

Memorandum



Date: June 1, 2022

To: Honorable Chairman Jose “Pepe” Diaz
and Members, Board of County Commissioners

From: Daniella Levine Cava
Mayor 

Subject: Resolution Approving the Award of the Ocean Outfall Legislation (OOL) Program
Construction Package ST-2D-A Electrical Distribution Building 3 South District
Wastewater Treatment Plant – Contract No.: S-930A

Agenda Item No. 8(O)(4)

Resolution No. R-537-22

EXECUTIVE SUMMARY

The attached resolution is seeking Board of County Commissioners (Board) approval for the award of Contract S-930A to PCL Construction, Inc. (PCL) for the Ocean Outfall Legislation (OOL) Program Construction Package ST-2D-A Electrical Distribution Building 3 South District Wastewater Treatment Plant (Contract). This project is for the construction of infrastructure necessary for the increase of South District Wastewater Treatment Plant’s (SDWWTP) permitted average annual daily flow (AADF) from 112.5 to 131 Million Gallons per Day (MGD) and increase of the peak flow capacity of the Plant from 285 MGD to 305 MGD.

RECOMMENDATION

It is recommended that the Board approve the attached resolution awarding the Contract to PCL . The total compensation amount for the base contract is \$142,232,300.00 with a total contract term of 1,365 days. This contract award recommendation was prepared by the Miami-Dade Water and Sewer Department (WASD).

DELEGATION OF AUTHORITY

Upon Board approval of this contract award recommendation, pursuant to Section 2-8.2.12 of (4)(d) and (e) of the Code, the County Mayor or County Mayor’s designee has the authority to amend and/or extend Contract No. S-930A 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/alternate contract amount. All actions taken under this delegation of authority are subject to Board ratification.

PROJECT BACKGROUND

The SDWWTP is owned and operated by WASD. This project is for the construction of the proposed infrastructure and is necessary for the increase of SDWWTP’s AADF from 112.5 to 131 MGD and increase of the peak flow capacity of the Plant from 285 MGD to 305 MGD. Since the SDWWTP’s service area continues to increase in population due to growth and redevelopment, this project is needed to address future projected capacity requirements.

It should also be noted that the SDWWTP is one of three regional wastewater treatment facilities operated by WASD and serving the southern portion of Miami-Dade County. The wastewater conveyance system to the three wastewater plants is interconnected so the flow can be directed between wastewater treatment plants to allow for operational flexibility, therefore the expansion project is part of a regional solution for

the wastewater treatment system of the County to meet future flows and loads. The project will also result in a more robust and resilient facility designed to meet WASD’s facility hardening criteria. This criterion will allow for the continuous operation of the wastewater treatment system during severe climatological events, which are frequent in the South Florida area.

Also, on May 21, 2013, the Board authorized the execution of a Consent Decree (CD) between Miami-Dade County, the United States of America, the State of Florida, and the Florida Department of Environmental Protection, for improvements to the County’s wastewater collection and treatment system. In addition to being part of the OOL program, in accordance with Appendix D of the United States Environmental Protection Agency CD, this project is also required for compliance with Consent Project Number CD 1.03(2), Oxygenation Trains – Mixer Upgrade / Electrical Building. This project will distribute the incoming 13.2 kV primary electric and reduce to 480V for distribution to the Oxygenation Trains and associated process equipment. The compliance date for CD 1.03(2) is November 16, 2025.

PROJECT NAME: ST-2D-A Electrical Distribution Building 3 South District Wastewater Treatment Plant

CONTRACT NO.: S-930A

PROJECT DESCRIPTION: This project is one in a series of projects that are being processed under Section 2-8.2.12 of the Code. Because the lowest bid is more than 10% above the engineer’s estimate, the Acceleration Ordinance does not apply, and the Award must be approved by the Board.

In general, the project consists of furnishing all materials, labor, and equipment necessary for the construction of a new Electrical Distribution Building 3 (EDB 3) at the South District Wastewater Treatment Plant (SDWWTP) owned by the Miami Dade Water and Sewer Department (WASD) and located at 8950 SW 232nd Street, Miami, FL 33032. Electrical Distribution Building 1 (EDB 1) will be modified as part of this contract to be used as future electrical storage by WASD following the electrical power redistribution of process loads to be done with this work. To support the County’s and WASD’s focus on sustainability, the design incorporates features contemplated by the Sustainability Ordinance including principles regarding Quality of Life, Resource Allocation, Natural World, and Climate & Resilience

The scope of work includes but is not limited to:

1. Modifications to Existing EDB 1:
 - Demolish and dispose of existing 13.2kV and 4.16kV Generator Switchgear and associated generator step-up transformers.
 - Demolish and dispose existing 13.2kV – 480V Substation 5/6 transformers.

- Remove and dispose existing 480V Switchgear that is fed from Substation 5/6 transformers.
- Remove and dispose existing 480V feeders from the existing Switchgear to Oxygenation Trains 1-4, Head works, and the Filtrate Building.
- Remove and dispose temporary primary 13.2KV power feeders for the new Substations 5/6 and Substations 15/16, including a second feed tapped off of the load side of the circuit breakers in EDB1 that currently feeds the existing Substations 5/6 and Substations 15/16.
- No changes to the building HVAC, plumbing, or structural will be performed.
- Upgrade fixtures to LED type.
- Provide new finish coatings.
- Demolish engine generators; and salvage radiators and turn over to Owner.
- Demolish fuel storage tanks 1 through 5, Truck Filling Station, and Fuel Transfer Pump Room with all corresponding equipment, piping, concrete pads/slabs, platforms. Salvage and turn over to Owner fuel storage tanks 6, 7, 8, and 9 and instruments for the generators for EDB1. Contractor to coordinate with Owner the specific tanks and instruments to be salvaged.

2. Rehabilitation of Substations 1/2

- Modify existing Oxygen Production Facility 1 to add an enclosed space for the following new electrical equipment:
- New 13.2kV-480V transformers 1 and 2.
- New 480V arc-resistant Switchgear fed from transformers 1 and 2.
- New 480V feeders from switchgear to Oxygenation Plant 1.
- Remove and dispose of asbestos-containing material and lead-based paint as noted in the Asbestos and Lead Survey Sub-Stations 1&2 (ATC, December 2020) attached as Appendix K.
- Replace existing Motor Control Centers (MCC) located in the mezzanine area of Oxygen Production Facility 1.
- Connect Substations 1/2 controllers (GE RX3i programmable logic controllers) to the nearest RTU for incorporation into SCADA.
- Furnish and install air conditioning in the electrical room and transformer vaults.

3. New Electrical Distribution Building 3 (EDB3)

- Construct the superstructure and foundation including:
- Air Compressor Room
- Generator Room
- Day Tank Rooms
- Lubricant Waste Oil Storage Room
- Air Tank Area

- Fuel Transfer Pump/DEF transfer Pump Room
 - Control Room
 - Break room
 - Transformer Rooms
 - Switchgear Room
 - Bathrooms/Locker Rooms
 - A/C Mechanical Room
 - Diesel Workshop Area
 - Engineering and Document Storage Room
 - Bunk-bed Area Room
 - Furnish and install air conditioning for the EDB3 building
 - Furnish and install plumbing including sanitary and potable water distribution with hot water to plumbing fixtures and emergency eyewash/showers, including condensate drainage collection and reclamation for makeup water for cooling towers.
 - Furnish and install fire protection, including sprinklers, fire alarm panels and signaling interconnected with existing plant-wide fire alarm system.
 - Install new RTU for EDB3.
 - Interconnection of RTU with existing SCADA network.
 - Interconnection of SWGR package PLCs to new RTU for data transmission to the SCADA network.
 - Connect EDB3 sanitary sewer and potable water to site utilities and services.
 - Furnish and install paving, grading and drainage for new EDB3 building and the new fuel transfer facility as per drawings and specifications.
4. Diesel Emissions Fluid (DEF) Facilities
- Furnish and install two exterior DEF storage tanks to be located at the northwest side of the EDB3 building, including platforms, railing, piping, lighting, trenches, instruments, panels, and ancillary equipment.
5. Fuel Facility
- Furnish and install one Fuel Storage Tank Facility located at the northwest side of the building. This facility includes six (6) elevated storage tanks located on a concrete slab, platforms, railing, piping, lighting, trenches, instruments, panels, and ancillary equipment.
6. Florida Power and Light (FPL) Switches and Meter Platform
- Coordinate with FPL to install two new dedicated feeders from existing FPL substation at the South District Wastewater Treatment Plant (SDWWTP).
 - Construct FPL meter platform located at the northeast side of the building to provide access to FPL switches for maintenance.
 - Furnish and install duct banks, transformer pad, and metering section per FPL requirements.

7. Electrical Distribution Equipment

- Furnish and install Arc Resistant 15kV, main-tie-tie-main service entrance switchgear.
- Furnish and install Arc Resistant 5kV, main-tie-tie-main engine-generator switchgear.
- Furnish and install 5kV – 15kV step-up transformers for generator power distribution to plant switchgear.
- Furnish and install 15kV – 480V step-down transformers for building service loads.
- Furnish and install Arc Resistant 480V switchgear, switchboards, motor control centers as indicated in drawings and specifications. Building loads including lighting, HVAC, water heating, filtration, ventilation, fire alarm, and receptacle loads will be 480V with step-down transformers for 120V.

8. Standby Engine-Generators

- Install eleven (11) 13.2 kV Engine-Generators with exhaust silencer and provisions for a future twelfth 13.2kV Engine-Generator.
- Furnish and install associated process piping.
- Furnish and install Engine-Generator control systems.
- Furnish and install Engine-Generator fuel storage and transfer system.
- Furnish and install diesel exhaust fluid system for the diesel-fueled Tier 4 engine-generators in EDB3 only.
- Furnish and install service air throughout the building for engine air starting and pneumatic tool usage.

9. Building Services

- Furnish and install Lighting/Convenience Receptacles.
- Furnish and install Fire Protection/Suppression System (including foam system for the day tanks).
- Furnish and install Lightning Protection
- Furnish and install Grounding
- Furnish and install electrical provisions for Security system as shown in the drawings.

10. Duct Bank System

- Furnish and install Primary Selective Feeders routed through duct bank system from switchgear to process areas.
- Furnish and install 480V Duct banks.
- Furnish and install Signal Duct banks

It is suspected asbestos may be encountered and abatement may be required as part of this Work. Based on the Asbestos and Lead Survey Sub-Stations 1&2 (ATC, December 2020), no asbestos has been detected in the existing buildings on site. However, all existing electrical equipment must be tested for final determination regarding asbestos. Reference the Appendices of this Specification for a copy of the December 2020 Reports. It is WASD’s

intent to obtain a completely functional and satisfactory installation under this project, and any items of labor, equipment, or materials which may be reasonably assumed as necessary to accomplish this and shall be supplied whether or not, they are specifically shown on the plans or stated in the specifications. The Contractor shall provide all sheeting, shoring, bracing and all other labor, material, or equipment required to preclude damage to, or loss of functionality of, any existing facility or system.

**PROJECT
LOCATION:**

WASD, SDWWTP, 8590 S.W. 232nd Street, Section 21, Township 56,
Range 40, Miami-Dade, Florida 33190.

**PRIMARY
COMMISSION
DISTRICT:**

District 8, Danielle Cohen Higgins

APPROVAL PATH:

Board of County Commissioners
Section 2-8.1 of the Miami-Dade County Code.

**USING
DEPARTMENT:**

WASD

**MANAGING
DEPARTMENT:**

WASD

SBD REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES: (See Exhibit A, attached)

SUBMITTAL DATE: 09/02/2021

SIGNOFF DATE: 09/13/2021

<u>TYPE</u>	<u>GOAL</u>	<u>COMMENT</u>
SBE – Construction	10.16%	The estimated value is the product of the goal percentage multiplied by the sum of the Base Estimate plus the Contingency Allowance Amount.
SBE - Goods and Services	1.34%	The estimated value is the product of the goal percentage multiplied by the sum of the Base Estimate plus the Contingency Allowance Amount.
CWP	10.00%	CWP is applicable to this project.

**MINIMUM
QUALIFICATIONS
EXCEED
REQUIREMENTS:**

In addition to licensing requirements, bidders were required to demonstrate relevant minimum experience by submitting proof with their bid contract experience as required below. PCL fulfilled these qualifications:

**PROJECT TECHNICAL
CERTIFICATION
REQUIREMENTS:**

One of the following licenses are required: State General Contractor, General Engineering Contractor, and/or other category as applicable to Chapter 489 of the Florida Statutes or Chapter 10 of the Miami-Dade County Code.

