furnish, install, connect, and test mechanically cleaned fine screen equipment and fine screening wash presses; furnish and install all necessary piping and valves, pipe supports, electric water heater or the wash presses, including all electrical, control, and other appurtenances; construct new paving, grading, drainage, irrigation, building utilities, and landscaping improvements, including all ancillary improvements; furnish and install two (2) booster skid pumps; furnish and install concrete pump base, discharge piping with valves, pipe supports, magnetic flow meter, hydropneumatic tank, including all electrical, control, and other appurtenances complete; furnish, install, connect, and test all piping and underground facilities; furnish, install, connect, and test all slide gates and stop logs; furnish, install, connect, and test all electrical motor controls and other controls and all electrical conduits and wiring required for the complete facility; furnish, install, connect, and test instrumentation and control hardware and software; and complete new site improvements and restore the existing sites to a condition that is equal or better than the condition of the sites before construction or demolition began. Construction of new electrical building and associated building systems; furnish, install, connect, and test all building systems, including HVAC, plumbing, electrical, communication and security systems. Construction of new pretreatment facility drain pump station, including furnish and install two (2) submersible pumps; furnish and install wet well, all necessary piping with valves, pipe supports, magnetic flow meter, including all electrical, control, and other appurtenances complete.

NDWWTP New Pumps for Existing Deep Injection Well Pumping Station, S-877 | Miami

This \$6.3 million project included the removal and demolition of four (4) existing vertical turbine pumps and 900-horsepower motors, along with associated discharge piping and valves; installation of six (6) new vertical turbine pumps and 1,250-horsepower motors in existing vacant pump bays; connection of six (6) new 1,250-horsepower 4160 volt motors to existing variable frequency drives; installation of six (6) new flow control valves and electro-hydraulic actuators on Injection Well Pumps 1 through 6; installation of four (4) flow control valves and electric actuators on Injection Wells 1 through 4; instrumentation; electrical work; mechanical work; and providing system integration and other appurtenant and miscellaneous items and work for a complete and fully functional installation.

Master Pump Station No. 3, S-852 | Miami

This \$20 million project was one in a series of projects that provided sewer system capacity required to accommodate the large scale developments in the Brickell Basin area. Poole & Kent was awarded a contract to construct a new raw sewage master pump station consisting of a Pump Station Building and Generator Building on a confined portion of land between Interstate 95 and residential homes. The project required rigorous scheduling and planning to meet the schedule deadline.

South District WWTP Cogeneration Facility Improvements | Miami

Poole & Kent was awarded this highly complex design-build project in October 2011 with a contract value of \$20 million. Mr. Strickland's main role was constructability review and designing the HVAC system. The project entailed the upgrade to the existing Cogeneration System at the South District WWTP including design, permitting, supply, fabrication/installation of new cogeneration units, programming of the equipment controls, system check out, start-up, reliability demonstration, performance testing, and warranty of all new cogeneration units and ancillary systems.

Deep Injection Well for MS/RO Concentrate Disposal | Hollywood

This \$5.6 million project consisted of the construction of a deep injection well and booster pump station including four (4) super-duplex end suction centrifugal pumps, two (2) horizontal split-case secondary effluent pumps, associated super-duplex piping, valves, and appurtenances, and associated electrical, instrumentation, and control facilities; sample pumps and instrumentation for the injection well and monitor well system; electrical and I&C system upgrades; installation of buried pipe, fittings, and associated valves and appurtenances; and associated site improvements.

Alexander Orr Jr. WTP East High Service Pump No. 6 Replacement, W-938 | Miami

This \$7.8 million project consists of furnishing all materials, labor, and equipment necessary to replace High Service Pump No. 6 which includes one (1) new pump and engine rated at 2,000–2,500-horsepower, new pump control valves and piping, and a new power distribution enclosure to install new motor control center, UPS, and batteries. Contractor to furnish and install new natural gas engine and gear reducer, complete with new emissions and exhaust system; furnish and install new horizontal split case pump, with a dedicated water supply from system for hydraulic accumulator operation. Piping work includes replacement of 48" suction and 42" discharge piping and valves. Contractor to replace suction and discharge butterfly valves which will require separate shutdowns. Replacement of suction side butterfly valve will require a diver to install a temporary plug in existing reservoir. Architectural improvements include renovation of existing office space to serve as new power distribution center to accommodate the electrical upgrades, and modification of operations room for new Pump No. 6 engine controls. Structural improvements include modifications to pump room floor in order to install new pump and engine. Partial demolition of masonry walls, concrete floors, and concrete equipment supports is required. Contractor to furnish and install insulated metal panels above existing overhead door. Furnish and install new and modified access grating, handrails, and ladders as required to access the pump, engine, piping, and valves around the pump and in the piping trenches. Furnish and install new MCCs, UPS, and batteries in renovated power distribution center (PDC). Install new circuit breaker and circuit to power equipment within the PDC. Install new pump No. 6 engine control panel. Furnish and install vibration monitoring system for pumps. Modify the existing I/O to the plant monitoring system to accommodate electrical changes. Replace the pressure transmitters/interconnection wiring and conduit between engine, pump, cone valve, control valves, junction boxes, instrumentation, and auxiliary devices. The Contractor shall be responsible, through furnishing a single qualified Control System Integrator (CSI), for the pump instrumentation and control systems (PSICS) to ensure system uniformity, subsystem compatibility, and coordination of system interfaces.

North Cape Reverse Osmosis Facility | Cape Coral

This \$47 million project included the construction of a 12-mgd (18,564 cfs) Reverse Osmosis Water Treatment Plant. The facility is sized for a full build-out capacity of 24-mgd (37,128 cfs). The major elements of the project included: five (5) new buildings (62,300 sq. ft.), six (6) cartridge filters, four (4) high pressure 3-mgd RO treatment skids, four (4) 600-HP vertical turbine membrane feeds pumps, membrane cleaning system, four (4) chemical feed and bulk storage systems, two (2) degasifier systems, 70,000-gallon clearwell with three (3) 100-HP vertical turbine transfer pumps, two (2) 600-HP & two (2) 400-HP horizontal split case high service pumps, and associated ductile yard and stainless steel process piping.

Water Treatment Plant No. 2: Reverse Osmosis Plant Site Expansion | Clearwater

This \$20.7 million project included the construction of a 6.25-mgd brackish reverse osmosis water treatment plant expansion including raw water supply and a deep injection well for concentrate disposal at the City's existing Water Treatment Plant No. 2. The project consisted of the following components: civil site improvements; select demolition; new reverse osmosis treatment system; ozone treatment system; iron treatment system; transfer pump system; five (5) chemical feed systems; one (1) new finished water ground storage tank and existing storage tank modifications; one (1) new concentrate ground storage tank; new high service pumps, motors, and VFDs; electrical, plumbing, and HVAC systems; control and alarm system modifications; bulk storage shelter enclosure; and miscellaneous buildings for offices, control room, laboratory, restrooms, meeting areas, and related.

WWTP Sludge Storage Improvements | North Port

This \$1.2 million project included the following improvements: converting an old plant tank to sludge storage; modifying existing sludge storage tanks; installing new fine bubble aeration systems in all existing and new sludge storage tanks; replacing three (3) existing blowers with new blowers, including piping and fittings as required; removing aluminum cover from existing plant tank; installing new walkway bridge within converted sludge storage tank; interior and exterior air, water, and sludge piping work; and electrical work including replacement of an existing motor control center (MCC).

Howard F. Curren AWWP Screen & Grit Washers Replacement | Tampa

This \$4.6 million project included the removal and replacement of existing grit washers at the Screen and Grit Building No. 1 (West Building) and Building No. 2 (East Building), associated piping and appurtenances including installing discharge chute and hopper cover; pipe supports, flow meters; all associated electrical conduits, junction boxes, wiring, panels, stations, MCC modifications, with all associated work.

South District WWTP Effluent Pump Station No. 2, S-17 | Miami

This \$17.8 million project was part of the \$628 million high-level disinfection project at the South District WWTP. The project consisted of the construction of a three-story effluent pump station building, installation of six (6) 900-HP Vertical Turbine Pumps and Motors, six (6) VFDs, electrical switchgear, MCCs, and controls. In addition, this project required large volumes of concrete placement and the installation of 500+ LF of prestressed concrete cylinder pipe ranging from 42" to 90". Successful completion of the project required extremely close coordination and cooperation with the Owner, Engineer, and other construction contractors as there were 14 other contracts in progress.

Electrical Power Generator System Expansion | Hollywood

This \$1.7 million project included the expansion of the generator system at the existing water treatment plant and all construction necessary to successfully complete it. The contract required the installation of a new 1,500 kW, 13.2kV diesel engine generator set in the existing Generator Building, modifications to the existing switchgear, low voltage MCC, and generator control system; the installation of new component panels for the existing generator section and a new door/panel for the master control section; modifications to existing SCADA systems; installation of a new fuel supply system, new engine cooling system and insulated piping; and removal of modified bitumen roofing and replacing with a new TPO membrane roofing system.

South Miami Heights WTP Reservoir and High Service Pump Station, W-857 | Miami

This \$16.2 million project consisted of the construction of one (1) five million gallon reinforced concrete reservoir tank with influent and effluent flumes and a high service pump building with four (4) variable speed 500-HP distribution pumps. Other elements included mass excavation through rock, (855) auger cast foundation piles, extensive large diameter process yard piping and ancillary compressed air, vacuum priming, and pressure sustaining systems.

South District WWTP HLD Upgrade to 285-mgd Filter System, S-805 | Miami

This \$135 million project, part of the \$628 million high-level disinfection project completed at the South District WWTP, included the construction of one of the largest deep bed sand filter systems in the United States. It consisted of 30 cells measuring 15.25 feet by 88 feet with 6 feet of sand filter media and with space for future expansion up to 48 cells. Construction consisted of two (2) Filter System Buildings, Flocculation Tanks, Backwash Tanks, and a Polymer Building. Some of the equipment included is the following: (16) 200-HP Backwash Pumps, (7) 500-HP Centrifugal Blowers, (12) Mixers, Switchgear, Transformers, MCCs, (161) 24" Motor Operated Control Valves, (35) Flow Meters, (43) Level Transmitters, and multiple local control panels. The project consisted of 11 milestones and 3 substantial completion phases.

