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CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

Memorandum

MIAMI-DADE COUNTY

Date: June 7, 2016

Agenda Item No. 3(B)(5)

Resolution No. R-456-16

To: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor

Subject: Resolution Ratifying the Actions Related to Miami-Dade Water and Sewer Department's Consent Decree and Capital Improvement Programs Acceleration Ordinance pursuant to Section 2-8.2.12 of the Miami-Dade County Code

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Recommendation

It is recommended that the Board of County Commissioners (Board) ratify the actions of the County Mayor or County Mayor's designee, as authorized under Section 2-8.2.12 of the Miami-Dade County Code related to Miami-Dade Water and Sewer Department's Consent Decree and Capital Improvement Programs Acceleration Ordinance (WASD Acceleration Ordinance) for the funded projects identified below and on Exhibit A, as attached.

Multi-Year Capital Plan Project

Item 1 - Recommendation to Award: Professional Engineering Services for the Proposed Upgrades to the Miami-Dade Central District Wastewater Treatment Plant and its Appurtenant Facilities including Pump Stations 1 and 2. The item requests ratification of a non-exclusive professional services agreement in the total amount of $8,800,000 with a total contract term of six (6) years and one (1) two-year option-to-renew to MWH Americas, Inc.

Consent Decree Project

Item 2 - Recommendation to Award: Construction of the Central District Wastewater Treatment Plant Chlorination Facilities – Consent Decree 2.17. The item requests ratification of a contract in the total amount of $13,413,000 with a total contract term of 673 days to Poole & Kent Company of Florida.

Item 3 – Recommendation to Award: Construction of the Conversion of Sewage Pump Station 418 to Booster Station. The item requests ratification of a contract in the total amount of $6,843,320 with a total contract term of 770 days to Metro Equipment Service, Inc.

Scope

The commission district of the project locations is noted on Exhibit A. The capital projects awarded through WASD's Acceleration Ordinance have a countywide impact.

Fiscal Impact/Funding Source

The fiscal impact and funding source for these projects are detailed on Exhibit A and the other accompanying attachments.

Track Record/Monitoring
WASD's Deputy Director, Hardeep Anand, will oversee the implementation of these projects.

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

Exhibit A includes the details of the competitively bid awards for which ratification is being requested. Exhibit A contains the information bulleted below for each contract award:

- Item Number
- Department Name
- Type of Solicitation
- Contract Type
- Contract No. / Project No.
- Project Name
- Firm Awarded
- Commission District
- Contract Amount
- Funding Source(s)
- Operations and Maintenance Costs
- Estimated Start Date/Estimated End Date
- Contract Measures: SBE Goods & Services; SBE-A/E; SBE-Construction; and CWP Program
- Brief Project Description

Attached as Exhibit B are the recommendations to award of the contracts referenced for Item Nos. 1, 2 and 3 above in this memorandum. The contracts listed are executed by the County Mayor or County Mayor's designee in accordance with WASD's Acceleration Ordinance, a copy is available upon request.