APPLICABLE WAGES: (RESOLUTION NO. R-54-10):

Yes. Also, Davis-Bacon Wages are applicable.

MANDATORY CLEARING HOUSE: No

FISCAL IMPACT / FUNDING SOURCE: (See Exhibit B, attached)

Future WASD Revenue Bonds
State Revolving Loan Wastewater Program
WASD Revenue Bonds Sold
Wastewater Connection Charges
Water Infrastructure Finance Innovation Act (WIFIA) Program

CAPITAL BUDGET PROJECT NO. & DESCRIPTION:

2000000580 PEAK FLOW MANAGEMENT-SOUTH DISTRICT EXPANSION
Book Page: 82, Volume 3, Adopted Budget and
Multi-Year Capital Plan for FY 2020-21

REQUEST TO ADVERTISE ESTIMATE:

\$121,555,592.45

<u>CAPITAL BUDGET PROJECTS TOTAL:</u>	\$121,555,592.45
<u>OPERATIONS COST IMPACT/FUNDING:</u>	\$3,00,000 per year. The funding source for the operating impact is WASD Operating Revenues.
<u>MAINTENANCE COST IMPACT/FUNDING:</u>	\$2,000,000 per year. The funding sources for the operating impact is WASD Operating Revenues.
<u>LIFE EXPECTANCY OF ASSET:</u>	50 years
<u>PTP FUNDING:</u>	No
<u>GOB FUNDING:</u>	Yes
<u>ARRA FUNDING:</u>	No
<u>TOTAL CONTRACT PERIOD</u>	1,309 Calendar Days to Substantial Completion 1,365 Calendar Days to Final Completion
<u>CONTINGENCY PERIOD</u>	137 Calendar Days
<u>IG FEE INCLUDED IN BASE CONTRACT</u>	Yes
<u>ART IN PUBLIC PLACES</u>	No
<u>BIDDER’S BASE ESTIMATE</u>	\$123,710,000.00

CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):

Type	<u>AMOUNT</u>	<u>PERCENT</u>
INFRASTRUCTURE	\$12,371,000.00	10%
	<u>AMOUNT</u>	<u>PERCENT</u>
<u>DEDICATED ALLOWANCES:</u>		
For Required Permits and Fees:	\$3,711,300.00	3.00%
For Addressing Comments Received from Permitting Agencies:	\$250,000.00	0.20%
For Removal of Materials Containing Lead Paint or Asbestos:	\$50,000.00	0.04%
For Address Underground Utility Conflicts:	\$200,000.00	0.16%
For Maintenance of Plant Operations:	\$300,000.00	0.28%
For Addressing Geotechnical Foundation Issues:	\$100,000.00	0.08%
For Abandonment of Fuel Storage Facility Observation of Wells	\$100,000.00	0.08%

For the Purchase and Installation of tools, equipment, and furnishings for proper operations of Diesel Workshop:	\$400,000.00	0.32%
Establishes fund for the Purchase of Diesel Fuel:	\$1,000,000.00	0.81%
Establishes fund for Purchase Control Room Furniture, Fixtures:	\$40,000.00	0.03%
<u>TOTAL DEDICATED ALLOWANCES:</u>		\$6,151,300.00
<u>TOTAL CONTRACT:</u>		\$142,232,300.00

SEA LEVEL RISE (Ord. No. 14-79): The impact of sea level rise has been considered as part of the design.

SUSTAINABLE BUILDINGS ORDINANCE: (Ord. No. 07-65)

This project does not qualify for compliance with the Sustainable Buildings Ordinance.

TRACK RECORD / MONITOR/SBD HISTORY OF VIOLATIONS:

Due diligence was conducted by WASD and the Internal Services Department (ISD) in accordance with ISD’s Procurement Guidelines to determine responsibility, including verifying corporate status, performance, 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 PCL’s responsibility. This information is being provided pursuant to Resolution R-187-12.

EXPLANATION:

On February 2, 2022, WASD received and opened 4 bids (See Bid Tabulation, attached as Exhibit “C”) in response to an advertisement for an open competitive solicitation for Contract No. S-930A:

Company Name	Base Bid	Total Bid*
PCL Construction, Inc.	\$123,710,000.00	\$142,232,300.00
Poole & Kent	\$127,600,000.00	\$146,628,000.00
MCM-Dragados JV	\$140,025,500.00	\$160,668,815.00
Kiewit Water Facilities Florida	\$150,981,000.00	\$173,048,530.00

**Total bid includes contingency & dedicated allowances.*

Because contract measures were assigned, the bids were forwarded to ISD’s Division of Small Business Development (SBD) for a Compliance Review. On February 25, 2022, SBD issued the results of its Compliance Review for Certificate of Assurance. The firms were determined to be compliant with the Implementing Order for the Small Business Enterprise (SBE/Cons) program for construction services and (SBE/GS) program for goods and services. A copy of SBD’s Compliance Review is attached hereto as Exhibit “D”.

The Engineer of Record, Black and Veatch, reviewed the apparent low bidder’s submittal and, after an exchange of information to clarify certain issues, determined that PCL satisfied the requirements of the solicitation. (See Exhibit “E”, as attached).

ISD’s Capital Improvements Information System (CIIS) database contains five (5) evaluations for PCL. The dates of the evaluations range from April 14, 2020 to May 1, 2021, with an average overall rating of 3.6 points out of a possible 4 points. (See Exhibit “F”, as attached).

It is recommended that the project be awarded to PCL Construction, Inc., the lowest responsible, responsive bidder, whose base bid of \$123,710,000.00, is approximately, 16% above the Engineer’s base estimate of \$106,859,648.00.

The Contract, Non-Collusion Affidavit, and the Firm’s Responsibility Affidavit (also called “Combined Affidavit”) executed by PCL Construction, Inc., are attached as Exhibit “G”, Exhibit “H” and Exhibit “I”, respectively.

SUBMITTAL DATE: March 10, 2022

ESTIMATED NOTICE TO PROCEED: As soon as possible

PRIME CONTRACTOR: PCL Construction, Inc.

COMPANY PRINCIPAL: Mike McKinney

COMPANY QUALIFIERS: Richard Hewitt

EMAIL ADDRESS: TPalmatier@PCL.com

COMPANY ADDRESS: 1711 W. Green tree Drive, Suite, #201
Tempe, AZ 85284

YEARS IN BUSINESS: 16 years

PREVIOUS EXPERIENCE WITH THE COUNTY IN THE PAST THREE (3) YEARS:

According to the Firm Vendor’s Profile Contract History dated March 3, 2022, (attached as Exhibit “J”) downloaded from the Business Management Workforce System (BMWS), PCL Construction, Inc., has been awarded three (3) construction contracts in the past three (3) years with the County, with a total value of \$91,529,742.00.

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS: Yes

In addition to licensing requirements, bidders were required to demonstrate relevant minimum experience by submitting proof with their bid contract experience as required below:

The Bidder has successfully completed a minimum of three (3) years of experience, under its current business name (which can include the experience of key supervisory of employees that would directly supervisor or manage the project) and have successfully completed at least three (3) comparable projects meeting the following criteria:

The Bidder has successfully completed a minimum of three (3) years of experience, under its current business name (which can include the experience of key supervisory employees that would directly supervisor or manage the project), in the construction of gravity sewers, roadway / horizontal projects of similar scope and scale involving public Right-of-Way construction / installation / repair / replacement of main water distribution systems and/or main sanitary sewer collection systems, and maintenance of vehicular traffic, supported by references for three (3) projects completed within the past ten (10) years, where at least one (1) whole or portion thereof, is within Florida Department of Transportation right-of-way. Submitted reference projects must demonstrate that the bidder served as the prime contractor for the referenced projects provided.

- a. Three (3) projects within the last ten (10) years demonstrating experience in pipeline installations, either gravity sewer or pressure conduits (water mains/force mains), by open trench construction methodology equal to or greater than 15-ft in open trench depth.
- b. At least one (1) project shall be a gravity sewer.
- c. At least one (1) project, whole or portion thereof, shall be within a Florida Department of Transportation right-of-way.

The Bidder must demonstrate that it has full-time personnel with the necessary experience to perform the Project's Scope of Work. This experience shall include work in successfully completed projects performed by the identified personnel whose bulk of work performed in the public right-of-way is similar in detail to the Project's Scope of Work described in these Solicitation Documents. Demonstrate the experience requirement by:

Providing a detailed description of at least three (3) projects similar in detail to the Project's Scope of Work described in these Solicitation Documents and in which the Bidder's identified personnel is currently engaged or has completed within the past ten (10) years. List and describe the aforementioned projects and state whether the work was performed for the County, other government clients, or private entities.

For each project listed, the pipe installation shall have been completed and accepted by the project owner prior to the bid submittal date. Also, the County reserves the right to request additional information and/or contact listed persons pertaining to bidder's experience.

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, the County reserves the right to qualify the firm based on the County'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.

Honorable Chairperson Jose “Pepe” Diaz
and Members, Board of County Commissioners
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CONTRACT MANAGER NAME/PHONE/EMAIL:

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

PROJECT MANAGER NAME/PHONE/EMAIL:

Daniel Lizarazo/ 305-205-0902 / daniel.lizarazo@miamidade.gov

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SIGNATURE PAGE

**Ocean Outfall Legislation (OOL) Program Construction Package
ST-2D-A Electrical Distribution Building 3 South District Wastewater Treatment Plant
Project No.: N/A; Contract No.: S-930A**

Ryan Elliott



David Clodfelter
OMB Director

3/17/2022

Date

Approved as to legal sufficiency:

Angela F. Benjamin

Angela F. Benjamin
Assistant County Attorney

March 16, 2022

Date



Jimmy Morales
Chief Operations Officer

April 22, 2022

Date



Small Business Development Division

Project Worksheet

Project/Contract Title:	ST-2D-A ELECTRICAL DISTRIBUTION BUILDING 3 SOUTH DISTRICT WASTEWATER TREATMENT PLANT	Received Date: 9/2/2021
Project/Contract No:	S-930A	Funding Source: EW 667, Revenue Bonds Sold, WIFIA
Department:	Water & Sewer	
Estimated Cost of Project/Bid:	\$117,355,001.00	
Description of Project/Bid:	In general, the project consists of furnishing all materials, labor, and equipment necessary for the construction of a new Electrical Distribution Building 3 (EDB 3) at the South District Waste water Treatment Plant (SDWWTP) owned by the Miami Dade Water and Sewer Department (WASD) and located at 8950 S.W. 232 nd Street, Miami, FL 33032. Electrical Distribution Building 1 (EDB 1) will be modified as part of this contract to be used as future electrical storage by WASD following the electrical power redistribution of process loads to be done with this work.	

Contract Measures

<u>Measure</u>	<u>Program</u>	<u>Goal Percent</u>
Goal	SBE - Con	10.16%
Goal	SBE - Goods	1.34%
Workforce Goal	CWP	10.00%

Reasons for Recommendation

SMALL BUSINESS ENTERPRISE - CONSTRUCTION (SBE-Con)

SBD reviewed this project pursuant to Implementing Order(s) 3-22 and 3-41 for SBE-Con and SBE-Goods measures. Project information analyzed included the project's scope of services, minimum requirements/qualifications and funding source.

This project is federally funded through WIFIA (Water Infrastructure Finance and Innovation Act).

Davis Bacon Construction Building Responsible Wage Rates applied to this project.

An analysis of the factors contained in Implementing Order 3-22 indicates a 10.16% SBE - Con subcontractor goal is appropriate for this contract for the trades of Site Preparation Contractors (3.26%-Site Preparation/Erosion Control/Dewatering), Highway, Street, and Bridge Construction (0.78%-Paving), Glass and Glazing Contractors (0.08%-Doors & Windows), Commercial and Institutional Building Construction (0.02%-Acoustical Ceilings, 0.01%-Rough Carpentry), Painting and Wall Covering Contractors (0.48%-Plaster and Gypsum Board, 0.82%-Epoxy Floor Finishes, 0.53%-Paints and Coating, 0.06%-High Performance Coating), Water and Sewer Line and Related Structures Construction (1.23%-Yard Piping/Water and Sewer Line), Electrical Contractors and Other Wiring Installation Contractors (1.56%-Electrical/Low Voltage), Roofing Contractors (0.32%-Membrane Roofing), and Plumbing, Heating, and Air-Conditioning Contractors (1.01%-Fire Sprinkler System).