Southwest WRF Expansion Plant Upgrades | Cape Coral

This \$90 million project expanded the facility from 6.6-mgd to 15.1-mgd capacity. The most challenging aspect during the construction of this project was the schedule constraints of a 24-month time frame to substantial completion, along with continuous extensive coordination with existing facilities and utilities and the electrical work completed under a separate contract. Construction included headwork's modifications, grit building, odor control building, activated sludge basin, RAS/WAS pump station no. 2, plant lift station no. 2, generator building no. 2, diesel fuel storage no. 2 structure, SWBD-4 and 5 buildings, blower building, three (3) secondary clarifiers, aqua ABF filter's structure, chlorine contact tank no.'s 3 and 4, effluent transfer pump station, sodium hypochlorite building, aluminum storage and feed modification, reclaimed water pump station, surge tank slab, deep injection well, and E.R.D. office building. Our work also included all architectural, civil, HVAC, plumbing, mechanical, and sitework. This project was completed on time and under budget.



Jason is a highly experienced Senior Project Manager with over 21 years in Florida's construction industry, specializing in complex water and wastewater infrastructure. Since joining the firm in 2004, he has led numerous high-value projects, including design-build and rehabilitation efforts, with a focus on operational continuity, technical precision, and stakeholder collaboration. His responsibilities span all phases of project execution, including material procurement, cost control, subcontractor coordination, schedule management, contract compliance, and quality assurance. Jason is known for his meticulous planning, hands-on leadership, and ability to navigate the challenges of active treatment facilities with minimal disruption.

Position

Senior Project Manager

Education
 Florida Atlantic University
 B.S. Electrical Engineering
Joined Firm

2004

Experience

21 Years

Professional

Envision Sustainability Professional

Training
 OSHA 30-Hour Construction Safety and
 Health
Relevant Responsibilities

- Project Phasing
- Schedule Updates and Maintenance
- Start-Up and Commissioning
- Material Procurement
- Shop Drawings and Submittal Processing
- Monthly Pay Requisitions
- Cost Control
- Subcontractor Coordination

Relevant Expertise

- Design-Build Projects
- Wastewater Facilities
- Cryogenic Facilities
- Membrane Skids
- Water Treatment Plants
- Ultraviolet Reactors and Related Equipment
- Pump Stations
- Electrical Systems
- HVAC Systems
- Pile Installations
- Super Structures

SDWWTP ST-2A Headworks 3, O2 Trains 9 & 10, and Substation 57/58, Contract S-931 | Miami

This **\$107.6 million project** consists of the construction of new influent force main tie-in on SW 232nd Street, new influent metering valve box, a new headworks building (Headworks 3) with an attached odor control building, construction of two new oxygenation trains (Oxygenation Trains 9 and 10), construction of a new substation and electrical building, and the integration of these new structures with the rest of the operational facility.

CD 2.15(1) Plant 2 Cluster 1 Digester Upgrades, Contract S-889 | Miami

This **\$26.4 million project** included the replacement of all existing equipment, valves, piping; and appurtenances; electrical panels, conduits, cables, and lighting; instrumentation and controls; building mechanical; doors, windows and louvers within the digester Control Building and inside Digester Tank Nos. 1, 2, and 4; new digester covers for Digester Tank Nos. 1, 2, and 4; new valve vault for Digester Cluster 1, replacement of all digester header yard piping beyond the valve vault which connects the Plant 2 Digester Clusters (including sanitary, hot water supply, hot water return, thickened sludge, and digester gas yard piping beyond valve vault); extension of the existing Electrical Room at the Control Building; structural repairs to and recoating of Control Building and Digester Tank Nos. 1, 2, and 4; and demolition of existing electrical substation buildings in order to construct two new electrical substation buildings.

Headworks and Grit Removal Improvements at the ECRWRF | West Palm Beach

This **\$6.4 million project** included the demolition and removal of the three existing influent flow meters and installation of new influent flow meters and associated piping, electrical connection and instrumentation; refurbishment of drainage sumps in the influent meter vault and replacement of the two sump pumps, including removal and disposal of accumulated solids in the mixing chamber of the Headworks Structure. Demolition and removal of the five existing mechanically cleaned influent bar screens and installation of five new center flow band screens, including new compactors, shaftless screw conveyor, and associated piping, above ground electrical conduit, electrical panels and controls. Structural repairs and modifications to the influent screen channels and top slab to accommodate the new influent screens, including demolition of the existing Screenings Building and construction of a new Screenings Building and demolition and removal of the two existing grit pumps and replacement with two new grit pumps, including associated piping, valves, and electrical panels and controls. Demolition and removal of the two existing cyclone/classifiers and replacement with two new cyclone/classifiers, including associated piping, valves, and electrical panels and controls, including structural repairs to the interior concrete surfaces of the two existing grit chambers by recoating the influent screen channels, grit removal channels and grit chambers following structural repair. Installation of new manual slide grates in the grit chamber influent and effluent channels including, the installation of new odor control covers and handrail in the grit removal area along with modification of the existing electrical power distribution system to deliver power to the Headworks Structure from a common location and to achieve Class 1 reliability. Miscellaneous Sitework improvements, including new gravity drain piping, new process yard piping, new electrical conduit, grading and paving, this includes operation of the ECRWRF Influent Bypass Structure during the period that the Headworks Structure is off-line.

CDWWTP Industrial Injection Well Surface Facilities, Contract S-870 | Miami

This **\$25.9 million project** involved furnishing and installing surface facilities for existing industrial injection wells at the Central District Wastewater Treatment Plant, located in Virginia Key. The project included furnishing all materials, labor, and equipment necessary to construct the Industrial Injection Well Pump Station, equipping two existing industrial injection wells with wellhead piping, equipping a monitoring well with wellhead piping, and installing piping and flow interceptor boxes to convey waste stream flows from five separate sources to the Injection Well Pump Station and to convey the pump station discharge to the two injection wells. It also encompassed all other appurtenant and miscellaneous items and work for a complete, functional, and satisfactory installation. The pump station was constructed as a two-story building with two below-grade wet wells and an influent channel. Construction of the below-grade wet wells required the design and construction of a cofferdam. The pump station featured a pump room that housed four medium voltage (4160 volt) vertical turbine pumps and associated piping, valves, and controls; an air-conditioned transformer room that contained four high voltage (13.2 KV) transformers; and an air-conditioned electrical room on the second floor that contained switchgear, MCCs, VFDs, and other electrical and control panels. Surge protection for the injection well system was provided by two hydropneumatic surge tanks with an associated air compressor system. The pipe diameters for the waste streams included 8", 16", and 48" ductile iron pipe and 10" HDPE pipe. Pump station discharge piping consisted of 30" and 42" ductile iron piping. Pump discharge was controlled by 30" rotary pump control valves with electric/hydraulic valve actuators operated by a hydraulic valve accumulator system. The injection wells consisted of a slab on grade with 24" ductile iron pipe, valves, a magnetic flow meter, and an air release valve. The monitoring well included two 1-horsepower horizontal centrifugal sampling pumps with 1 1/2" discharge piping and pressure and level instruments. High and medium voltage ductbanks were installed to connect the new pump station to the existing Main Switchgear Building.

ECR Wastewater Reclamation Facility Biosolids Improvements | West Palm Beach

This **\$97 million project** included converting Sludge Decant No. 1 to an Aerated Waste Activated Sludge (WAS) Storage Tank, including rehabilitation of the tank structure, installation of a new coarse-bubble diffused aeration system, and construction of a new blower building; converting Sludge Decant Tank No. 2 to a Centrate Equalization Tank, including rehabilitation of the tank structure, installation of mixing equipment and construction of a new equalized centrate return pump station; upgrades to the existing Gravity Belt Thickening Facility, including installation of new gravity belt thickener feed pumps, refurbishment of three gravity belt thickening systems, installation of a new gravity belt thickener, and installation of a new liquid polymer storage/feed system; a new Thickened Waste Activated Sludge Storage Tank, consisting of two cells, each equipped with a vertical mixer; a new Temperature-Phased Anaerobic Digestion Facility, including six (6) digesters, sludge pumping and heating equipment rooms, a boiler room, a digester gas compressor room, and waste gas burners; a new Digested Sludge Holding Tank, consisting of three cells, each equipped with a vertical mixer; a new Centrifuge Dewatering Facility; a three-story building containing four high solids centrifuges, four sludge cake storage hoppers, sludge cake conveying equipment, a two-lane truck loading station and a liquid polymer storage/feed system; two (2) new Septage Receiving Stations and a new FOG (fats/oils/greases) Receiving Station; a new Ferric Chloride Storage and Pumping Facility; new biosolids odor control facilities; converting the existing aerobic digester to Aeration Basin No. 1, including structural demolition, new baffle walls and walkways, a new fine-bubble diffused aeration system, anaerobic zone vertical mixers, and influent and effluent structures; sitework, including but not limited to, new gravity drain piping network, new storm water collection network, new process yard piping, grading, paving and striping; expansion of electrical power distribution system; expansion and upgrades to existing SCADA system; and demolition of existing infrastructure to facilitate new construction.

Water Treatment Plant UV System and Related Infrastructure | West Palm Beach

This **\$25.6 million project** consisted of the construction of a new process building south of the existing filters to house the new transfer pumps and associated wet well, UV disinfection system, and associated electrical, chemical storage and feed, interconnecting pipework, City's backup SCADA server and overhead doors for equipment access; Construction of a new reinforced concrete partially buried wet well structure with four new vertical turbine transfer pumps; Installation of UV System consisting of UV reactors containing three to five parallel units, including pipe fittings, isolation valves and flow meters. UV System also includes header and discharge pipework, valves and fittings; Construction of air conditioned electrical room to house the electrical equipment for the transfer pump and UV equipment, including 4160V/480V transformers, switchgear, motor control centers, variable frequency drives, uninterruptible power supply (UPS), new CP-2-RIO-5 control cabinet and transfer switches, and UV ballasts; Modifications to the West High Service Pump Station and construction of a suction header pipe through the West High Service Pump Station wet well; Demolition of the hydraulic break "bypass structure" and relocation of the existing 30" raw water main within the footprint of the UV/Transfer pump building; Demolition of the buried IMG Clearwell; Demolition of the filtered water flume, injection point 1, meter shop building, sodium hypochlorite day tank and metering pump building; Construction of a new roadway, site improvements, landscaping and storm water drainage improvements; Instrumentation and Control (I/C) and electrical improvements. Additionally, the project includes the construction of a new PAC contact basin consisting of two (2) parallel trains (overall size 60'x55') to be constructed to the north of filters 25-32. This structure will use four (4) surface-mounted mixers per train to keep the PAC in suspension and include staircases, walkways, and hand railing for safe operator access. Upgrades related to the existing PAC feed system include replacement of the rotary feeder, PAC hopper, auger feeder, dissolving tank and related electrical, instrumentation, and controls equipment as well as pipework to the new basin. Raw water piping system modifications will convey water from the North and South raw water pump stations to the PAC basin, new piping and new flow meters to the rapid mix basin. As part of this project, the impeller of raw water pump No. 27 will be replaced to meet the lower head conditions of

the treatment process. This project will also provide slide gates in the settled water channel to utilize the 60" bypass and improve operational reliability of the settled water conveyance systems.