Attachments

Jack Osterholt, Deputy Mayor

Exhibit A

Ratification of Contract Awards Authorized by the WASD Accelerate Ordinance

Item No.	Dept. Name	Type of Solicitation	Contract Type	Contract No. / Project No.	Project Name	Firm Awarded	Commission District	Contract Amount	Funding Source(s)	Operations and Maintenance Costs	Est. Start Date / Est. End Date	Contract Measures: SBE Goods & Services	Contract Measures: SBE A/E	Contract Measures: SBE Construction	Contract Measures: CWP Program	Brief Project Description
1	WASD	County Bid Process	Notice to Professional Consultants	Agreement No. 16MWHA009 Project No. E15-WASD-10	Proposed Upgrades to the Miami-Dade Central District Wastewater Treatment Plant and its Appurtenant Facilities including Pump Stations 1 and 2	MWH Americas, Inc.	District 7, (Xavier L. Suarez)	$8,800,000	Wastewater Renewal Fund; Future WASD Revenue Bonds; WASD Revenue Bonds Sold; WASD Future Funding	n/a	Notice to Proceed Start Date: 04/15/2016 Completion Date: 04/15/2024, this includes the initial term of six (6) years, with a one (1) two-year option-to-renew	n/a	35%	n/a	n/a	The scope of work includes but is not limited to engineering, construction management and project coordination services for the renewal and replacement projects for the Cental District Wastewater Treament Plant's existing facilities including evaluation of existing equipment condition, capacity and useful life expectancy.
2	WASD	County Bid Process	Construction Contract	Contract No. S-890	Cental District Wastewater Treatment Plant Chlorination Facilities - Consent Decree 2.17	Poole & Kent Company of Florida	District 7, (Xavier L. Suarez)	$13,413,000	Future WASD Revenue Bonds; 2015 WASD Revenue Bonds Sold; Wastewater Renewal Fund	Operations Cost: $2,000,000 per year; and Maintenance Cost: $600,000 per year	Notice to Proceed Start Date: 03/28/2016 Completion Date: 01/30/2018, this includes the total contract term of 673 days	1.75%	n/a	5.00%	n/a	The scope of work consists of furnishings all materials, labor and equipment necessary for the construction of the Central District Wastewater Treatment Plant's Chlorination Facilities that will provide on-site storage of liquid sodium hypochlorite and the metering pumps to serve the necessary discharge points throughout the Central District Wastewater Treatment Plant.
3	WASD	County Bid Process	Construction Contract	Contract No. S-758R	Conversion of Sewage Pump Station No. 418 to Booster Station	Metro Equipment Service, Inc.	District 12, (Jose "Pepe" Diaz)	$6,843,320	Future WASD Revenue Bonds; WASD Revenue Bonds Sold; 2015 WASD Revenue Bonds Sold; Wastewater Connection Charges	Operations Cost: $250,000 per year; and Maintenance Cost: $200,000 per year	Notice to Proceed Start Date: 04/25/2016 Completion Date: 06/04/2018, this includes the total contract term of 770 days	4.00%	n/a	13.25%	n/a	The scope of work consists of furnishing all labor, equipment and materials for the conversion of County Pump Station 418 to a booster station which will facilitate the routing of flows to the North District Wastewater Treatment Plant.

Total Dollar Value of Awards: $29,056,320

3

Exhibit B
Item 1

Memorandum

MIAMI-DADE COUNTY

Date: April 15, 2016

To: Honorable Carlos A. Gimenez
Mayor

From: Lester Sola, Director
Water and Sewer Department

CLERK OF THE BOARD
2016 APR 19 AM 10:29
CLERK, CIRCUIT & COUNTY COURTS
MIAMI-DADE COUNTY, FLA.
#1

Subject: Recommendation approving award of a Non-Exclusive Professional Services Agreement to MWH Americas, Inc. for the Proposed Upgrades to the Miami-Dade Central District Wastewater Treatment Plant and its Appurtenant Facilities including Pump Stations 1 and 2 – Project No: E15-WASD-10; Contract No: 16MWHA009

RECOMMENDATION:
Pursuant to the Miami-Dade Water and Sewer Department (WASD) Consent Decree and Capital Improvement Programs Acceleration Ordinance, Section 2-8.2.12 of the Code of Miami-Dade County, it is recommended that the County Mayor or County Mayor's designee approve the attached non-exclusive Professional Services Agreement to MWH Americas, Inc. for Professional Engineering Services for the Proposed Upgrades to the Miami-Dade Central District Wastewater Treatment Plant and its Appurtenant Facilities including Pump Stations 1 and 2 - Project No: E15-WASD-10; Contract No: 16MWHA009 (the "Agreement"). The total compensation amount is $8,800,000, including a ten percent (10%) contingency fee, with a total contract term of six (6) years and one (1) two (2) year option-to-renew.

DELEGATION OF AUTHORITY:
In accordance with WASD Consent Decree and Capital Improvement Programs Acceleration Ordinance, Section 2-8.2.12 of the Code of Miami-Dade County, the County Mayor or County Mayor's designee is authorized to amend and execute the Agreement. The Agreement delegates authority to the County Mayor or County Mayor's designee to terminate the Agreement and resolve disputes. Pursuant to the provisions of Sections 2-8.2.12 (4)(d) and (e) of the Code, the County Mayor or County Mayor's designee will have the authority to amend and/or extend the Agreement to complete any unfinished work, waive liquidated damages, negotiate and settle claims, and execute change orders that do not exceed ten percent (10%) of the base contract amount.

PROJECT NAME:
Proposed Upgrades to the Miami-Dade Central District Wastewater Treatment Plant and its Appurtenant Facilities including Pump Stations 1 and 2.

PROJECT DESCRIPTION:
The scope of work consists of, but is not limited to, renewal and replacement projects for the plant's existing facilities including evaluation of existing equipment condition, capacity and useful life expectancy, as well as preparation of a prioritized rehabilitation or replacement schedule and related design services. In addition, engineering may include design services for selected plant upgrades and/or renovations. Engineering services during the design phase may include: performing preliminary site investigations; surveying; hydraulic modeling and analysis; coordinating with other utilities; preparing design reports; preparing drawings; and preparing contract specifications for structural, mechanical and electrical projects. Services during the

permitting and procurement phases may include obtaining dry-run permits and participating in obtaining final environmental and building permits. Construction management services are required to provide technical support during construction, including site inspections and attendance at meetings, reviewing shop drawings, processing payment requisitions, responding to information requests, reviewing claims and potential change orders, reviewing contract schedules and schedule of values, and reviewing as-built drawings. Project coordination services are anticipated to include: establishing a plan to implement projects; establishing and tracking project schedules, budgets and deadlines; preparing status reports; and attending meetings as requested.