SMALL BUSINESS ENTERPRISE - GOODS (SBE-Goods)

An analysis of the factors contained in Implementing Order 3-41 indicates a 1.34% (SBE - Goods) Subcontractor Goal is appropriate for this contract in the commodity of Construction Materials (1.34%) (15010).

The SBE - Con & SBE - Goods Subcontractor Goals can be met by First Tier (Prime Contractors), Second Tier (Subcontractors) and Third Tier (Subcontractors) certified, SBE - Con and Goods firms.

NAICS 236220 Commercial and Institutional Building Construction, NAICS 237990 Other Heavy and Civil Engineering Construction, NAICS 238320 Painting and Wall Covering Contractors, NAICS 238330 Flooring Contractors, NAICS 238990 All Other Specialty Trade Contractors, NAICS 238210 Electrical Contractors and Other Wiring Installation Contractors, NAICS 238150 Glass and Glazing Contractors, NAICS 237110 Water and Sewer Line and Related Structures Construction, NAICS 238910 Site Preparation Contractors, NAICS 237310 Highway, Street, and Bridge Construction, NAICS 238220 Plumbing, Heating, and Air-Conditioning Contractors, NAICS 238160 Roofing Contractors, NIGP 15010 Construction Materials.

Subtrade

Category

Site Preparation Contractors	SBE-Con
Highway, Street, and Bridge Construction	SBE-Con
Glass and Glazing Contractors	SBE-Con
Commercial and Institutional Building Construction	SBE-Con
Painting and Wall Covering Contractors	SBE-Con
Water and Sewer Line and Related Structures Construction	SBE-Con
Electrical Contractors and Other Wiring Installation Contractors	SBE-Con
Roofing Contractors	SBE-Con
Plumbing, Heating, and Air-Conditioning Contractors	SBE-Con
Construction Materials	SBE-Goods

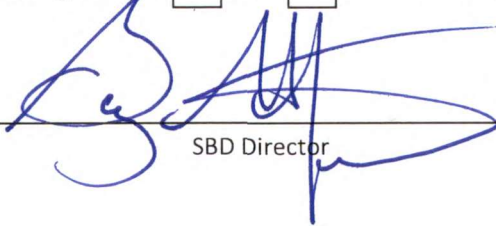
Living Wages: YES ☐ NO ☒

Highway: YES ☐ NO ☒

Heavy Construction: YES ☐ NO ☒

Responsible Wages: YES ☐ NO ☒

Building: YES ☐ NO ☒


SBD Director

9-13-21
Date

FY 2020 - 21 Adopted Budget and Multi-Year Capital Plan

PEAK FLOW MANAGEMENT - SOUTH DISTRICT EXPANSION

PROJECT #: 2000000580

DESCRIPTION: Redirect flows to regional plants and account for peak flows through 2035

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Countywide

REVENUE SCHEDULE:	PRIOR	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	FUTURE	TOTAL
Future WASD Revenue Bonds	0	7,649	1,127	1,873	0	22,834	43,500	101,217	178,200
State Revolving Loan Wastewater Program	10,000	0	0	0	0	0	0	0	10,000
WASD Revenue Bonds Sold	18,274	0	0	0	0	0	0	0	18,274
Wastewater Connection Charges	55,148	15,946	31,472	23,985	7,000	5,000	7,000	0	145,551
Wastewater Special Construction	1	0	0	0	0	0	0	0	1
Fund									
WIFIA Loan	299,183	0	0	0	0	0	0	0	299,183
TOTAL REVENUES:	382,606	23,595	32,599	25,858	7,000	27,834	50,500	101,217	651,209
EXPENDITURE SCHEDULE:	PRIOR	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	FUTURE	TOTAL
Construction	95,147	35,675	62,984	77,119	75,559	81,700	88,152	121,875	638,211
Planning and Design	1,915	769	1,285	1,574	1,542	1,668	1,758	2,487	12,998
TOTAL EXPENDITURES:	97,062	36,444	64,269	78,693	77,101	83,368	89,910	124,362	651,209

PUMP STATIONS - GENERATORS AND MISCELLANEOUS UPGRADES

PROJECT #: 9652002

DESCRIPTION: Install emergency generators and construct miscellaneous upgrades at various wastewater pump stations

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	FUTURE	TOTAL
Future WASD Revenue Bonds	0	3,080	3,456	4,802	5,600	5,046	2,850	300	25,134
WASD Revenue Bonds Sold	2,346	0	0	0	0	0	0	0	2,346
TOTAL REVENUES:	2,346	3,080	3,456	4,802	5,600	5,046	2,850	300	27,480
EXPENDITURE SCHEDULE:	PRIOR	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	FUTURE	TOTAL
Construction	2,346	3,080	3,456	4,802	5,600	5,046	2,850	300	27,480
TOTAL EXPENDITURES:	2,346	3,080	3,456	4,802	5,600	5,046	2,850	300	27,480

PUMP STATIONS - IMPROVEMENT PROGRAM

PROJECT #: 9651071

DESCRIPTION: Upgrade pump stations systemwide to meet departmental forecasted demands

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	FUTURE	TOTAL
Future WASD Revenue Bonds	0	8,387	5,863	569	0	0	0	29,807	44,626
WASD Revenue Bonds Sold	103,504	0	0	0	0	0	0	0	103,504
Wastewater Connection Charges	5,168	2,500	0	0	0	0	0	0	7,668
TOTAL REVENUES:	108,672	10,887	5,863	569	0	0	0	29,807	155,798
EXPENDITURE SCHEDULE:	PRIOR	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	FUTURE	TOTAL
Construction	89,739	11,886	4,984	484	0	0	0	25,336	132,429
Planning and Design	15,837	2,097	879	85	0	0	0	4,471	23,369
TOTAL EXPENDITURES:	105,576	13,983	5,863	569	0	0	0	29,807	155,798

NAICS 236220 Commercial and Institutional Building Construction, NAICS 237990 Other Heavy and Civil Engineering Construction, NAICS 238320 Painting and Wall Covering Contractors, NAICS 238330 Flooring Contractors, NAICS 238990 All Other Specialty Trade Contractors, NAICS 238210 Electrical Contractors and Other Wiring Installation Contractors, NAICS 238150 Glass and Glazing Contractors, NAICS 237110 Water and Sewer Line and Related Structures Construction, NAICS 238910 Site Preparation Contractors, NAICS 237310 Highway, Street, and Bridge Construction, NAICS 238220 Plumbing, Heating, and Air-Conditioning Contractors, NAICS 238160 Roofing Contractors, NIGP 15010 Construction Materials.

Subtrade

Site Preparation Contractors
 Highway, Street, and Bridge Construction
 Glass and Glazing Contractors
 Commercial and Institutional Building Construction
 Painting and Wall Covering Contractors
 Water and Sewer Line and Related Structures Construction
 Electrical Contractors and Other Wiring Installation Contractors
 Roofing Contractors
 Plumbing, Heating, and Air-Conditioning Contractors
 Construction Materials

Category

SBE-Con
 SBE-Con
 SBE-Con
 SBE-Con
 SBE-Con
 SBE-Con
 SBE-Con
 SBE-Con
 SBE-Con
 SBE-Goods

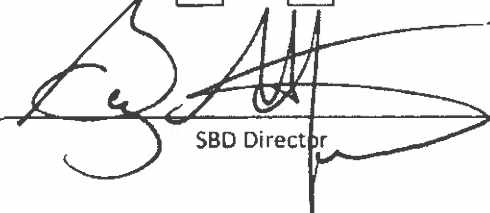
Living Wages: YES ☐ NO ☒

Highway: YES ☐ NO ☒

Heavy Construction: YES ☐ NO ☒

Responsible Wages: YES ☐ NO ☒

Building: YES ☐ NO ☒


 SBD Director

9-13-21
 Date

ANALYSIS FOR RECOMMENDATION
Contract No. S-930A - OOL ST-2D-A

ITEM	ITEM DESCRIPTION	AMOUNT	
1	General Conditions	\$ 10,278,869.00	
2	Mobilization & Demobilization	\$ 12,038,606.00	
3	General Site Conditions		
4	Site Preparation	\$ 323,048.00	
5	Earthwork	\$ 2,477,275.00	
6	Site Improvements and Amenities	\$ 1,612,246.00	
7	Yard Piping		
8	Yard Piping	\$ 1,798,026.00	
9	Drainage and Containment	\$ 1,029,461.00	
10	Site Electrical		
11	Electrical Duct Banks	\$ 5,867,933.00	
12	Site Prep, Bldg Grounding & Lightning Prot.	\$ 2,136,055.00	
13	Electrical Wiring Methods	\$ 9,416,282.00	
14	Cogeneration Building Modifications	\$ 2,542,588.00	
15	Electrical Distribution Building 1	\$ 2,199,532.00	
16	Electrical Substation 1 & 2 (Mods & New)	\$ 5,034,740.00	
17	New Electrical Distribution Bldg 3 (Main Swgr Bldg 3)		
18	Division 2 - Specialties & Auger Cast Piling	\$ 1,879,828.00	
19	Division 3 - Specialties	\$ 8,806,285.00	
20	Division 4 - Specialties	\$ 1,490,809.00	
21	Division 5 - Specialties	\$ 729,021.00	
22	Division 6 - Specialties	\$ 10,452.00	
23	Division 7 - Specialties	\$ 676,144.00	
24	Division 8- Specialties	\$ 503,318.00	
25	Division 9 - Specialties	\$ 1,443,842.00	
26	Division 10 - Specialties	\$ 616,108.00	
27	Division 11 - Specialties	\$ 490,828.00	
28	Division 12 - Specialties	\$ 5,635.00	
29	Division 13 - Specialties	\$ 2,498,376.00	
30	Division 14 - Specialties	\$ 395,839.00	
31	Division 15 - Mechanical Specialties	\$ 2,858,646.00	
32	Division 15 - HVAC Equipment & Specialties	\$ 1,427,179.00	
33	Division 16 - General Conditions	\$ 1,979,663.00	
34	Division 16 - Wiring, Grounding & Lightning Prot	\$ 3,161,209.00	
35	Division 16 - Electrical Power	\$ 12,200,408.00	
36	Division 16 - Lighting	\$ 455,753.00	
37	Division 17 - Instrumentation & Control	\$ 2,197,232.00	
38	Fuel Storage Tank Area 3		
39	Division 2 - Specialties & Auger Cast Piling	\$ 1,072,544.00	
40	Division 3 - Specialties	\$ 336,574.00	
41	Division 5 - Specialties	\$ 663,293.00	
42	Division 11 - Specialties	\$ 193,564.00	
43	Division 13 - Specialties	\$ 1,829,540.00	

44		Division 15 - Specialties	\$ 340,241.00	
45		Division 16- Specialties	\$ 151,074.00	
46		Division 17 - Specialties	\$ 188,655.00	
47	Fuel Transfer Pump Room 3			
48		Division 11 - Specialties	\$ 148,663.00	
49		Division 15 - Specialties	\$ 965,827.00	
50		Division 16- Specialties	\$ 66,526.00	
51		Division 17 - Specialties	\$ 148,628.00	
52	Construction Subtotal		\$ 106,686,365.00	
53	Contingency Allowance (10%)		\$ 10,668,636.50	
54	Dedicated Allowances			
55		For Required Permits	\$ 3,200,590.95	
56		For Addressing Comments From Permitting Agencies:	\$ 250,000.00	
57		For Underground Utility Conflicts	\$ 200,000.00	
58		For Geotechnical/Foundation Issues	\$ 100,000.00	
59		Associated Expenses For Maintenance Of Plant Operations	\$ 300,000.00	
60		For Lead Paint And Asbestos Abatement	\$ 50,000.00	
61		For Abandonment Of Fuel Storage Facility Observation Wells	\$ 100,000.00	
62	Total Dedicated Allowances		\$ 4,200,590.95	
63	Project Total		\$ 121,555,592.45	