Water Treatment Plant Filters Rehabilitation | West Palm Beach

This \$3.8 million project included the rehabilitation of thirty-two (32) rapid gravity filters at the City of West Palm Beach Water Treatment Plant (WTP), including removal of filter media, cleaning and repair of air scour piping, cleaning and repair of filter backwash troughs, replacement of backwash trough hardware, rehabilitation and repair of concrete, repair or replacement of filter underdrain systems, and media replacement.

WTP No. 2: Reverse Osmosis Plant Site Expansion | Clearwater

This \$20.7 million project included construction of a 6.5-MGD brackish reverse osmosis water treatment plant expansion to include raw water supply and a deep injection well for concentrate disposal at the City's existing Water Treatment Plant No. 2. Poole & Kent was required to coordinate and accommodate access with the City's well drilling contractor. The project included the following components: civil site improvements, select demolition; new reverse osmosis treatment system; ozone treatment system; iron treatment system; transfer pump system; five chemical feed systems; one new finished water ground storage tank and existing storage tank modifications; one new concentrate ground storage tank; new high service pumps, motors, and VFDs; electrical, plumbing, and HVAC systems; control and alarm system modifications; bulk storage shelter enclosure; and miscellaneous buildings for offices, control room, laboratory, restrooms, meeting areas, and related.

SRWWTP Clarifiers No.'s 5-8 Flow Diversion Box Rehabilitation | Hollywood

This \$1.4 million project consisted of a phased structural rehabilitation of the Flow Diversion Box including replacement of an existing sluice gate, replacement of existing weir gate seals, and replacement of spray water piping and nozzles. It also consisted of the removal of existing pumps and drives and the installation of new pumps and variable frequency drives including relocation and/or extension of existing utilities, all associated piping, yard work, demolition work, restoration work, construction sequencing requirements, final site cleanup, coordination of all startup and training activities and all other work for a complete and operating facility.

Hollywood WTP RO Train "A" Replacement | Hollywood

This \$1.5 million project required extensive coordination and scheduling as there were three other construction contracts taking place at the existing facility. Our scope of work includes removal of the existing Reverse Osmosis Train "A", which consists of piping, valves, instruments, sample & instrument panels, pressure vessels, membrane elements, pipe supports, and skid frame. Also, removed was the skid's existing feed pump and motor. After the removal of the existing components, we installed a completely new 2 MGD RO Membrane Train with modifications to the control system, addition of an energy recovery device, new VFD, feed pump and 400 HP motor, and all related electrical, control, and mechanical work.

Waste Management CNG Fueling Facility | Pompano Beach

This \$2 million design-build project included the installation of a new compressed natural gas (CNG) system including all mechanical, electrical, & control equipment. In addition, underground gas tubing was installed from the CNG equipment compound to remote fueling stations throughout the facility. Also installed as part of this project were: new site fencing, landscaping, drainage system, site security system, a water main under existing truck parking area, and parking lot improvements. At the maintenance shop, a gas detection system, new louvers, and exhaust fans were installed as well. This project required close coordination as some of the equipment was Owner-furnished and other contractors working on the site concurrently to meet an extremely aggressive schedule of 3 months to get the project substantially complete.

Electrical Power Generator System Expansion | Hollywood

This \$1.7 million project expanded the generator system at the existing water treatment plant and all construction necessary to successfully complete it. The contract included the installation of a new 1,500 kW diesel engine generator set in the existing Generator Building; modifications to the existing switchgear, low voltage MCC, and generator control system; the installation of new component panels for the existing generator section and a new door/panel for the master control section; modifications to existing SCADA systems; installation of a new fuel supply system, new engine cooling system and insulated piping; and removal of modified bitumen roofing and replacing with a new TPO membrane roofing system.

Hollywood WTP Replacement of NF/MS Membranes | Hollywood

This \$1.7 million project entailed the removal and replacement of the nanofiltration membrane elements in seven (7) existing membrane softening trains at the existing water treatment plant.

South District WWTP Septage Receiving & Solids Process Buildings | Miami

This \$11.3 million project included the construction of 60,000 sq. ft. Septage Receiving and Solids Handling Building with two (2) 50,000-gallon FOG (Fats, Oils, and Grease) Tanks. The building houses process equipment and a finished area for offices and employee facilities,

and an influent channel to receive and transfer septage. The contract also included the installation of a new RTU MCC, electrical switchgear, new HVAC units and ventilation fans, 3,500 ft. of underground piping, two (2) truck scales and the construction of a new bulk chemical storage area, and three (3) odor control scrubbers with ductwork.



Stephen has over 20 years of experience in the construction industry including cost estimation, design of water/wastewater systems, engineering, bidding strategies, and scheduling. His responsibilities as project manager include maintaining and updating project schedules, start-up and commissioning, material procurement, processing of shop drawings and project requisitions and involvement with other aspects of project administration as required.

Position

Senior Project Manager

Education
 Masters, Business Administration
 University of Phoenix

 B.S., Mechanical Engineering
 Brigham Young University
Experience

25 Years

Joined Firm

2012

Training

- Adult First Aid/CPR
- OSHA 30-Hour

Relevant Responsibilities

- Project Phasing
- Schedule (Updates & Maintenance)
- Start-up and Commissioning
- Material Procurement
- Shop Drawings and Submittal Processing
- Monthly Pay Requisitions
- Cost Control
- Subcontractor Coordination
- Owner/Engineer Relations

Relevant Expertise

- Water & Wastewater Facilities
- Chemical Storage Systems
- Digesters
- Electrical Systems
- Civil / Sitework
- Process Mechanical
- Injection Wells
- Stainless-Steel Piping Systems
- Headworks
- Storage Tanks
- Biosolids

SDWWTP ST-2B Clarifiers and HLD, Contract S-932 | Miami

This **\$84.3 million project** includes the construction of a new junction box to split the flow from the oxygenation tanks into two (2) new clarifiers, construction of one (1) new clarifier including inlet and outlet piping and Return Activated Sludge (RAS) piping, modification of existing RAS Pump Station No. 3 with installation of three (3) additional RAS pumps with piping system, modification of a pipe segment inside RAS Pump Station No. 1, construction of a Transfer Pump Station (TPS) Bypass Channel on the north side, construction of six (6) new filters, and associated yard piping.

SDWWTP ST-1B Oxygenation Trains & Electrical Building, Contract S-935 | Miami

This **\$80 million project** encompasses extensive infrastructure upgrades, including improvements to existing oxygenation trains, construction of new electrical buildings, and enhancements to potable water, fire water, and plant water distribution systems. The scope involves significant demolition work—removing existing piping, mechanical aerators, electrical conduits, and equipment across Oxygenation Trains 1 through 7—followed by retrofitting the trains with step-feed capability, structural rehabilitation, and installation of new mechanical and electrical systems, including sensors and analyzers. Two new electrical buildings are constructed to support the upgraded oxygenation systems, featuring fire alarm systems, SCADA integration (with owner-furnished equipment), HVAC systems, and control room infrastructure. Site and yard piping work includes grading, installation of new conduits and pavement, and replacement of water distribution networks, with careful coordination of tie-ins and dewatering operations. The project concludes with comprehensive startup and commissioning services, ensuring full operational readiness through equipment testing, supplier-supported installation, and regulatory coordination.

CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1 Through 6, S-922 | Miami

This **\$25 million project** consisted of electrical improvements at the Effluent Pump Station No. 1 for Pumps 1 through 6 at an operational wastewater treatment plant. The SDWWTP Effluent Pump Station No. 1 consisted of twelve (12) vertical turbine pumps which pump treated effluent from the plant to the injection wells onsite. The electrical improvements consisted of replacing the motors for existing Effluent Pumps 1 through 6 with new 900 horsepower motors, and the construction of a new two-story electrical building which will house all new electrical switchgear, transformers, motor control centers, variable frequency drives, and other electrical & control equipment for pump station operation.

District 2A Ground Storage Tank | Pompano Beach

This **\$7.7 million project** included construction of a new 5.0 MG ground storage tank at an existing water treatment plant. The scope included site improvements, demolition of an existing maintenance shed, demolition of existing 1.0 MG and 0.5 MG ground storage tanks, monitoring wells, yard piping, flow meters, site lighting, inspection and rehabilitation to the existing 5.0 MG storage tank.

Headworks and Grit Removal Improvements at the ECRWRF | West Palm Beach

This \$6.4 million project encompassed a comprehensive upgrade of the Headworks Structure and its associated systems. The work began with the demolition and removal of three existing influent flow meters, which were replaced with new meters, piping, electrical connections, and instrumentation. The drainage sumps in the influent meter vault were refurbished, and two sump pumps were replaced following the removal and disposal of accumulated solids from the mixing chamber. Five mechanically cleaned influent bar screens were removed and replaced with five center-flow band screens, along with new compactors, a shaftless screw conveyor, associated piping, above-ground electrical conduit, and updated panels and controls. To accommodate these upgrades, structural repairs and modifications were made to the influent screen channels and top slab, and the existing Screenings Building was demolished and replaced with a new facility. The two existing grit pumps and two cyclone/classifiers were removed and replaced with updated models, incorporating associated piping, valves, electrical panels, and controls. Structural repairs to the interior concrete surfaces of the grit chambers were conducted, followed by recoating the influent screen channels, grit removal channels, and grit chambers. Additional improvements included installation of manual slide gates in the grit chamber's influent and effluent channels, new odor control covers, and handrails in the grit removal area. The electrical power distribution system was modified to supply Class 1 reliable power from a common location to the Headworks Structure. Miscellaneous sitework enhancements were completed, including the installation of gravity drain piping, process yard piping, new electrical conduit, grading, and paving. To maintain uninterrupted operations during the construction period, the ECRWRF Influent Bypass Structure was operated while the Headworks Structure remained offline.