Additional tasks are anticipated to include:

a. Evaluating and formulating plans for improving or optimizing the treatment processes, including designing and conducting pilot studies.
b. Conducting studies and providing recommendations related to improving plant operations and efficiency, including safety, staffing, energy conservation, security, biosolids management, corrosion control and asset management issues. This includes site specific staffing training and preparation of operation and maintenance manuals and operational practices manuals.
c. Providing services for evaluation of regulatory requirements including preparation of compliance documents and reports.
d. Providing technical support and assistance for computer system data integration with the programs and systems currently utilized. Providing assistance with selection and procurement of software and hardware enhancements.
e. Providing other engineering services related to the upgrades at the wastewater treatment plant as required, including participation on a Technical Advisory Committee.

PROJECT LOCATION:
Central District Wastewater Treatment Plant located at 3989 Rickenbacker Causeway, Miami, Florida 33160.

SMALL BUSINESS DEVELOPMENT (SBD):
REVIEW DATE: 07/21/2015 **SIGNOFF DATE:** 07/25/2015

SBD ASSIGNED CONTRACT MEASURES: See attached as Exhibit "A"

TYPE	GOAL	COMMENT
SBE-Architectural/Engineering	35.00%	Implementing Order 3-32
SBE-Goods and Services	N/A	Implementing Order 3-41

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:

Type	Code	Description
Prime	6.03	Water and Sanitary Sewer Systems – Water and Sanitary Sewage Treatment Plants
Prime	11.00	General Structural Engineering
Prime	12.00	General Mechanical Engineering
Prime	13.00	General Electrical Engineering
Prime	16.00	General Civil Engineering
Prime	17.00	Engineering Construction Management
Other	6.01	Water and Sanitary Sewer Systems – Water Distribution And Sanitary Sewage Collection and Transmission Systems
Other	6.02	Water and Sanitary Sewer Systems – Major Water and Sanitary Sewage Pumping Facilities

Other	10.09	Environmental Engineering – Wellfield, Groundwater, and Surface Water Protection and Management
Other	15.01	Surveying and Mapping – Land Surveying

SUBCONSULTANTS:
The chart below indicates the list of Subconsultants that will be utilized under this Agreement. The chart also shows which of those Subconsultants are being used to meet the SBD Architectural/Engineering goal of thirty-five percent (35%). Attached as Exhibit "B" are the "Letters of Agreement".

SUBCONSULTANTS	GOAL	SERVICES
Architects International, Inc.	5%	6.02 – Water and Sanitary Sewer Systems – Major Water and Sanitary Sewage Pumping Facilities 11.00 – General Structural Engineering 17.00 – Engineering Construction Management
BND Engineers, Inc.	10%	6.01 – Water and Sanitary Sewer Systems – Water Distribution and Sanitary Sewage Collection and Transmission Systems 6.02 – Water and Sanitary Sewer Systems – Major Water and Sanitary Sewage Pumping Facilities 16.00 – General Civil Engineering 17.00 – Engineering Construction Management
F.R. Aleman & Associates, Inc.	5%	15.01 – Surveying and Mapping – Land Surveying 16.00 – General Civil Engineering 17.00 – Engineering Construction Management
Gannett Fleming, Inc.	N/A	6.01 – Water and Sanitary Sewer Systems – Water Distribution and Sanitary Sewage Collection and Transmission Systems 6.02 – Water and Sanitary Sewer Systems – Major Water and Sanitary Sewage Pumping Facilities 6.03 – Water and Sanitary Sewer Systems – Water and Sanitary Sewage Treatment Plants 10.09 – Environmental Engineering – Wellfield, Groundwater, and Surface Water Protection and Management 11.00 – General Structural Engineering 12.00 – General Mechanical Engineering 13.00 – General Electrical Engineering 16.00 – General Civil Engineering

		17.00 – Engineering Construction Management
Manuel G. Vera & Associates, Inc.	2%	15.01 – Surveying and Mapping – Land Surveying
Media Relations Group, LLC	N/A	Area Specialist Support – Local Workforce Development
Metco Services Southeast, LLC	7%	13.00 – General Electrical Engineering
Milian, Swain & Associates, Inc.	7%	6.01 – Water and Sanitary Sewer Systems – Water Distribution and Sanitary Sewage Collection and Transmission Systems 6.02 – Water and Sanitary Sewer Systems – Major Water and Sanitary Sewage Pumping Facilities
The Sharpton Group, P.A.	N/A	Controls Support

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

MANDATORY CLEARING HOUSE: No

PRIMARY COMMISSION DISTRICT: District 7, Commissioner Xavier L. Suarez

APPROVAL PATH:
Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Acceleration Ordinance, Section 2-8.2.12 of the Code of Miami-Dade County.