Bid Due Date		2-Feb-22				
PCTS #		18-Jun-41				
ER #		S049651				
Project Duration		1365 Days				
Engineer Base Estimate		\$123,191,402.00				
Item	Description	Engineers OPCC (9/16/21)	PCL Construction, Inc.	Kiewit Water Facilities Florida	MCM - Dragados JV	Poole & Kent
1	Mobilization – For performing preparatory work including setting up temporary facilities, preparing long lead item shop drawing submittals, the baseline schedule, the schedule of values, and the mobilization and demobilization to the Project site of the CONTRACTOR's construction equipment, supplies, materials, personnel, safety equipment and first aid supplies, etc.; including the costs of bonds, required insurance, and other preconstruction expenses; excluding the actual cost of permits, which are paid under a separate dedicated allowance; excluding the costs of materials which are paid under other bid items, for the aggregate sum of		\$6,000,000.00	\$7,250,000.00	\$7,000,000.00	\$6,000,000.00
2.1	Projectwide Civil – For providing all general site civil work as a result of the projectwide duct bank installation inclusive of labor, equipment, and materials required for clearing and grubbing, dewatering, grading, potholing and relocation of existing conflicting utilities, restoration, milling and overlay of existing asphalt roadways, yard piping for potable water lines, sanitary sewer lines, and storm drain piping and structures, driveways, asphalt pavement, sidewalks, landscaping, sodding, etc., for the aggregate sum of		\$2,000,000.00	\$4,636,000.00	\$5,000,000.00	\$2,000,000.00
2.2	Projectwide Duct Banks – For providing all duct bank work, inclusive of labor, equipment, and materials required for construction of all duct banks detailed under this Contract in accordance with the requirements indicated on the Plans and as specified in this Bid Package. This will include but will not be limited to duct banks, manholes, conduits, including all related site works, for the aggregate sum of		\$13,000,000.00	\$18,000,000.00	\$10,000,000.00	\$9,000,000.00
2.3	Projectwide Duct Bank Cabling – For furnishing and installing all electrical and signal cables and accessories at the location indicated on the Plans and performing all required testing, as specified for the aggregate sum of		\$16,000,000.00	\$18,500,000.00	\$13,000,000.00	\$13,000,000.00
2.4	Sludge Drying Beds – For modification of existing sludge drying beds, inclusive of labor, equipment, and materials, site preparation, excavation and disposal of unsuitable backfill materials and site utilities and services. This includes but is not limited to the construction of a retaining wall around the EDB3 project area and final restoration after completion of the construction part of the disturbed area used for construction staging/ layout as specified for the aggregate sum of		\$20,000.00	\$1,577,000.00	\$3,700,000.00	\$5,000,000.00
3.1	EDB1 Equipment – For modifications and demolition of EDB1 equipment including demolition of existing switchgear, transformers, MCCs and ATSS; furnishing, installing, and testing of all new equipment including but not limited to all architectural features and components; new electrical work; all instrumentation & control work, and other components. This item also includes any equipment, labor, and appurtenances related to modifications not covered by other Bid Items, for the aggregate sum of		\$300,000.00	\$240,000.00	\$370,000.00	\$300,000.00
3.2	EDB1 Generators – For demolishing EDB1 generators; salvaging radiators; salvaging four (4) fuel tanks and related instrumentation; demolishing fuel storage tanks, Truck Filling Station, and Fuel Transfer Pump Room with all corresponding equipment, piping, concrete pads/slabs, platforms; for demolition of underground fuel piping; and for site preparation, excavation and disposal of unsuitable backfill materials. This item also includes any equipment, labor, and appurtenances related to modifications not covered by other Bid Items, for the aggregate sum of		\$700,000.00	\$165,000.00	\$255,000.00	\$500,000.00

Item	Description	Engineers OPCC (9/16/21)	PCL Construction, Inc.	Kiewit Water Facilities Florida	MCM - Dragados JV	Poole & Kent
3.3	EDB1 Electrical Feeder Demolition – For providing all electrical work at EDB 1 related to the removal of feeders between EDB1 and other structures, inclusive of labor, equipment, materials, and testing at the location indicated on the Plans, as specified for removing and disposing of the temporary primary 13.2 KV power provisions that feed from EDB1 to the new Substation 5/6 and new Substations 15/16 primary switchgear and for removing and disposing of the existing 480V feeders from the old Substation 5/6 Switchgear in EDB1 to Oxygenation Trains 1 4, Headworks, and the Filtrate Pump Station, for the aggregate sum of		\$3,000,000.00	\$265,000.00	\$500,000.00	\$600,000.00
4.1	EDB3 – Building – Civil – For construction of the new electrical building EDB3, inclusive of labor, equipment, and materials required for site preparation, excavation and disposal of unsuitable backfill materials; site utilities and services; paving, grading and fill around the new building. This will include all the related site/civil work to the DEF (Diesel Exhaust Fluid) tanks, for the aggregate sum,		\$2,000,000.00	\$2,350,000.00	\$500,000.00	\$7,000,000.00
4.2	EDB3 – Building – Architectural and Structural – For providing all structural and architectural work, inclusive of labor, equipment, and materials required for construction of all structures and the structural details under this Contract in accordance with the requirements indicated on the Plans and as specified in this Bid Package. Construction of the new electrical EDB3 building, building superstructure, concrete pads, pipe supports, concrete slabs, and foundations along with its ancillary structures, including architectural features, finishes, schedules, locker room, equipment rooms, break room, mechanical rooms, control room and all other rooms included into the building design. This will include all the related architectural and structural work to the DEF (Diesel Exhaust Fluid), for the aggregate sum,	See roll-up below:	\$27,000,000.00	\$28,850,000.00	\$27,500,000.00	\$40,600,000.00
4.3	EDB3 – Building – Building Mechanical – For furnishing and installing of the HVAC system inclusive of labor, equipment, materials, and testing including but not limited to propeller, wall fan, louver all necessary plumbing systems, including sanitary and water distribution, including hot water, to plumbing fixtures, drainage piping, fire protection, sprinklers, compressed air and any needed emergency eyewash/ showers, all piping to support the process equipment for fuel storage and transfer, and equipment cooling and fueling, for the aggregate sum,		\$15,000,000.00	\$23,630,000.00	\$17,000,000.00	\$14,000,000.00
4.4	EDB3 – Building – Instrumentation and Control – For furnishing and installing of all instrumentation work, inclusive of labor, equipment, and materials, required to fully operate and test all newly installed equipment under this Contract in accordance with the requirements indicated on the Plans and as specified in this Bid Package. This package will include, but is not limited to receiving, inspecting, handling, storing, and installing RTUs, interconnection to the SCADA network from Switchgears to PLCs to the new RTUs, for the aggregate sum,		\$500,000.00	\$850,000.00	\$770,000.00	\$700,000.00
4.5	EDB3 – Building – Electrical – For providing all electrical work, inclusive of labor, equipment, materials and testing, at the location indicated on the Plans, as specified, including but not limited to transformers, FPL meters, arc resistant switchgears, step up and step-down transformers, switchgears, motors controls centers, lighting and fire alarm, grounding, lightening protection and all the electrical elements as indicated in the drawings and specifications, for the aggregate sum,		\$23,000,000.00	\$33,190,000.00	\$41,200,500.00	\$19,000,000.00
4.6	EDB3 – Fuel Transfer Facility and FPL Metering Platform – Civil – For construction of a new fuel transfer facility area, inclusive of labor, equipment, materials, and testing, site preparation, excavation and disposal of unsuitable backfill materials, site utilities and services, paving and grading around the new fuel transfer facility and FPL Metering Platform, for the aggregate sum,		\$40,000.00	\$388,000.00	\$1,000,000.00	\$1,000,000.00

Item	Description	Engineers OPCC (9/16/21)	PCL Construction, Inc.	Kiewit Water Facilities Florida	MCM - Dragados JV	Poole & Kent
4.7	EDB3 – Fuel Transfer Facility and FPL Metering Platform – Structural – For providing all structural work for the fuel transfer facility and the FPL metering platform, inclusive of labor, equipment, materials, and testing required for construction of all structures and the structural details under this Contract in accordance with the requirements indicated on the Plans and as specified in this Bid Package. This item will include a new platform for new EDB3 FPL meters, EDB3 Fuel transfer facility will include but is not limited to ground slab, manholes, trenches, tanks support and all ancillary structures, for the aggregate sum.		\$2,000,000.00	\$1,075,000.00	\$2,000,000.00	\$1,000,000.00
4.8	EDB3 – Fuel Transfer Tanks – For furnishing and installing six (6) fuel transfer tanks, including all labor, material, equipment and testing. The tanks will include, but are not limited to, tanks, internal platforms, panels, instruments and other required ancillary equipment, for the aggregate sum,		\$4,000,000.00	\$4,510,000.00	\$4,580,000.00	\$3,000,000.00
4.9	EDB3 – DEF (Diesel Exhaust Fluid) Tanks – For furnishing and installing two (2) Diesel Exhaust Fluid tanks including all labor, material, equipment and testing. The tanks will include, but are not limited to, tanks, panels, instruments and other required ancillary equipment, for the aggregate sum,		\$800,000.00	\$735,000.00	\$800,000.00	\$800,000.00
4.10	EDB3 – Generators and Ancillary Equipment – For receiving, inspecting, handling, storing, installing and testing eleven (11) generators and all ancillary equipment provided with the generators including, but is not limited to, all labor and equipment testing, wall mounted radiators, exhaust ducts, local control panels and instruments, for the aggregate sum,		\$5,200,000.00	\$3,220,000.00	\$150,000.00	\$600,000.00
5.1	Substations 1/2 – For modifying the existing Oxygen Production Facility 1 inclusive of labor, equipment, and materials. This will include but is not limited to adding an enclosed space for the new 13.2 KV-480V transformer 1 and 2. Furnishing and installing of all electrical work, new arch-resistant switchgear fed from transformers 1 and 2. This item will include demolition of equipment of existing substation. This will include furnishing and installing all structural and architectural features and components; all building mechanical work, all plumbing piping and fixtures; all electrical work; all Instrumentation & Control work, and other components; receiving, inspecting, handling, storing and installing RTU and auxiliary panels, the aggregate sum of		\$3,100,000.00	\$1,350,000.00	\$2,600,000.00	\$3,000,000.00
5.2	Substations 1/2 Mezzanine Area – For furnishing and installing MCCs to replace the existing MCCs located in the mezzanine area of the Oxygenation Production Facility 1. This item is inclusive of labor, equipment, and materials. Equipment will be located as specified in the bid package drawings, for the aggregate sum,		\$50,000.00	\$200,000.00	\$2,100,000.00	\$500,000.00
6	SUBTOTAL - CONSTRUCTION COST (Sum of Items No. 1 through 5)	\$106,859,648.00	\$123,710,000.00	\$150,981,000.00	\$140,025,500.00	\$127,600,000.00
7	For unforeseeable conditions, minor construction changes and quantity adjustments, additional work not covered by other items, if ordered by the Engineer, 10.0% of Item No. 6, (0.10 x Item No. 6).	\$10,685,965.00	\$12,371,000.00	\$15,098,100.00	\$14,002,550.00	\$12,760,000.00
8	This item establishes a fund for reimbursement of the cost of required construction permits, fees, inspections, and/or impact fees, if authorized by the Engineer, 3.0% of Item No. 6, (0.03 x Item No. 6). Payment shall reimburse the CONTRACTOR for only the cost of the construction permits or fees. Any question of whether construction permits or fees are required shall be decided by the Engineer whose word shall be final. Any portion of this fund remaining after all authorized payments have been made will be withheld from contract payments and will remain with the COUNTY.	\$3,205,789.00	\$3,711,300.00	\$4,529,430.00	\$4,200,765.00	\$3,828,000.00
9	This item establishes a fund for completing work exclusively related to addressing comments received from Permitting Agencies with jurisdiction over this Project, which were received after the Bid Documents were issued, if authorized by the ENGINEER, for the duration of the project, the aggregate sum of	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00