ECR Wastewater Reclamation Facility Biosolids Improvements | West Palm Beach

This \$97 million project included converting Sludge Decant No. 1 to an Aerated Waste Activated Sludge (WAS) Storage Tank, including rehabilitation of the tank structure, installation of a new coarse-bubble diffused aeration system, and construction of a new blower building; converting Sludge Decant Tank No. 2 to a Centrate Equalization Tank, including rehabilitation of the tank structure, installation of mixing equipment and construction of a new equalized centrate return pump station; upgrades to the existing Gravity Belt Thickening Facility, including installation of new gravity belt thickener feed pumps, refurbishment of three gravity belt thickening systems, installation of a new gravity belt thickener, and installation of a new liquid polymer storage/feed system; a new Thickened Waste Activated Sludge Storage Tank, consisting of two cells, each equipped with a vertical mixer; a new Temperature-Phased Anaerobic Digestion Facility, including six (6) digesters, sludge pumping and heating equipment rooms, a boiler room, a digester gas compressor room, and waste gas burners; a new Digested Sludge Holding Tank, consisting of three cells, each equipped with a vertical mixer; a new Centrifuge Dewatering Facility; a three-story building containing four high solids centrifuges, four sludge cake storage hoppers, sludge cake conveying equipment, a two-lane truck loading station and a liquid polymer storage/feed system; two (2) new Septage Receiving Stations and a new FOG (fats/oils/greases) Receiving Station; a new Ferric Chloride Storage and Pumping Facility; new biosolids odor control facilities; converting the existing aerobic digester to Aeration Basin No. 1, including structural demolition, new baffle walls and walkways, a new fine-bubble diffused aeration system, anaerobic zone vertical mixers, and influent and effluent structures; sitework, including but not limited to, new gravity drain piping network, new storm water collection network, new process yard piping, grading, paving and striping; expansion of electrical power distribution system; expansion and upgrades to existing SCADA system; and demolition of existing infrastructure to facilitate new construction.

Miscellaneous WTP Improvements – Phase III | Coral Springs

This \$7.5 million project included three bid packages including the demolition of existing facilities and equipment, including well abandonment of existing Well No. 1; installation of five (5) vertical turbine high service pumps in suction cans; construction of a new CMU/concrete building to house new high service pump VFDs, and electrical equipment; construction of a new CMU/concrete chemical storage and feed building; new chemical feed system for coagulant aid, sodium hexametaphosphate, and fluoride; relocation of existing coagulant aid tanks and existing hexametaphosphate tanks; relocation of existing ammoniators and ammonia storage tank, new ammoniation system accessories; removal and replacement of sodium hypochlorite feed equipment; miscellaneous architectural improvements of existing sodium hypochlorite building; plant-wide SCADA system inclusive of fiber network, interfacing with existing control systems and new base HMI systems; rehabilitation of existing steel filter control canopies for east and west filter buildings; addition of sodium hypochlorite distribution/feed monitoring panels; general remodeling of existing water treatment plant administration building; process instrumentation and controls; electrical work; sitework and restoration including but not limited to site cleanup; surface preparation and painting; access improvements to existing main (NE), central east and south entry gates.

Sawgrass WWTP Upgrades to Hydrogen Peroxide | Sunrise

This project included the upgrade to the existing hydrogen peroxide system. P&K's contract included installation of a new skid mounted hydrogen peroxide pumping system, associated piping, valves, concrete pad, electrical and instrumentation. Also included was the installation of a restraining system for the existing hydrogen peroxide storage tank and demolition of the existing hydrogen peroxide pump skid and containment. P&K worked closely with the plant operating staff to minimize interruptions to the operating facility.

Membrane Concentrate Line Re-Route | Boca Raton

Assistant. This project was a complete re-route of the water treatment plant membrane concentrate to a new submersible repump station that will tie into the wastewater treatment plant's existing 42" outfall pipe. The improvements include the furnishing and

installation of 265 LF of new 20" DIP concentrate piping, 20" and 30" electrical actuated plug valves, backflow prevention devices, relocation of the existing effluent chlorine residual sample point, installation of (1) new triplex lift station and associated civil, mechanical, structural, electrical and process control modifications. *Stephen was responsible for material procurement.*

East Port WRF Stage 1 Improvements | Port Charlotte

Assistant. P&K was awarded a \$12 million contract by Charlotte County for the construction of a 2.0 MGD aerobic digester, supernatant pump station and truck transfer pumping station; belt filter press feed pump station; emergency generator and fuel storage system; two (2) electrical buildings and related ductbanks, wiring and instrumentation; the repair, replacement, expansion, and/or rehabilitation of: automatic backwash water effluent filter; mechanical bar screen, grit pumps, grit cyclone and washing system; internal recycle and return activated sludge pump systems; a section of plant water pipe; stormwater pond retrofit and improvements, related electrical and instrumentation work, upgrade of existing SCADA systems and expansion of plant fiber optic communication systems, all related equipment, piping, site yard work and related appurtenances. *Stephen was responsible for material procurement.*

WWTP Digester Building and Gas System Rehabilitation | Boca Raton

Assistant. This \$4 million project included the demolition of the existing equipment and piping, and the replacement of (2) combination boiler/heat exchangers; replacement of (4) heated sludge pumps; replacement of (1) secondary digester floating gasholder cover; replacement of built-up bituminous roofing and (3) roof-mounted exhaust fans; installation of aboveground stainless steel gas piping and replacement of digester gas appurtenances; replacement of waste gas burner system; removal of (1) out-of-service former diesel underground storage tank; and painting of digester building, digester tanks, and floating covers. The contract also included miscellaneous site improvements. *Stephen was responsible for material procurement.*

Deep Injection Well for MS/RO Concentrate Disposal Booster Pump Station | Hollywood

Assistant. This project included the construction of a deep injection well and booster pump station. The contract required the installation of four super duplex end suction centrifugal pumps, two horizontal split-case secondary effluent pumps, sample pumps, and instrumentation for the injection well and monitor well systems, along with buried pipe, fittings, valves, and appurtenances. P&K was also required to upgrade the electrical and I&C systems. *Stephen was responsible for material procurement.*

Poole & Kent Company of Florida Project Experience

COMPLETED WWTP PROJECTS WITH CONTRACT VALUE GREATER THAN \$75 MILLION

- 1 East Central Regional WRF Biosolids Improvements**
Owner: ECRWRF Operations Board c/o The City of West Palm Beach
Project Start/Completion Dates: August 2015 – March 2020 (Substantial), March 2022 (Final)
Contract Value: \$97,040,423
- 2 CD 1.07 Digesters and Control Building Upgrades, Acid Phase and Substation 7 & 8, Contract No. S-897**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: August 2018 – August 2023 (Substantial Completion)
Contract Value: \$93,361,000
- 3 South District WWTP HLD Upgrade to 285-MGD Filter System, Contract No. S-805**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: August 2008 – October 2013 (Warranty Period through October 2014)
Contract Value: \$134,253,006

Poole & Kent Company of Florida Project Manager Experience

COMPLETED WWTP PROJECTS WITH CONTRACT VALUE GREATER THAN \$25 MILLION

- 1 East Central Regional WRF Biosolids Improvements**
Owner: ECRWRF Operations Board c/o The City of West Palm Beach
Project Start/Completion Dates: August 2015 – March 2020 (Substantial), March 2022 (Final)
Contract Value: \$97,040,423
Project Manager Experience: Jason Padilla, Stephen Polk II
- 2 CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1-6, Contract No. S-922**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: October 2019 – July 2022 (Final Completion), October 2022 (Final Acceptance)
Contract Value: \$25,000,308
Project Manager Experience: Stephen Polk II
- 3 Central District WWTP Industrial Injection Well Surface Facilities, Contract No. S-870**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: May 2017 – November 2019
Contract Value: \$25,982,500
Project Manager Experience: Jason Padilla

Poole & Kent Company of Florida Project Experience

COMPLETED WWTP PROJECTS WITH ELECTRICAL EQUIPMENT/SYSTEMS

- 1 NDWWTP Pretreatment Sludge Transfer Headworks Upgrade, Contract No. S-871**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: November 2015 – May 2017 (Substantial Completion), March 2018 (Final Completion, October 2022 (Final Acceptance)
Electrical Equipment/Systems: Installation of new 4160 KV Switchgear and 480 V Motor Control Center.
- 2 Central District WWTP Industrial Injection Well Surface Facilities, Contract No. S-870**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: May 2017 – November 2019
Electrical Equipment/Systems: Installation of four high voltage (13.2 KV) transformers and associated switchgear, MCCs, VFDs, and other electrical and control panels; Medium Voltage Electrical Distribution
- 3 CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1-6, Contract No. S-922**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: October 2019 – July 2022 (Final Completion), October 2022 (Final Acceptance)
Electrical Equipment/Systems: Medium and High Voltage Electrical Distribution including (2) new 5,000 KVA 13.2-4160V transformers for new substations; (2) new 15KV metal-clad arc-resistant switchgears; (2) new 5KV metal-clad arc-resistant switchgears rated for 1,200 HP motor loads; (2) new 300 KVA 4160V-480V transformers; (2) new 480V arc-resistant Motor Control Centers; light fixtures, receptacles, switches, disconnects, conduits, and cables; Lightning protection and grounding systems; fire alarm system and connection to the facility's master fire alarm panel.
- 4 CD 1.07 Digesters and Control Building Upgrades, Acid Phase and Substation 7 & 8, Contract No. S-897**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: August 2018 – August 2023 (Substantial Completion)
Electrical Equipment/Systems: Installed MCCs, VFDs, panels, transformers, conduit, cabling, and lighting. Integrated electrical systems with new digester tank covers. Constructed new ductbanks and connections to existing infrastructure. Installed two 13.2 KV, 2,500 KVA transformers and switchgears at Substations 7 and 8. Delivered full electrical systems for the Acid Phase Control and Electrical Buildings

Poole & Kent Company of Florida Lead Electrician/Qualifier Experience

COMPLETED WWTP PROJECTS WITH MEDIUM OR HIGH VOLTAGE ELECTRICAL SYSTEMS

- 1 Central District WWTP Industrial Injection Well Surface Facilities, Contract No. S-870**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: May 2017 – November 2019
Electrical Equipment/Systems: Installation of four high voltage (13.2 KV) transformers and associated switchgear, MCCs, VFDs, and other electrical and control panels. Medium Voltage Electrical Distribution
- 2 CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1-6, Contract No. S-922**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: October 2019 – July 2022 (Final Completion), October 2022 (Final Acceptance)
Electrical Equipment/Systems: Medium and High Voltage Electrical Distribution including (2) new 5,000 KVA 13.2-4160V transformers for new substations; (2) new 15KV metal-clad arc-resistant switchgears; (2) new 5KV metal-clad arc-resistant switchgears rated for 1,200 HP motor loads; (2) new 300 KVA 4160V-480V transformers; (2) new 480V arc-resistant Motor Control Centers; light fixtures, receptacles, switches, disconnects, conduits, and cables; Lightning protection and grounding systems; fire alarm system and connection to the facility's master fire alarm panel.
- 3 CD 1.07 Digesters and Control Building Upgrades, Acid Phase and Substation 7 & 8, Contract No. S-897**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: August 2018 – August 2023 (Substantial Completion)
Electrical Equipment/Systems: Installed MCCs, VFDs, panels, transformers, conduit, cabling, and lighting. Integrated electrical systems with new digester tank covers. Constructed new ductbanks and connections to existing infrastructure. Installed two 13.2 KV, 2,500 KVA transformers and switchgears at Substations 7 and 8. Delivered full electrical systems for the Acid Phase Control and Electrical Buildings

Poole & Kent Company of Florida Project Experience

COMPLETED WWTP PROJECTS WITH INSTRUMENTATION & CONTROLS CONNECTING TO EXISTING SCADA

- 1 East Central Regional WRF Biosolids Improvements**
Owner: ECRWRF Operations Board c/o The City of West Palm Beach
Project Start/Completion Dates: August 2015 – March 2020 (Substantial), March 2022 (Final)
Instrumentation & Controls connecting to existing SCADA
- 2 CD 1.07 Digesters and Control Building Upgrades, Acid Phase and Substation 7 & 8, Contract No. S-897**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: August 2018 – August 2023 (Substantial Completion)
Instrumentation & Controls connecting to existing SCADA
- 3 NDWWTP Pretreatment Sludge Transfer Headworks Upgrade, Contract No. S-871**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: November 2015 – May 2017 (Substantial Completion), March 2018 (Final Completion, October 2022 (Final Acceptance)
Instrumentation & Controls connecting to existing SCADA

Poole & Kent Company of Florida Project Experience

COMPLETED WWTP PROJECTS WITH HVAC EQUIPMENT INCLUDING COOLING TOWERS

- 1** **Central District WWTP Chlorination Facilities, Contract No. S-890**
Owner: Miami-Dade Water and Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: April 2016 – September 2018
HVAC System/Equipment: One (1) cooling tower package with water source heat pump units and condenser water pumps for the Site 1 – Mechanical and Electrical Building.
- 2** **CD 2.03-2.04 Headworks Upgrades, 2.18(1) Odor Control Systems, 2.25(2) Ventilation, Contract No. S-880**
Owner: Miami-Dade Water and Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: August 2016 – February 2019
HVAC System/Equipment: Two (2) cooling tower packages with water source heat pump units and condenser water pumps for Electrical Building 1 and Electrical Building 2.
- 3** **CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1-6, Contract No. S-922**
Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County
Project Start/Completion Dates: October 2019 – July 2022 (Final Completion), October 2022 (Final Acceptance)
HVAC System/Equipment: Three (3) cooling tower packages with water source heat pump units and condenser water pumps for the new two-story electrical building.

Poole & Kent Company of Florida Project Experience

PROJECT SUMMARIES AND REFERENCES

- 1. East Central Regional WRF Biosolids Improvements**
- 2. CD 1.07 Digesters and Control Building Upgrades, Acid Phase and Substation 7 & 8, Contract No. S-897**
- 3. South District WWTP HLD Upgrade to 285-MGD Filter System, Contract No. S-805**
- 4. Central District WWTP Industrial Injection Well Surface Facilities, Contract No. S-870**
- 5. CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1-6, Contract No. S-922**
- 6. NDWWTP Pretreatment Sludge Transfer Headworks Upgrade, Contract No. S-871**
- 7. Central District WWTP Chlorination Facilities, Contract No. S-890**
- 8. CD 2.03-2.04 Headworks Upgrades, 2.18(1) Odor Control Systems, 2.25(2) Ventilation, Contract No. S-880**

Miami-Dade County
North District WWTP High Level Disinfection Facilities, Contract No. S-966
Poole & Kent Company of Florida | Qualifications and Experience
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East Central Regional WRF Biosolids Improvements

Owner: ECRWRF Operations Board c/o The City of West Palm Beach

Poole & Kent's Role: Prime Contractor

Contract Value: \$97,040,423

Contract Duration: August 2015 – March 2020 (Substantial), March 2022 (Final)

Project Description: Construction of the biosolids improvements at the existing facility included the following:

- Converting Sludge Decant No. 1 to an Aerated Waste Activated Sludge (WAS) Storage Tank, including rehabilitation of the tank structure, installation of a new coarse-bubble diffused aeration system, and construction of a new blower building.
- Converting Sludge Decant Tank No. 2 to a Centrate Equalization Tank, including rehabilitation of the tank structure, installation of mixing equipment, and construction of a new equalized centrate return pump station.
- Upgrades to the existing Gravity Belt Thickening Facility, including installation of new gravity belt thickener feed pumps, refurbishment of three (3) gravity belt thickening systems, installation of a new gravity belt thickener, and installation of a new liquid polymer storage/feed system.
- A new Thickened Waste Activated Sludge Storage Tank, consisting of two (2) cells, each equipped with a vertical mixer.
- A new Temperature-Phased Anaerobic Digestion Facility, including six (6) digesters, sludge pumping and heating equipment rooms, a boiler room, a digester gas compressor room, and waste gas burners.
- A new Digested Sludge Holding Tank, consisting of three (3) cells, each equipped with a vertical mixer.
- A new Centrifuge Dewatering Facility; a three-story building containing four (4) high solids centrifuges, four (4) sludge cake storage hoppers, sludge cake conveying equipment, a two-lane truck loading station, and a liquid polymer storage/feed system.
- Two (2) new Septage Receiving Stations and a new FOG (fats/oils/greases) Receiving Station.
- A new Ferric Chloride Storage and Pumping Facility.
- New biosolids odor control facilities.
- Converting the existing aerobic digester to Aeration Basin No. 1, including structural demolition, new baffle walls and walkways, a new fine-bubble diffused aeration system, anaerobic zone vertical mixers, and influent and effluent structures.
- Sitework, including but not limited to, new gravity drain piping network, new storm water collection network, new process yard piping, pressure piping, grading, paving, and striping.
- Expansion of electrical power distribution system and modifications to existing 2,800 kW generator.
- Installation of two (2) 5,000 diesel fuel storage tanks and construction of fuel piping system.
- Expansion and upgrades to existing SCADA system.
- Maintenance of plant operations.

Reference:

John Hoffman, Construction Manager

Hazen and Sawyer

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Email: jhoffman@hazenandsawyer.com

Miami-Dade County
North District WWTP High Level Disinfection Facilities, Contract No. S-966
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CD 1.07 SDWWTP Digesters and Control Building Upgrades, Acid Phase and Substation 7 & 8, Contract No. S-897

Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County

Poole & Kent's Role: Prime Contractor

Contract Value: \$93,361,000

Contract Duration: August 2018 – August 2023 (Substantial Completion)

Project Description: Our team successfully executed a multifaceted infrastructure upgrade at the South District Wastewater Treatment Plant (SDWWTP), delivering critical improvements to digestion, electrical, mechanical, and control systems. The project was part of a strategic initiative to accelerate compliance and enhance operational resilience under the Miami-Dade WASH Consent Decree. The scope encompassed full rehabilitation of Digester Cluster 1, construction of new Electrical Substations 7 and 8, expansion of hot water and gas handling systems, and development of a new Acid Phase Digester Complex. All work was completed in accordance with contract specifications, safety standards, and quality control protocols.

- Executed full site development for Substations 7 and 8, including retaining wall construction, grading, paving, drainage, and utility relocation
- Installed electrical ductbanks, manholes, and street lighting infrastructure
- Performed earthwork, erosion control, compaction, and surveying
- Installed and pressure-tested yard piping systems for sludge, gas, water, and sanitary drainage, with full utility support and relocation
- Rehabilitated Digester Cluster 1 with new heat exchangers, pumps, gas booster blowers, and safety systems
- Installed a new hot water loop and supply system in the Cogeneration Building
- Added floating covers with linear motion mixers to Digester Tanks 1–4
- Digester #6 cleaning and damaged cover demolition
- Constructed the Acid Phase Digester Complex with advanced mixing, heating, and gas systems across four reactor tanks and associated buildings
- Installed MCCs, VFDs, panels, transformers, conduit, cabling, and lighting at Cluster 1 and the Cogeneration Building
- Integrated electrical systems with new digester tank covers
- Constructed new ductbanks and connections to existing infrastructure
- Installed two 13.2 KV, 2,500 KVA transformers and switchgears at Substations 7 and 8
- Delivered full electrical systems for the Acid Phase Control and Electrical Buildings
- Installed all instrumentation, gauges, control panels, and OWNER-furnished RTUs, cabinets, switches, and fiber optics
- Modified and expanded controls for the hot water system
- Delivered full instrumentation systems for the Acid Phase Complex
- Provided system integration services including calibration, loop checks, startup, commissioning, and performance testing
- Repaired concrete structures at digester cluster and tanks
- Modified building openings for ventilation upgrades
- Extended Electrical Rooms and replaced architectural elements
- Constructed new pads, sealed conduit openings, and built new Substation and Acid Phase buildings
- Demolished outdated HVAC systems and installed new ventilation fans, ductwork, and air filtration units
- Delivered climate control systems for Control Buildings, Substations, and the Acid Phase Electrical Building
- Removed all legacy mechanical, electrical, and instrumentation systems
- Cleaned and dewatered Digester Tanks, removed floating covers and internal piping
- Demolished yard piping and relocated utilities to accommodate new infrastructure
- Enhanced operational reliability and safety across critical wastewater treatment systems
- Accelerated compliance with regulatory mandates under the Consent Decree
- Delivered integrated infrastructure with future-ready capacity for expansion
- Maintained schedule and quality benchmarks through rigorous project management and coordination

Reference:

Jorge Orozco, Construction Manager

Miami-Dade Consent Decree PM/CM Team

Phone: 305.905.0430

Email: jorge.orozco@miamidade.gov

Miami-Dade County
North District WWTP High Level Disinfection Facilities, Contract No. S-966
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South District WWTP High Level Disinfection (HLD) Upgrade to 285-MGD Filter System, Contract No. S-805

Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County

Poole & Kent's Role: Prime Contractor

Contract Value: \$134,253,000 (Original), \$123,540,539 (Final)

Contract Duration: August 2008 – November 2013

Project Description: In 2004, the Miami-Dade Water and Sewer Department (MDWASD) entered into a Consent Decree with the United States Environmental Protection Agency (EPA), mandating the upgrade of the County's South District Wastewater Treatment Plant. The upgrade required the incorporation of a 285-million-gallon-per-day (MGD) reclaimed water filtration system. Additionally, the facility was required to meet Florida Department of Environmental Protection (FDEP) High Level Disinfection (HLD) reclaimed water standards and achieve water quality equivalent to primary drinking water standards. This facility was designed to become the largest in Florida to treat wastewater to such stringent standards. In June 2008, Poole & Kent Company of Florida (P&K) was awarded the contract to construct the HLD Filter System Upgrade. The project included one of the largest deep-bed sand filter systems in the United States, comprising 30 filter cells measuring 15.25 feet by 88 feet, each containing six feet of sand media, with provisions for future expansion to 48 cells.