Item	Description	Engineers OPCC (9/16/21)	PCL Construction, Inc.	Kiewit Water Facilities Florida	MCM - Dragados JV	Poole & Kent
10	This item establishes a fund for the demolition, handling, and removal of materials containing lead paint or asbestos encountered during construction in any existing structure or existing field item within the boundaries of the WORK, if authorized by the ENGINEER, for the duration of the project, the aggregate sum of	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
11	This item establishes a fund for completing work exclusively related to addressing underground utility conflicts, that were unknown at the time when the Bid Documents were issued, if authorized by the ENGINEER, for the duration of the project, the aggregate sum of	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
12	This item establishes a fund for completing work exclusively related to Maintenance of Plant Operation, if authorized by the ENGINEER, for the duration of the project, the aggregate sum of	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00
13	This item establishes a fund for completing work exclusively related to addressing geotechnical/foundation issues that were unknown at the time when the Bid Documents were issued, if authorized by the ENGINEER, for the duration of the project, the aggregate sum of	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
14	For the demolition and/or abandonment of groundwater monitoring wells associated with the EDB-1 fuel storage and transfer facility in accordance with all applicable Federal, State and Local codes and regulations. Five (5) wells have been visually located but more may be uncovered during construction. To be coordinated with WASD ECS. Typical groundwater monitoring well construction is 4" diameter PVC and approximately 20 ft deep, the aggregate sum of	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
15	For the purchase and installation of the tools, equipment, and furnishings required for the proper operation of the diesel workshop. Final list of tools, equipment, and furnishings to be coordinated with WASD Plant Operations Staff. Typical equipment includes drill press, bench grinder, lathe, plasma cutter, wire feed welder, tig welder, radial arm drill press, vertical bandsaw, shear brake & roll, welding cylinder cart, torch kit, hand-operated press, fabrication table, industrial work bench, 6-drawer mobile toolbox, industrial cabinet, and telescoping forklift, the aggregate sum of	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00
16	This item establishes a fund for the purchase of diesel fuel and lube oil required for startup, testing, and turnover, if authorized by the ENGINEER, for the duration of the project, the aggregate sum of	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00
17	This item establishes a fund for the purchase of control room furniture, fixtures, and equipment as indicated in the contract documents and including, but not limited to, the following: - 2 Evans Identity Console Desks, 72 in long ID-SH-RD-ENCL-72 - 2 Chairs - Equipment support shelves for desktop computers ID-DT-FDS - Cable Grommets for the internal cable plenum and Power Bar (PN-NA-6-6)	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
18	TOTAL ALLOWANCES - (Sum of Bid Item Nos. 8 through 17), the aggregate sum of	\$5,645,789.00	\$6,151,300.00	\$6,969,430.00	\$6,640,765.00	\$6,268,000.00
19	TOTAL BID (Sum of Items No. 6, 7, and 18)	\$123,191,402.00	\$142,232,300.00	\$173,048,530.00	\$160,668,815.00	\$146,628,000.00
	Percentage above Engineer's Estimate		15%	40%	30%	19%

Memorandum



DATE: February 25, 2022

TO: Paul Adams, Manager
Construction Contracts
Water & Sewer Department

FROM: Gary Hartfield, Division Director
Internal Services Department
Small Business Development 

SUBJECT: Compliance Review
Project No. S-930A
St-2D-A Electrical Distribution Building 3 South District Wastewater Treatment Plant

Small Business Development (SBD), a Division of the Internal Services Department, has completed its review of the subject project for compliance with the Small Business Enterprise Construction (SBE-Con) and SBE-Goods & Services (SBE-G & S) programs. The contract measures established for this project are a 10.16% SBE-Construction and 1.34% SBE-Goods & Services subcontractor goals.

The Miami-Dade Water and Sewer Department has submitted contract documents that included the Certificate of Assurance for the firms listed below acknowledging the project's SBE measures. All referenced firms also submitted their Utilization Plan (UP) identifying the SBE subcontractors to fulfill the goals via the Business Management Workforce System (BMWS) and the following is their pre-award compliance status and summary.

FIRM:**STATUS:**

- | | |
|------------------------------------|-----------|
| 1. MCM-Dragados JV | Compliant |
| 2. PCL Construction, Inc. | Compliant |
| 3. Poole & Kent Company of Florida | Compliant |

SUMMARY:

MCM-Dragados JV (#1), a non-certified, SBE-Con firm, committed to utilize H & R Construction Group, Inc., a certified, SBE-Con firm to perform concrete shell work at 10.16% in satisfaction of the 10.16% SBE-Con subcontractor goal. The Utilization Plan submitted by MCM-Dragados JV and confirmed by the subcontractor was approved pursuant to the firm's commitment to achieve the 10.16% SBE-Con goal.

MCM-Dragados JV also committed to utilize A & B Pipe and Supply, Inc./Global Distribution Industries, Inc., a certified SBE-G & S firm, to supply pipe, NIGP 65900, Pipe and Tubing Fittings at 1.34% in satisfaction of the 1.34% SBE-G & S subcontractor goal. The Utilization Plan submitted by MCM-Dragados JV and confirmed by the subcontractor was approved pursuant to the firm's commitment to achieve the 1.34% SBE-G&S goal.

MCM-Dragados JV is in compliance with the 10.16% SBE-Con and 1.34% SBE-G&S subcontractor goals established for this contract. MCM-Dragados JV is deemed compliant with Implementing Orders 3-22 and 3-41 governing the SBE-Con and SBE-G & S programs respectively.

PCL Construction, Inc., a non-certified SBE-Con firm, committed to utilize the following certified, SBE-Con firms: Mars Contractors, Inc., to perform plumbing work at 0.69%; Smith Building, Inc. to perform site prep, CIP concrete and masonry work at 5.00% and Sunshine State Air Conditioning, Inc. to perform HVAC work at 4.85% in satisfaction of the 10.16% SBE-Con subcontractor goal. The Utilization Plan submitted by PCL Construction, Inc. and confirmed by each subcontractor was approved pursuant to the firm's commitment to achieve the 10.16% SBE-Con goal.

PCL Construction, Inc. also committed to utilize A & B Pipe and Supply, Inc./Global Distribution Industries, Inc., a certified SBE-G & S firm to supply pipe, valves, fittings, W.E., accessories and goods at 1.35% in satisfaction of the 1.34% SBE-G & S subcontractor goal. The Utilization Plan submitted by PCL Construction, Inc. and confirmed by the subcontractor was approved pursuant to the firm's commitment to achieve the 1.34% SBE-G&S goal.

PCL Construction, Inc. is in compliance with the 10.16% SBE-Con and 1.34% SBE-G&S subcontractor goals established for this contract. PCL Construction, Inc. is deemed compliant with Implementing Orders 3-22 and 3-41 governing the SBE-Con and SBE-G & S programs respectively.

Poole & Kent Company of Florida (#3), a non-certified, SBE-Con firm, committed to utilize the following certified, SBE-Con firms: Eli's Mechanical Corp. to perform HVAC work at 3.41% and H & R Construction Group, Inc. to perform concrete work at 6.75% in satisfaction of the 10.16% SBE-Con subcontractor goal. The Utilization Plan submitted by Poole & Kent Company of Florida and confirmed by each subcontractor was approved pursuant to the firm's commitment to achieve the 10.16% SBE-Con goal. Poole & Kent Company of Florida is utilizing Eli's Mechanical Corp. at 0.51% for a total SBE-Con goal of 10.67% to fulfill a portion of an SBE-Con Goal Deficit Make-Up requirement as listed on the February 24, 2022 Compliance Report of Open and Small Business Wage and/or Workforce Violations in the last three (3) years.

Poole & Kent Company of Florida also committed to utilize A & B Pipe and Supply, Inc./Global Distribution Industries, Inc., a certified, SBE-G & S firm to provide NIPG 658, Pipe, Tubing, And Accessories (Not Fittings) and NIP 659, Pipe and Tubing Fittings at 1.34% in satisfaction of the 1.34% SBE-G & S subcontractor goal. The Utilization Plan submitted by Poole & Kent Company of Florida and confirmed by each subcontractor was approved pursuant to the firm's commitment to achieve the 1.34% SBE-G&S goal.

Poole & Kent Company of Florida is in compliance with the 10.16% SBE-Con and 1.34% SBE-G&S subcontractor goals established for this contract. Poole & Kent Company of Florida also complied with pending goal deficit and deemed compliant with Implementing Orders 3-22 and 3-41 governing the SBE-Con and SBE-Goods programs.

Please be reminded that SBD staff reviewed and addressed compliance with the SBE-Con, SBE-G&S measures. The Contract and Specifications Section of the Miami-Dade Water and Sewer Department is responsible for any other issues that may exist. Should you have any questions or need any additional information, please do not hesitate to call Caesar E. Suarez, SBD Capital Improvement Project Specialist at (305) 375-3141.

c: Laurie Johnson, SBD, ISD
File



February 18, 2022

Mr. Paul Adams, Construction Contracts Division
 MDWASD
 3071 SW 38th Avenue, Suite 107
 Miami, FL 33146

RE: S-930A Preliminary Evaluation of Bids

Dear Mr. Adams:

Upon receipt of the bid tabulation results and the lowest bid package for the above project, we have performed an evaluation of the proposal's cost and qualifications.

In general, the lowest of four (4) bidders for OOL Project ST-2D-A (S-930A) is PCL Construction, Inc (PCL). Table 1 below summarizes the results of the bids tabulation:

Table 1 Bid Tabulation Summary

Company Name	Base Bid	Total Bid*
PCL Construction, Inc.	\$123,710,000.00	\$142,232,300.00
Poole & Kent	\$127,600,000.00	\$146,628,000.00
MCM-Dragados JV	\$140,025,500.00	\$160,668,815.00
Kiewit Water Facilities Florida	\$150,981,000.00	\$173,048,530.00

* Total bid includes contingency & dedicated allowances.

The base bid by PCL is approximately 16.4% above the baseline of the AACE recommended range included in the estimated Opinion of Probable Construction Cost provided by BV in September 2021 and 1.6% above the high accuracy range. The second lowest total bid (Poole & Kent) is close to the PCL low bid (+ 3.1%), and the average of all four bidders (\$155,644,411.25) is 9.4% above.

Upon review of the bid tabulation, most bid items appear to be balanced and reasonably consistent between bidders, except for PCL's bid being lower compared to other bidders for line items 2.4 (Sludge Drying Beds) and 5.2 (Substations 1/2 Mezzanine Area), and higher compared to other bidders for line item 4.10 (EDB3 – Generators and Ancillary Equipment). Table 2 provides a comparison of these line items.

Table 2 Evaluation of Bid Items 2.4, 4.10, and 5.2

Bid Item	Description	PCL Construction, Inc.	Kiewit Water Facilities Florida	MCM-Dragados JV	Poole & Kent
2.4	Sludge Drying Beds	\$20,000	\$1,577,000	\$3,700,000	\$5,000,000
4.10	EDB3 – Generators and Ancillary Equipment	\$5,200,000	\$3,220,000	\$150,000	\$600,000
5.2	Substations 1/2 Mezzanine Area	\$50,000	\$200,000	\$2,100,000	\$500,000
	Total for Bid Items 2.4, 4.0, 5.2	\$5,270,000	\$4,997,000	\$5,950,000	\$6,100,000

Overall, the differences in value of these line items between bidders does not appear to indicate an unbalanced bid.

The bid review also noted that a Financial Assets Form was to be attached as a separate document, but this was not included in the documents reviewed. Miami-Dade County may want to confirm that they have received this form for internal review and seek additional information or clarification as necessary.

Similarly, the bid evaluation included a review of the qualifications and experience provided by PCL. In general, PCL and listed subcontractors appear to have significant experience at wastewater treatment facilities, however confirmation is requested as indicated in Table 3.

Table 3 - Clarification of Qualifications and Experience Requirements

Minimum Construction Experience Requirements from Contract Documents	BV Comments
SP 1.3 A - The Bidder's proposed project manager shall have successfully completed a minimum of two (2) projects demonstrating project management experience with large wastewater treatment upgrade projects having a total construction value (for each project) of greater than \$50 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.	The experience of Bidder's proposed project manager, Mr. Palmatier, appears to meet this requirement. Additional clarification is recommended to determine whether the CDWWTP Oxygen Production Facility construction is currently ongoing or has been <u>successfully completed</u> . Currently ongoing projects do not meet the requirements.
SP 1.3 B - The Bidder must have successfully completed the construction and/or rehabilitation of a minimum of two (2) electrical distribution rooms with at least 6 diesel engine type generators along with fuel storage tanks and accessories and construction of fuel pipe system, 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.	Additional clarification is recommended regarding which projects included on the Previous Contracting Experience pages should be evaluated as meeting this requirement.
SP 1.3 C - 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.	The experience of the Bidder's electrical subcontractor, American Electric, appears to meet this requirement. Additional clarification is recommended regarding whether these projects were <u>successfully completed</u> within the past ten years. Currently ongoing projects do not meet the requirements.

Minimum Construction Experience Requirements from Contract Documents	BV Comments
SP 1.3 D - 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.	The experience of the Bidder's Electrical Subcontractor (American Electric) Lead Electrician appears to meet this requirement. Additional clarification is recommended regarding whether this project was <u>successfully completed</u> within the past ten years.
SP 1.3 E - 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.	The experience of the Bidder's Instrumentation and Controls Subcontractors appear to meet this requirement.
SP 1.3 F - 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.	The experience of the Bidder's HVAC Subcontractor appears to meet this requirement. Additional clarification is recommended regarding whether this project was <u>successfully completed</u> within the past ten years. Currently ongoing projects do not meet the requirements.

In light of the additional clarifications needed, a bid review should be performed once the additional information is provided.