Key improvements under the project included:

- **Flocculation Trains:** Three flocculation trains were constructed within a single cast-in-place concrete tank, each equipped with flash mixing followed by slow mixing to enhance solids removal by the downstream filter system.
- **Deep-Bed Sand Filters:** Thirty deep-bed sand filters were built, including concrete basins, underdrain systems, filter media, wastewater troughs, gallery piping, and control instrumentation.
- **Precision Underdrain Piping:** Each of the 30 underdrain pipe runs measured 36" in diameter and 95' in length, with 66 outlets per run. Each outlet split into two branches cast into the foundation slab with a tolerance of 1/16". P&K designed and constructed a template to meet this tolerance, which was later adopted by the manufacturer as the recommended installation method.
- **Cofferdams:** Two cofferdams were constructed on the north and south sides of the flocculation tank to transfer 285 MGD of wastewater to the filters.
- **Filter Media Installation:** The filters contained 18,000 tons of gravel and media, which required backwashing during installation. Due to dependency on another project for permanent pumping equipment, P&K used a temporary system to perform backwashing early, improving the construction schedule.
- **Concrete Work:** The contract included 44,000 cubic yards of cast-in-place concrete. Although the schedule allocated 40 months for this portion, P&K completed it in 24 months using two structural subcontractors, with no deficiencies.
- **Structural Innovation:** Hydraulic structures (tanks) and buildings housing mechanical and electrical equipment were constructed simultaneously by separate subcontractors. This approach expedited completion, with up to 1,000 cubic yards of concrete placed weekly.
- **Backwash System:** Included three 275,000-gallon concrete tanks, eight 200 HP, 8,000 GPM backwash pumps, piping, and associated electrical and control systems.
- **Air-Scour System:** Included seven 500 HP, 12,000 CFM positive displacement blowers, air piping, filters, silencers, and controls.
- **Waste Handling System:** Included three 500,000-gallon concrete tanks and eight 200 HP, 8,000 GPM pumps with variable frequency drives, piping, and controls.
- **Filter Buildings:** Two 22,200 square foot buildings housed air blowers and backwash systems for the North and South Filters, including full architectural, structural, electrical, HVAC, and plumbing systems.
- **Polymer System:** A 4,200 square foot Polymer Building housed the polymer storage, preparation, and feed system.
- **Utilities and Sitework:** Included installation of water mains (6–24"), waste lines, flush water lines, fire hydrants, chlorine piping, potable water, storm drainage, manholes, and catch basins.
- **Underground Piping:** Installed approximately 1,630 LF of 96"/108" PCCP, 3,100 LF of 4"/8" water mains, 5,352 LF of flush water lines (6"–16"), 1,250 LF of backwash waste piping (36"–48"), and 2,000 LF of miscellaneous piping and drains.
- **Instrumentation and Controls:** Included all associated electrical, instrumentation, and control improvements.
- **Project Coordination and Execution:** Shortly after contract award, MDWASD replaced the project's electrical engineer,

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resulting in substantial design modifications. These changes affected electrical, structural, mechanical, and instrumentation work and were implemented during active construction. P&K coordinated these changes with the design team and subcontractors while maintaining and improving the project schedule.

P&K was responsible for scheduling, coordination, procurement, and execution of all construction activities. With 14 other concurrent construction contracts on-site, successful completion required close coordination with the Owner, Engineer, and other contractors. The contract included multiple construction phases and twelve distinct Substantial Completion milestones to ensure uninterrupted operation of the existing facility and integration with related projects.

During construction, the Owner elected to upgrade the filter control system from manual to a customized, web-based, fully automated system using allowance funds within the contract.

- **Performance and Outcome:** P&K conducted full-scale performance testing of the filter system to meet the specified requirement of less than 5 ppm total suspended solids (TSS) in the filtered effluent. The system consistently exceeded expectations, producing effluent with TSS below 1 ppm. The project was completed safely, on schedule, and within budget, earning a **Superior Performance** rating from Miami-Dade County.



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**MIAMI-DADE COUNTY, FLORIDA****Capital Improvements Information System****Water and Sewer
Consultant Evaluation**

Evaluation Type: Standard Evaluation

Contract:	S-805 (A)	Work Order No: N/A
Contract Name:	South District Wastewater Treatment Plant, HLD Upgrade to 285 MGD, Filter System	Contact: John W. Chorlog, Jr.
Award Amount:	\$117,878,788.50	786-552-7024
Contract Type:	CONSTRUCTION	
Contractor / Consultant:	Poole & Kent Company of Florida	PEIN: 753183488

Evaluator ID: GARCM

Date: 2/24/2012

Period: Interim

Rating *						Criteria
	4	3	2	1	N/A	
1-	✓					Schedule - Quality of schedule & adherence to schedule resulting in timeliness and minimizing delay to the owner and community.
2-	✓					Cost effectiveness & efficiency - Budget compliance & value of work.
3-					✓	Vision - Design - Concepts or adherence to criteria.
4-	✓					Cooperation - Teamwork & relationship with owner, subs and suppliers.
5-	✓					Coordination - Ability to organize, schedule and complete tasks in adherence to the schedule.
6-	✓					Accuracy & Technical Skills - Cost estimating, scheduling, shop and other drawings, plans, manuals, project documentation and conflict resolution.
7-	✓					Completeness - Compliance with contract documents, permits, Codes & standards.
8-	✓					Responsiveness - Timely, clear & concise responses to owner comments and correspondence.
9-	✓					Commitment - Intangibles & contribution to project success.
10-	✓					Personnel - Quality and dedication of project staff.
11-	✓					Management - Leadership ability.
12-	✓					Quality - Work performed correctly the first time.

Overall Performance Average: 4.0

Documentation that supports this evaluation and Contractor's/Consultant's comments can be obtained by contacting:

Mario Garcia at Phone# 786-295-4103

Evaluation Reviewed by: Supervisor ☐ Division Chief ☒ Assistant Director ☐ Director ☐

The method of delivery of this evaluation to contractor/consultant: Certified Mail ☐ Email ☐ Fax ☐

Hand ☒

(Unresponsive Performance by contractor/consultant requires 2 delivery methods, one MUST be Certified Mail.)

Evaluation delivered to: Daniel Salinas

<http://intra.metro-dade.com/ciis/fmContractorEvaluation.asp?SelCICCN=2126&SelMo...> 2/24/2012

Miami-Dade County
North District WWTP High Level Disinfection Facilities, Contract No. S-966
Poole & Kent Company of Florida | Qualifications and Experience
 August 6, 2025

Central District WWTP Industrial Injection Well Surface Facilities, Contract No. S-870

Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County

Poole & Kent's Role: Prime Contractor

Contract Value: \$25,982,500

Project Start/Completion Dates: May 2017 – November 2019

Project Description: In 2017, Poole & Kent was awarded a contract to construct an Industrial Injection Well Pump Station (IWPS) and surface facilities for two (2) existing injection wells and one (1) existing monitoring well. The pump station is designed to receive and blend four (4) waste streams including leachate from the Virginia Key Landfill Groundwater Remediation System, Plant 2 digester gas scrubbers wastewater, sludge dewatering centrate, and Plant 1 treated secondary effluent. The waste streams are blended in the pump station channel/wet wells and pumped to the injection wells.

Improvements included under the project consist of the following components:

- Demolition of existing utilities and pavement required for construction of the new IWPS.
- Design and construct a cofferdam for construction of the IWPS, including all sheeting, shoring, piles, concrete, backfill, and other components required; conducted additional geotechnical borings and testing; earthwork, excavation, dewatering, backfill, and compaction.
- Installation of yard piping, valves, and appurtenances for the four (4) waste streams to convey the waste stream from the source to the IWPS. This included the installation of: Concrete flow interceptor boxes for Plant 2 digester gas scrubber waste water and Plant 2 treated secondary effluent which are gravity flow pipelines. Connections to the existing centrate pump station and installation of pressurized piping from the centrate pump station to the IWPS. Connections to leachate piping at the south plant property line and installation of pressurized piping from the connection point to the IWPS. Support and relocation of existing utilities.
- Installation of yard piping, valves, and appurtenances to convey the blended waste from the IWPS pumps to the two (2) injection wells and installation of the injection well surface piping, flow meter, valves, concrete containment pad, and containment sump discharge piping.
- Installation of monitoring well pumps, piping, and valves.
- Installation of high and medium voltage electrical ductbanks, conduit, cable, etc. to bring the electrical power supply to the IWPS. This work included installation of manholes and pullboxes, connections to the Main Switchgear Building, and connections to new transformers.
- Construction of the two-story IWPS structure and two below grade wetwells and influent channel. The pump station has two (2) electrical rooms and one (1) pump room.
 - Four (4) high voltage (13.2 KV) transformers were installed in the first floor air-conditioned electrical room.
 - Medium voltage electrical switchgear, medium voltage variable frequency drives (VFDs), Motor Control Centers (MCCs), Remote Terminal Units (RTU), and other electrical and instrumentation panels were installed in the second floor air-conditioned electrical room.
 - Four (4) medium voltage (4160 volt) 900 horsepower vertical turbine pumps and pump discharge piping, valves, and appurtenances, were installed in the first or second floor pump room.
- Installation of two (2) hydropneumatic surge tanks with associated air compressor system for surge protection.
- All architectural, structural, electrical, instrumentation and controls, and building mechanical work associated with the construction of the IWPS and the injection wells and monitoring wells surface facilities.
- Site civil work included paving and grading around the new IWPS and the connection points to the waste streams.
- Start-up and testing services for equipment and the commissioning of the IWPS.
- Coordination with the drilling contractor and MDWASD as required for the scheduling of work, shut-downs and connections to existing facilities, and other items to complete the construction of the pump station, as well as coordination with other contractors as several Consent Decree Projects were being constructed simultaneously.

Reference:

Sonia Villamil, Chief Well Engineering Section

Miami-Dade Water and Sewer Department, Hydrogology Technical Services Division

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CD 1.05(2) Effluent Pump Station Electrical Improvements for Pumps 1-6, Contract No. S-922

Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County

Poole & Kent's Role: Prime Contractor

Contract Value: \$25,000,308

Project Start/Completion Dates: October 2019 – July 2022 (Final Completion), October 2022 (Final Acceptance)

Project Description: This Consent Decree project consisted of electrical improvements to an existing effluent pump station at an operational wastewater treatment plant. Construction improvements consisted of the following:

- Replacement of motors for six (6) existing effluent pumps (vertical turbine pumps) with new 900 horsepower motors.
- Construction of a new two-story electrical building including foundation, concrete columns and pre-cast double tees, SBS modified bituminous membrane roofing system, and roll-up doors for equipment access, etc.
 - The first floor of the new electrical building required construction of two (2) transformer rooms for Substations 13 and 14.
 - The second floor houses the rest of the electrical distribution equipment.
- Procurement and installation of electrical and control equipment for pump station operation, including but not limited to:
 - Two (2) new 5,000 KVA 13.2-4160V transformers for new substations
 - Two (2) new 15KV metal-clad arc-resistant switchgears
 - Two (2) new 5KV metal-clad arc-resistant switchgears rated for 1,200 HP motor loads.
 - Two (2) new 300 KVA 4160V-480V transformers
 - Two (2) new 480V arc-resistant Motor Control Centers
 - Light fixtures, receptacles, switches, disconnects, conduits, and cables.
 - Lightning protection and grounding systems.
 - Fire alarm system and connection to the facility's master fire alarm panel.
- HVAC system included but was not limited to three (3) cooling tower packages with water source heat pump units and condenser water pumps for the new two-story electrical building.
- Instrumentation and controls, process mechanical, civil/sitework, coatings, and electrical sitework were completed as required.

Reference:

Jorge Orozco, Construction Manager

Miami-Dade Consent Decree PM/CM Team

Phone: 305.905.0430

Email: jorge.orozco@miamidade.gov

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North District WWTP High Level Disinfection Facilities, Contract No. S-966
Poole & Kent Company of Florida | Qualifications and Experience
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NDWWTP Pretreatment Sludge Transfer Headworks Upgrade, Contract No. S-871

Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County

Poole & Kent's Role: Prime Contractor

Project Start/Completion Dates: November 2015 – May 2017 (Substantial Completion), March 2018 (Final Completion), October 2022 (Final Acceptance)

Project Description: North District Wastewater Treatment Plant is one of three wastewater treatment facilities located in Miami-Dade County. The plant was originally built in the late 1970s. In 2013, Miami-Dade entered into a federally mandated Consent Decree with the United States Environmental Protection Agency and the Florida Department of Environmental Protection. As part of the Consent Decree, Miami-Dade has committed to making improvements to the wastewater collection and treatment system over the next 15 years.

This project was 1 of 11 projects taking place under the Consent Decree Program at the North District WWTP. The project is a two-phase approach to improve the existing screening facilities at the NDWWTP. In Phase 1, bar screens are replaced with perforated plate screens and Phase 2 involves the upgrade of the pretreatment buildings for fire code compliance and replacement of primary sludge grit separation equipment. Improvements included under the project include the following components:

- Replacement of nine (9) existing bar screens, 6 of which are located in the Pretreatment and Sludge Transfer Building and 3 of which are located in the Aerated Grit/Screening Building with nine (9) owner furnished 6mm automatic perforated plate screens and four (4) new compactors;
- Construction of a new elevated Electrical Room (Addition) adjacent to the existing Electrical Room in the Pretreatment and Sludge Transfer Building to house new 4160 KV Switchgear, a 480V Motor Control Center (MCC), a new Remote Transfer Unit, new battery bank, and a new instrumentation room. The electrical equipment to be located in this room will be owner furnished.
- Furnish and install six (6) Eutek Slurry Cups and three (3) Eutek Grit Snails to replace five (5) existing of hydrocyclone degritters and screw classifiers, all of which are located in the Pretreatment and Sludge Transfer Building;
- Furnish and install eight (8) new self-priming centrifugal primary sludge pumps to replace the existing primary sludge pumps to meet the new hydraulic conditions of the degritting system;
- Replacement of two scrubber towers with new 20,000 scfm towers;
- Modifications to the new Motor Control Center to provide electrical feeds to the new equipment located in the Pretreatment and Sludge Transfer Building and Aerated Grit/Screenings Building;
- Structural and architectural modifications to the Pretreatment and Sludge Transfer Building in order to comply with current National Fire Protection Association (NFPA) standards and to accommodate the housing of the new mechanical equipment;
- Construction of a new forced air ventilation system for the Pretreatment and Sludge Transfer Building and the Aerated/Grit Screening Building;
- Replacement of all electrical wiring inside the Pretreatment and Sludge Transfer Building;
- Replacement of all existing electrical motors with new Premium Efficiency Models;
- Rehabilitation of the existing Foul Air collection system at the Pretreatment and Sludge Transfer Building and at the Aerated Grit/Screenings Building;
- Replacement of the flushing water pump located in the on-site Chlorine Building;
- Extension of the flushing water connection line to the Aerated Grit/Screenings Building;
- Incorporation of new facilities into the plant wide SCADA system.

The project was completed safely, on schedule, and within budget, earning a **Superior Performance** rating from Miami-Dade County.

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MIAMI-DADE COUNTY, FLORIDA

Capital Improvements Information System

Water and Sewer

Consultant Evaluation

Evaluation Type: Standard Evaluation

Contract:	S-871	Work Order No: 1
Contract Name:	North District Wastewater Treatment Plant Pretreatment / Sludge Transfer Rehabilitation	
Site Project Name:	North District Wastewater Treatment Plant Pretreatment / Sludge Transfer Rehabilitation	
Site Location:	2575 NE 151 Street, North Miami Beach, FL	
Award Amount:	\$14,695,000.00	Contact: Mario A. Vargas
		786-552-8589
Contract Type:	CONSTRUCTION	FLIN: 753163466
Contractor / Consultant:	Poole & Kent Company of Florida	

Evaluator ID: E404111

Date: 7/2/2024

Period: Project conclusion or closeout

Rating:						Criteria
	4	3	2	1	N/A	
1-	✓					Schedule - Quality of schedule & adherence to schedule resulting in timeliness and minimizing delay to the owner and community
2-	✓					Cost effectiveness & efficiency - Budget compliance & value of work.
3-	✓					Vision - Design - Concepts or adherence to criteria.
4-	✓					Cooperation - Teamwork & relationship with owner, subs and suppliers.
5-	✓					Coordination - Ability to organize, schedule and complete tasks in adherence to the schedule.
6-	✓					Accuracy & Technical Skills - Cost estimating, scheduling, shop and other drawings, plans, manuals, project documentation and conflict resolution.
7-	✓					Completeness - Compliance with contract documents, permits, Codes & standards.
8-	✓					Responsiveness - Timely, clear & concise responses to owner comments and correspondence.
9-	✓					Commitment - Intangibles & contribution to project success.
10-	✓					Personnel - Quality and dedication of project staff.
11-	✓					Management - Leadership ability.
12-	✓					Quality - Work performed correctly the first time.

Overall Performance Average: 4.0

Documentation that supports this evaluation and Contractor's/Consultant's comments can be obtained by contacting:

Mario A. Vargas at Phone# 786-552-8589

Evaluation Reviewed by Supervisor ☐ Division Chief ☒ Assistant Director ☐ Director

Reviewer Name: Marcelino Torres

Reviewer Signature:

The method of delivery of this evaluation to contractor/consultant: Certified Mail ☐ Email ☒ Fax ☐

Hand ☐

(Unresponsive Performance by contractor/consultant requires 2 delivery methods one MUST be Certified Mail)

Evaluation delivered to: kevin@pkflorida.com

*** Rating Key**

- 4 Superior performance - Exemplary quality, no intervention required - project completed on time or early at or below budget with no change orders or amendments other than owner requested changes.
- 3 Satisfactory performance - Minor errors noted, addressed with timely corrective action. No serious errors noted or corrective action needed.
- 2 Guarded performance Errors and Omissions documented in writing with timely corrective action.
- 1 Unresponsive performance documented in writing without timely corrective action.

Miami-Dade County
North District WWTP High Level Disinfection Facilities, Contract No. S-966
Poole & Kent Company of Florida | Qualifications and Experience
August 6, 2025

Central District WWTP Chlorination Facilities, Contract No. S-890

Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County

Poole & Kent's Role: Prime Contractor

Project Start/Completion Dates: April 2016 – September 2018

Project Description: This project included the following components:

- Construction of three new buildings including Site 1 Bulk Storage Building, Site 1 Mechanical/Electrical Building, Site 2 Satellite Facility.
- Installation of (16) 20,000 gallon FRP tanks and (2) 2,500 gallon HDPE tanks.
- Installation of motor operated diaphragm metering pumps, spill containment troughs, spill containment pumps, magnetic drive pumps, installation of variable frequency drives, motor control centers, transformers, low voltage control panels, electrical switchboards, breakers, starters, lighting, grounding and lightning protection.
- HVAC system included but was not limited to (1) cooling tower package with water source heat pump units and condenser water pumps for the Site 1 – Mechanical and Electrical Building.



CD 2.03 and 2.04 Headworks Upgrades, 2.18(1) Odor Control Systems, and 2.25(2) Ventilation, Contract No. S-880

Owner: Miami-Dade Water & Sewer Department c/o Miami-Dade County

Poole & Kent's Role: Prime Contractor

Project Start/Completion Dates: August 2016 – February 2019

Project Description: This project included the following components:

- Construction of two new electrical buildings.
- Structural modifications within the bypass channel and grit chamber at headworks for both plants.
- Installation of owner furnished equipment to include eight (8) perforated plate screens, four (4) sluice conveyance systems, four (4) washer compactors, two (2) RTUs.
- Installation of six (6) blowers, sixteen (16) stop gates, six (6) slide gates, four (4) rectangular butterfly valves, two (2) booster pumping system for screens.
- Watermain extensions at both plants with back flow, flowmeter and bypass assembly to supply water to screens.
- Odor control equipment, tanks, ductwork, rollup door replacement.
- Refurbishment of chemical unloading stations within existing air scrubber building area at headworks for plants.
- Piping modifications and providing knife gate valves with motor operators at Plant 2 Oxygenation Tank area for each of the four trains.
- RAS line replacement and installing new RAS piping, plug valves with motor operators, flowmeters at Plant 2.
- Installation of gas detectors at existing air scrubber buildings and headworks buildings.
- Ventilation improvements at the existing air scrubber buildings.
- HVAC system included but was not limited to (2) cooling tower packages with water source heat pump units and condenser water pumps for Electrical Building 1 and Electrical Building 2.