In addition to the bid commentary above BV would like to provide the following information regarding the possible causes for the bids being slightly above the high range of the OPCC:

1. Current market conditions (inflation/escalation/supply chain)
 - a. The date of the BV OPCC is September 2021, and the bid opening was February 2022. As indicated in the Basis of Estimate, it is recommended to reevaluate the OPCC after 90 days to reflect changes in market conditions which is in line with industry standards.
 - b. January 2022 saw the largest Consumer Price Index (CPI) increase (7.5%) for the 12 months ending January which is the largest 12-month increase since February 1982. Gasoline prices increased by 40% in the 12-months ending January 2022. Due to this it

can be said that COVID19 related impacts, record inflation, supply chain issues, and other factors were accentuated between our OPCC submittal and the bid date, and this could have contributed to increasing the bid by an estimated 6% to 8%.

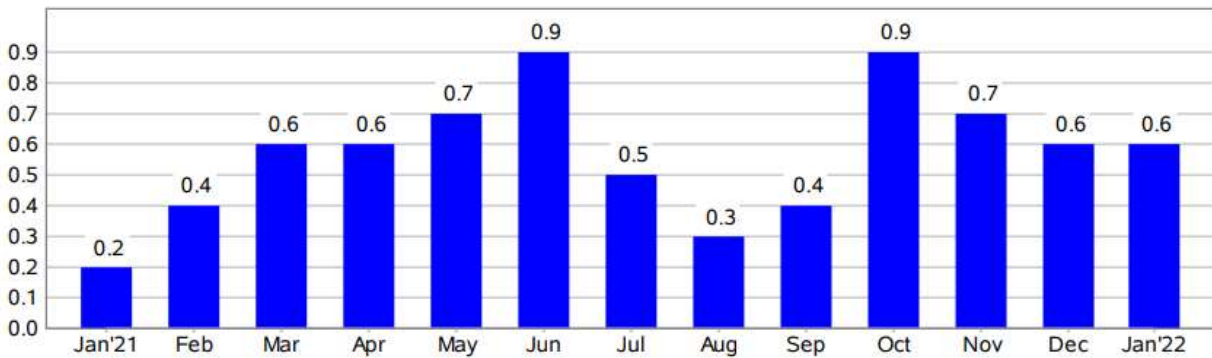


Figure 1 One-month percent change in CPI for All Urban Consumers, seasonally adjusted, Jan. 2021 - Jan. 2022 (Source: Bureau of Labor Statistics News Release January 2022)

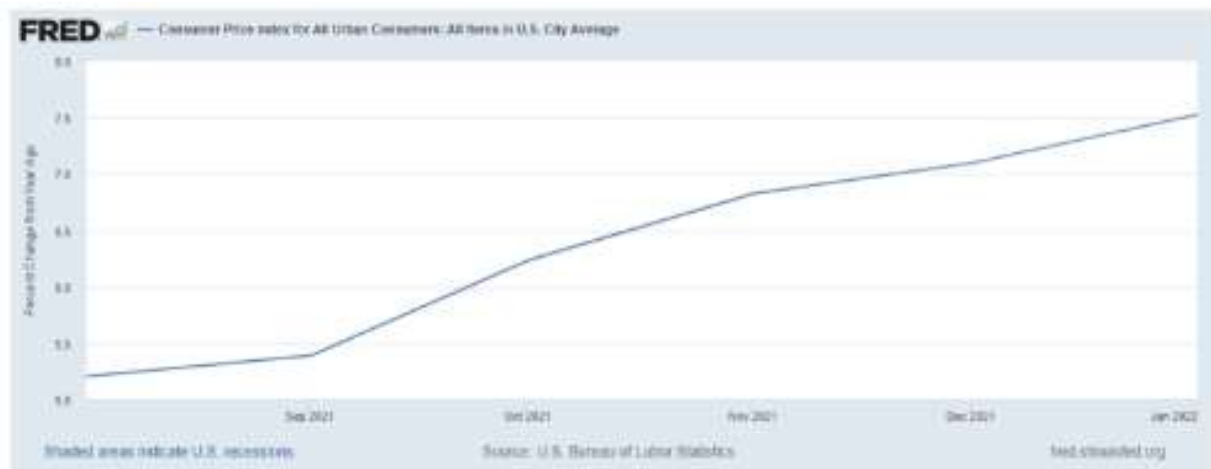


Figure 2 - CPI Index All Urban Customers

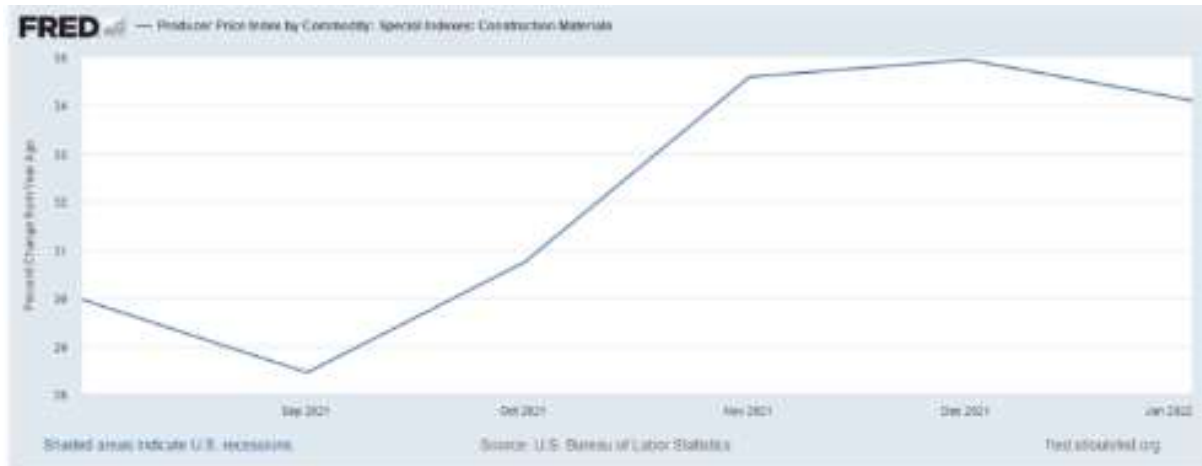


Figure 3 - PPI Index - Construction Material

2. Client furnished Equipment.

While MDWASD achieved substantial savings procuring the engine generators directly from the manufacturer ahead of the high inflation period during the bid of this project, it is highly likely that the risk associated with coordinating, handling and installation of this equipment was analyzed and accounted for differently in each contractor's estimate. The BV team carried \$1.0M in indirect costs for assessing this risk. It is likely that bidding contractors approached this differently based on final bid documents, language and information provided. Schedule impacts alone could account for a significant delta. We estimate this could account for \$0.50M to \$2.5M in additional costs.

Very truly yours,

Black & Veatch Corporation

Lucas Botero, P.E., BCEE, ENV SP
Project Manager



February 24, 2022

Mr. Paul Adams, Construction Contracts Division
Miami Dade WASD
3071 SW 38th Avenue, Suite 107
Miami, FL 33146

Re: SDWWTP ST-2D-A EDB 3 Project; Contract No. S930A
B&V Clarification of Qualification Comments (PCL Responses)

Dear Mr. Adams:

Please find PCL's responses to the Preliminary Evaluation of Bids for the referenced project, conducted by Black & Veatch EOR, Mr. Lucas Botero, P.E. Below are PCL's clarifications to B&V comments included in Table No. 3 Qualifications and Experience Requirements Clarification of the evaluation letter, dated February 18, 2022.

Table 3 - PCL Responses:

SP 1.3 A:

The CDWWTP Oxygen Production Facility Project achieved Substantial Completion in November 10, 2021. Attached to this letter please find the CDWWTP Oxygen Production Facility Project Substantial Completion Forms signed by Miami Dade County WASD, certifying that the work has been completed in accordance with the contract documents. Miami-Dade WASD has had beneficial use of the Oxygen Production Facility since November 2021.

**** Please note that the HVAC and Electrical subcontractors also listed the CD2.27 project in their qualifications.**

If you have questions or need additional verification of the completeness for the CDWWTP Oxygen Production Facility Project, please contact the Consent Decree PM/CM Construction Manager, Stephen D. Cross, information below.

Stephen D. Cross; CD PMCM Construction Manager
Stephen.Cross@miamidade.gov
786-858-3210 (cell); 786-552-4338 (office)

SP 1.3 B:

PCL included the Riverside Regional Water Quality Control Plant Phase 1 Expansion Project with completion date of June 2017. Project information attached. Note that this project includes two (2) electrical distribution rooms with at least 6 diesel type generators along with fuel storage tanks and

accessories and construction of fuel pipe system, with this work being performed while maintaining operations of a wastewater facility.

SP 1.3 C:

Electrical Subcontractor Project Experience: *(Additional information attached)*

- 1) SDWWTP Existing Co-generation Facility Improvements, Contract No. S-854
 - a. Completed November 2015
- 2) SDWWTP HLD Upgrade to 285 MGD Filter System, Contract No. S-805
 - a. Completed December 2013
- 3) Alexander Orr Jr. WTP Generator Building Switchgear Expansion, Contract No. W-830
 - a. Completed June 2017

SP 1.3 D:

Lead Electrician Experience: *(Additional information attached)*

- 4) SDWWTP Existing Co-generation Facility Improvements, Contract No. S-854
 - a. Completed November 2015
- 5) SDWWTP HLD Upgrade to 285 MGD Filter System, Contract No. S-805
 - a. Completed December 2013
- 6) Alexander Orr Jr. WTP Generator Building Switchgear Expansion, Contract No. W-830
 - a. Completed June 2017

SP 1.3 F:

HVAC Subcontractor Experience: *(Additional information attached)*

- 1) CD2.27 CDWWTP Oxygen Production Facility Project
 - a. Substantially completed November 2021
- 2) CDWWTP Chlorination Facilities Contract No. S-890 (Additional project for consideration)
 - a. Completed May 2021

Should you have any further questions or concerns, feel free to contact our office.

Sincerely,



Jim Holtje, P.E.
Area Manager



March 2, 2022

Mr. Paul Adams, Construction Contracts Division
 MDWASD
 3071 SW 38th Avenue, Suite 107
 Miami, FL 33146

RE: S-930A Bid Evaluation Follow up

Dear Mr. Adams:

Black & Veatch (BV) has reviewed the additional information provided by PCL Construction in their February 24, 2022 letter to Miami-Dade Water and Sewer Department (MDWASD). Considering the clarifications on the completion dates of the projects, BV considers that these projects meet the experience requirements from SP 1.3 A – F.

Table 1 - Clarification of Qualifications and Experience Requirements

Minimum Construction Experience Requirements from Contract Documents	BV Comments	PCL Construction 2/24/2022 Response	Additional BV Comments
SP 1.3 A - The Bidder's proposed project manager shall have successfully completed a minimum of two (2) projects demonstrating project management experience with large wastewater treatment upgrade projects having a total construction value (for each project) of greater than \$50 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.	The experience of Bidder's proposed project manager, Mr. Palmatier, appears to meet this requirement. Additional clarification is recommended to determine whether the CDWWTP Oxygen Production Facility construction is currently ongoing or has been <u>successfully completed</u>. Currently ongoing projects do not meet the requirements.	The CDWWTP Oxygen Production Facility Project achieved substantial completion and MDWASD has had beneficial use of the facility since November 2021.	This meets the requirements of the Contract Documents.

Minimum Construction Experience Requirements from Contract Documents	BV Comments	PCL Construction 2/24/2022 Response	Additional BV Comments
SP 1.3 B - The Bidder must have successfully completed the construction and/or rehabilitation of a minimum of two (2) electrical distribution rooms with at least 6 diesel engine type generators along with fuel storage tanks and accessories and construction of fuel pipe system, 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.	Additional clarification is recommended regarding which projects included on the Previous Contracting Experience pages should be evaluated as meeting this requirement.	The Riverside Regional Water Quality Control Plant Phase 1 Plant Expansion project includes two (2) electrical distribution rooms with at least 6 diesel type generators along with fuel storage tanks and accessories and construction of fuel pipe system, with this work being performed while maintaining operations of a wastewater facility.	This meets the requirements of the Contract Documents.
SP 1.3 C - 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	The experience of the Bidder's electrical subcontractor, American Electric, appears to meet this requirement. Additional clarification is recommended regarding whether these projects were <u>successfully completed</u> within the past ten years. Currently ongoing	▪ Project S-854 completed Nov. 2015 ▪ Project S-805 completed Dec. 2013 ▪ Project W-830 completed Jun. 2017	This meets the requirements of the Contract Documents.