Environmental Consultant(s) Experience

COMPLETED PROJECTS WITH SOIL & GROUNDWATER MANAGEMENT PLAN AND DUST CONTROL PLAN

Hydrologic Associates

Jackson Memorial Medical Center

Project Location: 1611 NW 12th Ave, Miami, FL 33136

Scope of Services: Prepared and implemented a Soil Management Plan, Dust Control Plan, Health and Safety Plan, and Air Monitoring Plan

Contact Information: Alvaro Sanchez (Project Manager, Skanska USA Building Inc.), (954) 218-6046,
alvaro.sanchez@skanska.com

University of Miami Hospital

Project Location: 1400 NW 12th Ave, Miami, FL 33136

Scope of Services: Prepared and implemented a Soil Management Plan, Dust Control Plan, Health and Safety Plan, and Air Monitoring Plan

Contact Information: Shawn Michael Conn (Director, UHealth Facilities Operations & Planning), (305) 989-6212,
sxc1907@miami.edu

**THIS PACKAGE WAS COMPILED TO DEMONSTRATE
POOLE & KENT COMPANY OF FLORIDA'S
CAPABILITIES, QUALIFICATIONS, AND EXPERIENCE
SPECIFICALLY RELATED TO CONTRACT NO. S-966.**

**ADDITIONAL REFERENCES/PROJECTS, AS WELL AS
SUBCONTRACTOR AND ENVIRONMENTAL CONSULTANT
REFERENCES/PROJECTS, ARE AVAILABLE UPON REQUEST.**

CONTRACT

Exhibit C

THIS CONTRACT, made and entered into on the ____ day of _____, 20____, by and between Miami-Dade County, Florida, acting by and through the Office of the Mayor, party of the first part (hereinafter sometimes called the "County"), and **Poole & Kent Company of Florida**, party of the second part (hereinafter sometimes called "Contractor");

WITNESSETH

That the parties hereto, for and in consideration of the covenants and agreements hereinafter set forth, mutually agree as follows, to wit:

1. That the Contractor shall furnish all labor, materials and equipment and perform all work in the manner and form provided by the Contract Documents covering the Project of the County known and identified as

NORTH DISTRICT WASTEWATER TREATMENT PLANT HIGH LEVEL DISINFECTION FACILITIES, CONTRACT NO. S-966

for the aggregate amount reflected by the Proposal, said aggregate amount being of **One Hundred Million Nine Hundred Seventy Seven Thousand Dollars and No Cents (U.S. Dollars) \$100,977,000.00.**

2. That the Contractor shall begin the work to be performed under this Contract on a day to be specified in a written order issued by the Engineer and shall fully complete all work hereunder within the time or times stated in the Proposal.

3. That the County shall pay to the Contractor for the faithful performance of this Contract, in lawful money of the United States, and subject to additions and deductions as provided in the Contract Documents, the total amount of the Proposal as set forth above at the times and in a manner stated in the General Contract Conditions of the Contract Documents.

4. It is further mutually agreed that if at any time after the execution of this Contract, Surety Performance and Payment Bond, the County shall deem the surety upon such bonds to be unsatisfactory, or if for any reason such bond shall become inadequate to cover the performance of the work, the Contractor shall at its own expense, within five (5) days after the receipt of notice from the County to do so, furnish an additional bond or bonds in such form and amount and with such surety or sureties as shall be satisfactory to the County. In such event, no further payment to the Contractor shall be deemed to be due under this Contract until such new or additional security shall have been furnished in a manner and form satisfactory to the County.

5. The "Contract Documents" are hereby defined as the Advertisement for Bids, Questionnaire, Instruction to Bidders, Proposal, Certified Resolution for Proposal and Bid Form, Bid Bond, all forms submitted pre and post award, including, without limitation, Miami-Dade County Vendor Affidavits Form, Sworn Statement – Public Entity Crimes, Clearinghouse Affidavit, Job Order Request form, and the Small Business Enterprise Programs Participation Provisions and Forms (if applicable), this Contract, Certified Resolution for Contract and Performance and Payment Bond, Performance and Payment Bond, Standard Construction General Contract Conditions, revised August 1, 2023, the Technical Specifications, Plans and Drawings designated in the specifications, all Technical Appendices, all Addenda, Water & Sewer Department Special Provisions, Change Orders to the Contract, Notice to Proceed, Referenced Codes and Standards, Warranties and Guarantees, all related correspondence, field notes, logs, and other documents.

CONTRACT

The Standard Construction General Contract Conditions of said Contract Documents are incorporated herein by reference and made a part hereof as though fully set forth herein. The Contract Documents are complementary, so that a recital in one is tantamount to a recital in all, and the Contractor specifically acknowledges that it has read and understands all of said Contract Documents.

6. The various indemnities of the Contractor contained in the Contract Documents indemnifying the County from liability for damages to persons or property caused by acts, omissions, or defaults in the performance of the Contract Documents shall have a monetary limitation of the larger of the following: \$1,000,000.00, or the entire amount of the Contract.

7. The County retains the right to audit any and all information regarding this Contract as described in the Standard Construction General Contract Conditions, Article 12 G (Miscellaneous Provisions – Audit Rights)

8. Notwithstanding and prevailing over any other provision of the Contract Documents to the contrary, the County Mayor or his designee, may exercise the provisions of Section 2-8.2.12 (4)(d) and (e) of the Code of Miami-Dade County. Any change orders or amendments shall not exceed 10 percent of the base contract price in cumulative percentage amount; provided however, that the foregoing limitation shall not apply to any change order or amendment related to emergency actions impacting remediation, public safety, health requirements or recovery from natural disaster and the foregoing change orders and amendments shall require ratification by the Board; provided further that the County Mayor or his designee may reduce in any amount the scope and compensation payable under this Contract and grant compensable and non-compensable time extensions thereunder. Pursuant to Section 2-8.2.12 (5), the Mayor or the Mayor's designee's award and execution of this Contract is subject to ratification by the Board of County Commissioners. If the Mayor or the Mayor's designee's action is not ratified, and such legislative action becomes final, this Contract shall be deemed terminated without further notice. In such event, the Contractor shall not be entitled to recovery of any lost profits or other consequential or indirect damages. However, the Contractor is eligible for payment for any work done prior to failure of the ratification, in accordance with General Contract Conditions Article on Termination for Convenience.

9. "Contract Execution Date" means the date of the last signature on this contract.

The balance of this page is intentionally left blank

CONTRACT

IN WITNESS WHEREOF, the parties hereto have executed this Contract in four (4) counterparts, each of which shall be deemed an original Contract, all as of the day and year first hereinbefore written.

(OFFICIAL SEAL)

ATTEST:

Juan Fernandez-Barquin
Clerk of the Court and Comptroller

MIAMI DADE COUNTY, FLORIDA
BY ITS BOARD OF COUNTY COMMISSIONERS

Attested by: _____
Deputy Clerk

By: _____
Mayor

Date

(PARTY OF THE FIRST PART)

Approved as to Form and Legal Sufficiency

Assistant County Attorney

WHEN THE CONTRACTOR IS A CORPORATION

(CORPORATION SEAL)

ATTEST


Assistant (Secretary)

David A. Strickland
(Print or type name)

Poole & Kent Company of Florida
(Name of Corporation)

By: 

(Signature of Officer)

Patrick H. Carr
(Print or type name)

President & CEO
(Official Title)

1781 NW North River Drive

Miami, FL 33125
(Address)

(PARTY OF THE SECOND PART)

* Attach to each counterpart a certified copy of a resolution of the Board of Directors of the corporation authorizing the officer who signs the Contract and Surety Performance and Payment Bond to do so in its behalf.



MEMORANDUM

(Revised)

TO: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

DATE: October 6, 2026

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 8(O)(4)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Statement of social equity required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☒ No committee review
- ☐ Requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, majority plus one ____, CDMP 7 votes (majority of membership) ____, CDMP 2/3 members present but not less than 7 votes (majority of membership) ____, CDMP 9 votes (2/3 membership) ____) to approve
- ☐ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(O)(4)
10-6-26

RESOLUTION NO. _____

RESOLUTION RATIFYING ACTION BY THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE RELATED TO THE MIAMI-DADE WATER AND SEWER DEPARTMENT'S CONSENT DECREE AND CAPITAL IMPROVEMENT PROGRAMS ACCELERATION ORDINANCE PURSUANT TO SECTION 2-8.2.12 OF THE CODE OF MIAMI-DADE COUNTY, FLORIDA, SPECIFICALLY THE APPROVAL OF THE AWARD OF CONTRACT NO. S-966 BETWEEN MIAMI-DADE COUNTY AND POOLE & KENT COMPANY OF FLORIDA FOR NORTH DISTRICT WASTEWATER TREATMENT PLANT HIGH LEVEL DISINFECTION FACILITIES IN AN AMOUNT NOT TO EXCEED \$100,977,000.00; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE THE PROVISIONS CONTAINED THEREIN

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board ratifies the action of the County Mayor or County Mayor's designee, as authorized by section 2-8.2.12 of the Code of Miami-Dade County, Florida, specifically, the approval of the award of Contract No. S-966 between Miami-Dade County and Poole & Kent Company of Florida for North District Wastewater Treatment Plant High Level Disinfection Facilities in an amount not to exceed \$100,977,000.00; and authorizes the County Mayor or County Mayor's designee to exercise the provisions contained therein.

The foregoing resolution was offered by Commissioner ,
who moved its adoption. The motion was seconded by Commissioner
and upon being put to a vote, the vote was as follows:

Anthony Rodriguez, Chairman	
Kionne L. McGhee, Vice Chairman	
Marleine Bastien	Juan Carlos Bermudez
Sen. René García	Oliver G. Gilbert, III
Roberto J. Gonzalez	Keon Hardemon
Danielle Cohen Higgins	Vicki L. Lopez
Natalie Milian Orbis	Raquel A. Regalado
Micky Steinberg	

The Chairperson thereupon declared this resolution duly passed and adopted this 6th day of October, 2026. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

JUAN FERNANDEZ-BARQUIN, CLERK

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

SED

Sarah E. Davis