Minimum Construction Experience Requirements from Contract Documents	BV Comments	PCL Construction 2/24/2022 Response	Additional BV Comments
SP 1.3 D - 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.	The experience of the Bidder's Electrical Subcontractor (American Electric) Lead Electrician appears to meet this requirement. Additional clarification is recommended regarding whether this project was <u>successfully completed</u> within the past ten years.	▪ Project S-854 completed Nov. 2015 ▪ Project S-805 completed Dec. 2013 ▪ Project W-830 completed Jun. 2017	This meets the requirements of the Contract Documents.
SP 1.3 E - 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.	The experience of the Bidder's Instrumentation and Controls Subcontractors appear to meet this requirement.	N/A	N/A

Minimum Construction Experience Requirements from Contract Documents	BV Comments	PCL Construction 2/24/2022 Response	Additional BV Comments
SP 1.3 F - 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.	The experience of the Bidder's HVAC Subcontractor appears to meet this requirement. Additional clarification is recommended regarding whether this project was <u>successfully completed</u> within the past ten years. Currently ongoing projects do not meet the requirements.	▪ CD2.27 CDWWTP Oxygen Production Facility Project completed Nov. 2021 ▪ CDWWTP Chlorination Facilities Contract No. S-890 completed in May 2021.	This meets the requirements of the Contract Documents.

BV would like to note that the FDEP Air Construction Permit for this project is currently pending responses to a Request for Additional Information received from FDEP. This permit will need to be approved by FDEP before construction activities can begin.

Very truly yours,

Black & Veatch Corporation



Lucas Botero, P.E., BCEE, ENV SP
Project Manager



Capital Improvements Information System

Contractor Evaluations Report (All Contracts)

Exhibit
F

<u>Dept</u>	<u>Contract</u>	<u>Type</u>	<u>Contractor / Architect Name</u>	<u>Date</u>	<u>Rater</u>	<u>Period</u>	<u>Rate</u>
WS	<u>DB17-WASD-01</u> <u>WO: I</u>	DES	<u>PCL CONSTRUCTION INC</u>	4/14/2020	Huren An (Jeff)	Interim	<u>3.9</u>
WS	<u>DB17-WASD-01</u>	DES	<u>PCL CONSTRUCTION INC</u>	9/21/2020	Huren An (Jeff)	Interim	<u>4.0</u>
WS	<u>S-907</u>	CON	<u>PCL CONSTRUCTION INC</u>	11/6/2020	Huren An (Jeff)	Interim	<u>3.0</u>
WS	<u>S-907</u>	CON	<u>PCL CONSTRUCTION INC</u>	1/12/2021	Huren An (Jeff)	Interim	<u>3.3</u>
WS	<u>DB17-WASD-01</u>	DES	<u>PCL CONSTRUCTION INC</u>	5/19/2021	Huren An (Jeff)	Interim	<u>4.0</u>

Evaluation Count: 5 Contractors: 1 Average Evaluation: 3.6

CONTRACT

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 PCL Construction, Inc., 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

**"OCEAN OUTFALL LEGISLATION PROGRAM, CONSTRUCTION PACKAGE
 ST-2D-A SOUTH DISTRICT WASTEWATER TREATMENT PLANT,
 ELECTRICAL DISTRIBUTION BUILDING 3, CONTRACT NO. S-930A"**

for the aggregate amount reflected by the Proposal, said aggregate amount being of One
 Hundred Forty Two Million Two Hundred Thirty Two Thousand Three Hundred Dollars
 and No Cents (U.S. Dollars) \$142,232,300.00.

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 Covenants and 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 Questionnaire, the Advertisement for Bids,
 the Instructions to Bidders, the Proposal, the Certified Resolution (Proposal/Prescribed Bid Bond), the
 Prescribed Bid Bond, the Contract, the Surety Performance and Payment Bond, the Certified Resolution
 (Contract/ Surety Performance and Payment Bond), the General Terms and Conditions, the
 Supplemental General Terms and Conditions, Special Provisions, the Supplemental General Conditions
 (if Ordinance 90-143 is applicable) including Wage and Benefit Schedules, the Specifications, the Plans,
 any Addenda which may be issued, the Subcontractor /Supplier Listing Form (Ordinance 97-104 as
 amended by Ordinance 00-30), the Reporting Subcontracting Policies and Procedures (Ordinance 98 -15

CONTRACT

9), the Small Business Enterprise Programs Participation Provisions and Forms (if applicable), and the provisions for the following: Vendors Affidavit (Uniform County Affidavits); Criminal Record (Felony) (as amended by Ordinance 00-30; Community Workforce Program County Code Section 2-1701, Office of Miami-Dade County Inspector General (IG) (if Ordinance 97-215 as amended by Ordinance 99-15 is applicable); Sworn Statement – Public Entity Crimes [Florida Statute Sect. 287.133 (3) (a)]; Change Orders; Notice to Proceed, Referenced Codes and Standards, Warranties and Guarantees, all related correspondence, field notes, logs, and other documents.

The General Terms and 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 General Covenants and Conditions, Section 41 "Audit Rights and Review of Records".

8. Notwithstanding and prevailing over any other provision of the Contract Documents to the contrary, the County Mayor or Mayor's designee's, 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 County Mayor or the County 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 Terms and Conditions Article 11.D(1) Termination for Convenience.

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: Harvey Ruvin
Clerk of the Board

MIAMI DADE COUNTY, FLORIDA
BY ITS BOARD OF COUNTY COMMISSIONERS

By: _____
Deputy Clerk

By: _____
Mayor or Mayor's Designee

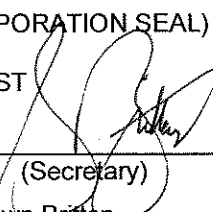
(PARTY OF THE FIRST PART)

Approved as to Form and Legal Sufficiency

Assistant County Attorney
Miami-Dade Water and Sewer Department

WHEN THE CONTRACTOR IS A CORPORATION

(CORPORATION SEAL)

ATTEST 

(Secretary)
Shawn Britton

(Print or type name)

PCL Construction, Inc.
(Name of Corporation)

By: 

(Signature of Officer)

Mike McKinney

(Print or type name)

President

(Official Title)

1111 Park Centre Blvd., Suite 203

Miami Gardens, FL 33169
(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.
- _____



Exhibit
H

NON-COLLUSION AFFIDAVIT

(In accordance with Sections 2-8.1.1 and 10-33.02.1 of the Code of Miami-Dade County)

I, the undersigned, am over 18 years of age, have personal knowledge of the facts stated in the Non-Collusion Affidavit (*this Affidavit*) and I am an owner, officer, director, principal shareholder and/or otherwise authorized to bind the Bidder/Proposer of this solicitation.

A. I have reviewed the list of respondents attached to this Affidavit. I state that the Bidder/Proposer of this competitive solicitation (check one):

☒ is **not related** to any of the other respondents submitting a Bid/Proposal in the competitive solicitation.

☐ is **related** to the following respondents who submitted a Bid/Proposal in the competitive solicitation, which are identified and listed below:

B. I state that the Bidder/Proposer of this competitive solicitation:

1. has prepared this Bid/Proposal independently without consultation, communication, agreement or arrangement with any other Bidder/Proposer or competitor for the purpose of restricting competition;
2. has submitted the Bid/Proposal in its own behalf, and not in the interest or on behalf of any person not therein named;
3. has not, directly or indirectly, induced or solicited any other Bidder/Proposer to put in a sham proposal, or any other person, firm, or corporation to refrain from proposing;
4. has not in any manner sought by collusion to secure an advantage over any other Bidder/Proposer.

Note: Any person or entity that fails to submit this executed Affidavit shall be ineligible for contract award. In accordance with Section 2-8.1.1 of the Code of Miami-Dade County, where two or more related parties, as defined herein, each submit a Bid for any contract, such Bids shall be presumed to be collusive. The foregoing presumption may be rebutted by the presentation of evidence as to the extent of ownership, control and management of such related parties in preparation and submittal of such Bids. **Related parties** shall mean the Bidder/Proposer, the principals, corporate officers, and managers of a Bidder/Proposer; or the spouse, domestic partner, parents, stepparents, siblings, children or stepchildren of a Bidder/Proposer or the principals, corporate officers and managers thereof which have a direct or indirect ownership interest in another Bidder/Proposer for the same contract or in which a parent company or the principals thereof of one Bidder/Proposer have a direct or indirect ownership interest in another Bidder/Proposer for the same contract. Bid/Proposal found to be collusive shall be rejected. Bidder/Proposer who has been found to have engaged in collusion may be considered non-responsible, and may be suspended or debarred, and any contract resulting from collusive bidding may be terminated for default.

Written Declaration: Pursuant to §92.525, Florida Statutes, under penalties of perjury, I declare that I have read the foregoing Affidavit and that the facts stated in it are true, accurate, and complete.

Solicitation No.: **Contract No. S-930B** Solicitation Title: **Ocean Outfall Legislation Program, Construction Package ST-2D-A South District Wastewater Treatment Plant, Electrical Distribution Building 3, Contract No. S-930A**

By: 
Signature of Affiant

Date: MARCH 7 20 22

Mike McKinney, President

Printed Name of Affiant and Title

2 / 0 - 3 / 5 / 9 / 8 / 8 / 43

Federal Employer Identification Number

PCL Construction, Inc.

Printed Name of Bidder/Proposer

1 N Dale Mabry Hwy, Suite 300, Tampa, FL 33609

Address of Bidder/Proposer



Exhibit A

Below listed are all other parties (legal entity) bidding/proposing in competitive

Solicitation No.: **Contract No. S-930A**

Solicitation Title: Ocean Outfall Legislation Program, Construction Package ST-2D-A South District Wastewater Treatment Plant, Electrical Distribution Building 3, Contract No. S-930A

Poole & Kent Company of Florida
MCM / Dragados, Joint Venture
Kiewit Water Facilities Florida Co.



Miami-Dade County

VENDOR AFFIDAVITS FORM

(Uniform County Affidavits)

Exhibit
I**Internal Services Department (ISD)
Procurement Management Services Division
Vendor Services Section**111 NW 1st Street, Suite 1300, Miami, Florida 33128-1974
Telephone: 305-375-5773www.miamidade.gov/procurement

The completion of the Vendor Affidavits Form allows vendors to comply with affidavit requirements outlined in Section 2-8.1 of the Code of Miami-Dade County. Vendors are required to have a complete Vendor Registration Package on file, including required affidavits, prior to the award of any County contract. **It is the vendor's responsibility to keep all affidavit information up to date and accurate by submitting any updates to the ISD, Procurement Management Services Division, Vendor Services Section.**

FEDERAL EMPLOYER**IDENTIFICATION NUMBER (FEIN)**

In order to establish a file for your firm, you must enter your firm's FEIN. This number becomes your "County Vendor Number". Please enter your Federal Employee Identification Number (FEIN) or if none, then enter the owner's Social Security Number (SSN).

☐ **FEIN**

20-3598843

**NORTH AMERICAN INDUSTRY
CLASSIFICATION SYSTEM (NAICS)**

The North American Industry Classification System (NAICS) is the standard used by the federal statistical agencies in classifying business establishments for the purpose of collecting, analyzing and publishing statistical data related to the U.S. business economy.

☐ **NAICS Code****SECTION 2: VENDOR AFFIDAVITS FORM (pages 5-8)**

PCL Construction, Inc.

A) Name of Entity, Individual(s), Partners or Corporation
1 N Dale Mabry Hwy, Suite 300

Tampa

Street Address (P.O. Box Number is not permitted)

City

B) Doing Business As (If same as line A, leave blank)

FL

USA

33609

State (U.S.A.)

Country

Zip Code

1. MIAMI-DADE COUNTY OWNERSHIP DISCLOSURE AFFIDAVIT

(Sec. 2-8.1 of the Miami-Dade County Code)

Firms registered to do business with Miami-Dade County, shall require the person contracting or transacting such business with the County to disclose under oath his or her full legal name, and business address. Such contract or transaction shall also require the disclosure under oath of the full legal name and business address of all individuals having any interest (legal, equitable, beneficial or otherwise) in the contract other than subcontractors, materialmen, suppliers, laborers or lenders. Post office box addresses shall not be accepted hereunder. If the contract or business transaction is with a corporation the foregoing information shall be provided for each officer and director and each stockholder holding, directly or indirectly, five (5) percent or more of the outstanding stock in the corporation. If the contract or business transaction is with a partnership, the foregoing information shall be provided for each partner. If the contract or business transaction is with a trust, the foregoing information shall be provided for the trustee and each beneficiary of the trust. The foregoing disclosure requirements shall not apply to contracts with publicly-traded corporations, or to contracts with the United States or any department or agency thereof, the State or any political subdivision or agency thereof, or any municipality of this State. Use duplicate page if needed for additional names.

If no officer, director or stockholder owns (5%) or more of stock, please write "None" below.

PRINCIPALS

FULL LEGAL NAME	TITLE	ADDRESS
NONE		

OWNERS**CHECK BOXES BELOW**

FULL LEGAL NAME	TITLE	% OF OWNERSHIP	ADDRESS	GENDER		RACE / ETHNICITY						
				M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Alaskan Native	Other	

If a percentage of the firm is owned by a publicly traded corporation or by another corporation, indicate below in the space "Other Corporations".

OTHER CORPORATIONS	% OF OWNERSHIP											

2. MIAMI-DADE COUNTY EMPLOYMENT DISCLOSURE AFFIDAVIT

(County Ordinance No. 90-133, amending Section 2.8-1(d)(2) of the Miami-Dade County Code)

The following information is for compliance with all items in the aforementioned Section:

1. Does your firm have a collective bargaining agreement with its employees? Yes X* No
2. Does your firm provide paid health care benefits for its employees? Yes No X**
3. Provide a current breakdown (number of persons) in your firm's work force indicating race, national origin and gender.

		NUMBER OF EMPLOYEES	
		Males	Females
White		219	19
Black		11	2
Hispanic		228	6
Asian/Pacific Islander		3	0
Native American/Alaskan Native		11	0
Other		18	5
Total Number of Employees		490	32
		522	
		Total Employees	

* IN CALIFORNIA ONLY

** HEALTH CARE BENEFITS
PROVIDED AT EMPLOYEE
COST.

3. MIAMI-DADE COUNTY EMPLOYMENT DRUG-FREE WORKPLACE CERTIFICATION

(Section 2-8.1.2(b) of the Miami-Dade County Code)

All persons and entities that contract with Miami-Dade County are required to certify that they will maintain a drug-free workplace and such persons and entities are required to provide notice to employees and to impose sanctions for drug violations occurring in the workplace.

In compliance with Ordinance No. 92-15 of the Code of Miami-Dade County, the above named firm is providing a drug-free workplace. A written statement to each employee shall inform the employee about:

1. Danger of drug abuse in the workplace
2. The firms' policy of maintaining a drug-free environment at all workplaces
3. Availability of drug counseling, rehabilitation and employee assistance programs
4. Penalties that may be imposed upon employees for drug abuse violations

The firm shall also require an employee to sign a statement, as a condition of employment that the employee will abide by the terms of the drug-free workplace policy and notify the employer of any criminal drug conviction occurring no later than five (5) days after receiving notice of such conviction and impose appropriate personnel action against the employee up to and including termination. Firms may also comply with the County's Drug Free Workplace Certification where a person or entity is required to have a drug-free workplace policy by another local, state or federal agency, or maintains such a policy of its own accord and such policy meets the intent of this ordinance.

4. MIAMI-DADE COUNTY DISABILITY AND NONDISCRIMINATION AFFIDAVIT

(Article 1, Section 2-8.1.5 Resolution R182-00 Amending R-385-95 of the Miami-Dade County Code)

Firms transacting business with Miami-Dade County shall provide an affidavit indicating compliance with all requirements of the Americans with Disabilities Act (A.D.A.).

I, state that this firm, is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third party contractor shall comply with all applicable requirements of the laws including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

The American with Disabilities Act of 1990 (A.D.A.), Pub. L. 101-336, 104 Stat 327, 42 U.S.C. Sections 225 and 611 including Titles I, II, III, IV and V.

The Rehabilitation Act of 1973, 29 U.S.C. Section 794

The Federal Transit Act, as amended, 49 U.S.C. Section 1612

The Fair Housing Act as amended, 42 U.S.C. Section 3601-3631

I, hereby affirm that I am in compliance with the below sections:

Section 2-10.4(4)(a) of the Code of Miami-Dade County (Ordinance No. 82-37), which requires that all properly licensed architectural, engineering, landscape architectural, and land surveyors have an affirmative action plan on file with Miami-Dade County.

Section 2-8.1.5 of the Code of Miami-Dade County, which requires that firms that have annual gross revenues in excess of five (5) million dollars have an affirmative action plan and procurement policy on file with Miami-Dade County. Firms that have a Board of Directors that are representative of the population make-up of the nation may be exempt.

5. MIAMI-DADE COUNTY DEBARMENT DISCLOSURE AFFIDAVIT

(Section 10.38 of the Miami-Dade County Code)

Firms wishing to do business with Miami-Dade County must certify that its contractors, subcontractors, officers, principals, stockholders, or affiliates are not debarred by the County before submitting a bid.

I, confirm that none of this firms agents, officers, principals, stockholders, subcontractors or their affiliates are debarred by Miami-Dade County.

6. MIAMI-DADE COUNTY VENDOR OBLIGATION TO COUNTY AFFIDAVIT

(Section 2-8.1 of the Miami-Dade County Code)

Firms wishing to transact business with Miami-Dade County must certify that all delinquent and currently due fees, taxes and parking tickets have been paid and no individual or entity in arrears in any payment under a contract, promissory note or other document with the County shall be allowed to receive any new business.

I, confirm that all delinquent and currently due fees or taxes including, but not limited to, real and personal property taxes, convention and tourist development taxes, utility taxes, and Local Business Tax Receipt collected in the normal course by the Miami-Dade County Tax Collector and County issued parking tickets for vehicles registered in the name of the above firm, have been paid.

7. MIAMI-DADE COUNTY CODE OF BUSINESS ETHICS AFFIDAVIT

(Article 1, Section 2-8.1(i) and 2-11(b)(1) of the Miami-Dade County Code through (6) and (9) of the County Code and County Ordinance No 00-1 amending Section 2-11.1(c) of the County Code)

Firms wishing to transact business with Miami-Dade County must certify that it has adopted a Code that complies with the requirements of Section 2-8.1 of the County Code. The Code of Business Ethics shall apply to all business that the contractor does with the County and shall, at a minimum; require the contractor to comply with all applicable governmental rules and regulations.

I confirm that this firm has adopted a Code of business ethics which complies with the requirements of Sections 2-8.1 of the County Code, and that such code of business ethics shall apply to all business that this firm does with the County and shall, at a minimum, require the contractor to comply with all applicable governmental rules and regulations.

8. MIAMI-DADE COUNTY FAMILY LEAVE AFFIDAVIT

(Article V of Chapter 11, of the Miami-Dade County Code)

Firms contracting business with Miami-Dade County, which have more than fifty (50) employees for each working day during each of twenty (20) or more work weeks in the current or preceding calendar year, are required to certify that they provide family leave to their employees.

Firms with less than the number of employees indicated above are exempt from this requirement, but must indicate by letter (signed by an authorized agent) that it does not have the minimum number of employees required by the County Code.

I confirm that if applicable, this firm complies with Article V of Chapter 11 of the County Code, which requires that firms contracting business with Miami-Dade County which have more than fifty (50) employees for each working day during each of twenty (20) or more work weeks in the current or preceding calendar year are required to certify that they provide family leave to their employees.

9. MIAMI-DADE COUNTY LIVING WAGE AFFIDAVIT

(Section 2-8.9 of the Miami-Dade County Code)

All applicable contractors entering into a contract with the County shall agree to pay the prevailing living wage required by this section of the County Code.

I confirm that if applicable, this firm complies with Section 2-8.9 of the County Code, which requires that all applicable employers entering a contract with Miami-Dade County shall pay the prevailing living wage required by the section of the County Code.

10. MIAMI-DADE COUNTY DOMESTIC LEAVE AND REPORTING AFFIDAVIT

(Article 8, Section 11A-60 - 11A-67 of the Miami-Dade County Code)

Firms wishing to transact business with Miami-Dade County must certify that it is in compliance with the Domestic Leave Ordinance.

I confirm that if applicable, this firm complies with the Domestic Leave Ordinance. This ordinance applies to employers that have, in the regular course of business, fifty (50) or more employees working in Miami-Dade County for each working day during the current or preceding calendar year.

AFFIRMATION

I, being duly sworn, do attest under penalty of perjury that the entity is in compliance with all requirements outlined in these Miami-Dade County Vendor Affidavits.

I also attest that I will comply with and keep current all statements sworn to in the above affidavits and registration application. I will notify the Miami-Dade County, Vendor Services Section immediately if any of the statements attested hereto are no longer valid.



(Signature of Affiant)

03/07/2022

(Date)

Mike McKinney, President

Printed Name of Affiant and Title

NOTARY PUBLIC INFORMATION

Notary Public -
State of:

ARIZONA

State

MARICOPA

County of

SUBSCRIBED AND SWORN TO (or affirmed) before me this

7TH

day of

MARCH

20 22

by MIKE MCKINNEY

He or she is personally known to me



Or has produced identification



Type of Identification Produced



Signature of Notary Public

591660

(Serial Number)



SONJA K. DAHL
Notary Public - State of Arizona
MARICOPA COUNTY
Commission # 591660
Expires August 9, 2024

9 Aug 2024

Expiration Date

Notary Public Seal
(When applicable)

PCL Construction, Inc.

System Vendor Number: 20160035

Listed below are the contracts to which this vendor is assigned.

Contracts as Prime Contractor						
Actions	Contract Number & Title	Prime Contact	Status	Dates	Award Amount	Paid Amount
View	TS948: CD1.10 SDWWTP ODOR CONTROL	Todd Palmatier		5/21/2021 to 7/23/2021	\$11,759,910	\$1,735,722
View	TS907: CDWWTP Effluent PS Electrical	Todd Palmatier		5/7/2019 to 12/18/2020	\$21,865,770	\$17,131,046
View	TDB17WASD1: CDWWTP OXYGEN PRODUCTION	Todd Palmatier		4/29/2019 to 6/7/2022	\$57,904,062	\$47,873,613
Number of contracts as prime: 3					\$91,529,742	\$66,740,381

Contracts as Subcontractor						
No contracts assigned as a subcontractor.						



MEMORANDUM

(Revised)

TO: Honorable Chairman Jose "Pepe" Diaz
and Members, Board of County Commissioners

DATE: June 1, 2022

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
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) ____, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) ____ 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)
6-1-22

RESOLUTION NO. R-537-22

RESOLUTION AWARDING A CONTRACT (CONTRACT S-930A) TO PCL CONSTRUCTION, INC. WITH A CONTRACT AMOUNT NOT TO EXCEED \$142,232,300.00 AND A TOTAL CONTRACT TERM OF 1,365 DAYS FOR THE OCEAN OUTFALL LEGISLATION PROGRAM CONSTRUCTION PACKAGE, ST-2D-A ELECTRICAL DISTRIBUTION BUILDING 3 SOUTH DISTRICT WASTEWATER TREATMENT PLANT PROJECT; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE THE SAME AND TO EXERCISE THE TERMINATION AND OTHER PROVISIONS CONTAINED THEREIN

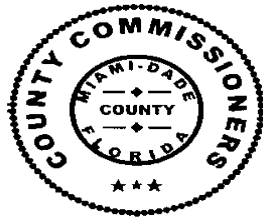
WHEREAS, this Board desires to accomplish the purpose outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby awards a Contract (Contract S-930A) to PCL Construction, Inc. with a contract amount not to exceed \$142,232,300.00 and a total contract term of 1,365 days for the Ocean Outfall Legislation Program Construction Package, ST-2D-A Electrical Distribution Building 3 South District Wastewater Treatment Plant Project in substantially the form attached to the accompanying Mayor's Memorandum and made a part hereof; and authorizing the County Mayor or County Mayor's Designee to execute same and to exercise the termination and other provisions contained therein.

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

Jose "Pepe" Diaz, Chairman	aye	
Oliver G. Gilbert, III, Vice-Chairman	aye	
Sen. René García	aye	Keon Hardemon aye
Sally A. Heyman	aye	Danielle Cohen Higgins aye
Eileen Higgins	aye	Joe A. Martinez aye
Kionne L. McGhee	aye	Jean Monestime absent
Raquel A. Regalado	aye	Rebeca Sosa aye
Sen. Javier D. Souto	aye	

The Chairperson thereupon declared this resolution duly passed and adopted this 1st day of June, 2022. 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

HARVEY RUVIN, CLERK

Basia Pruna

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Angela F. Benjamin