MANAGING DEPARTMENT: Miami–Dade Water and Sewer Department

FISCAL IMPACT / FUNDING SOURCE
Wastewater Renewal Fund, Future WASD Revenue Bonds, WASD Revenue Bonds Sold, WASD Future Funding

CAPITAL BUDGET PROJECT NUMBER - DESCRIPTION:
9653421 CENTRAL DISTRICT UPGRADES-WASTEWATER TREATMENT PLANT
Book Page: 137 Adopted Capital Book for Fiscal Year 2014-2020, see attached as Exhibit "C".

PTP FUNDING: No
GOB FUNDING: No
ARRA FUNDING: No

SUSTAINABLE BUILDINGS ORDINANCE: (07-65)
Does the project qualify for compliance with the Sustainable Buildings Ordinance? Yes

TOTAL CONTRACT PERIOD: The initial contract term is six (6) years. The County Mayor or County Mayor's designee has the authority to approve one (1) two (2) year option-to-renew.

IG FEE INCLUDED IN BASE CONTRACT: Yes

ART IN PUBLIC PLACES: No

BASE CONTRACT AMOUNT: $8,000,000

CONTINGENCY ALLOWANCE: $ 800,000 — Contingency Allowance fee in accordance with Ordinance 00-65.

TOTAL CONTRACT AMOUNT: $8,800,000

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

TRACK RECORD / MONITOR: SBD HISTORY OF VIOLATIONS:
None - Due diligence was conducted by WASD and the Internal Services Department (ISD) in accordance with ISD Procurement Guidelines to determine responsibility, including verifying corporate status and 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 relating to MWH Americas, Inc.'s responsibility. This information is being provided pursuant to Resolution R-187-12.

EXPLANATION:
On August 10, 2015, a Notice to Professional Consultants was issued under full and open competition. On September 24, 2015, the Clerk of the Board received three (3) proposals in response to this solicitation. See attached Exhibit "D".

First-Tier
At the First-Tier "Evaluation of Qualifications" meeting held on January 15, 2016, the Competitive Selection Committee reviewed the three (3) proposals received from Stantec Consulting Services, Inc., MWH Americas and Hazen and Sawyer, P.C. The Competitive Selection Committee evaluated and ranked the firms and voted to short-list the three (3) firms. See attached Exhibit "E".

Second-Tier
The Second-Tier "Oral Presentations" meeting was held on February 1, 2016. Stantec Consulting Services, Inc. withdrew from further evaluation. The Competitive Selection Committee ranked MWH Americas, Inc. as the highest ranking firm (see attached Exhibit "E") and recommended to negotiate the contract with MWH Americas, Inc.

Firm	Total Qualitative Scores	Total Ordinal Scores	Ordinal Ranking
MWH Americas, Inc.	475	7	1
Hazen and Sawyer, P.C.	468	8	2

The Negotiation Committee was approved by the County Mayor's designee on March 03, 2016. On March 17, 2016, the Negotiation Committee met and concluded negotiations with MWH Americas, Inc.

Based on the ISD CIIS database, MWH Americas, Inc. has fifty (50) evaluations with an average 3.8 rating out of a possible total 4.0 points. See attached Exhibit "F".

SUBMITTAL DATE:	09/24/2015
ESTIMATED NOTICE TO PROCEED:	04/15/2016
A/E COMPANY:	MWH Americas, Inc.
PRINCIPAL/COMPANY QUALIFIERS:	Luis S. Casado
EMAIL ADDRESS:	Luis.S.Casado@mwhglobal.com
COMPANY ADDRESS:	2600 S. Douglas Road, Suite 600 Coral Gables, Florida 33134
YEARS IN BUSINESS:	48 Years

PREVIOUS EXPERIENCE WITH THE COUNTY IN THE PAST FIVE (5) YEARS:
According to the Firm History Report provided by the ISD, Division of SBD, MWH Americas, Inc. has been awarded one (1) contract with Miami-Dade County with a total contract value of $66,000,000. See attached Exhibit "G".

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS: Yes
A Prime Consultant submitting a proposal must be experienced in all phases of wastewater engineering, including design, permitting, construction, and operation and maintenance of wastewater treatment and disposal systems.

The Prime Consultant should also have experience with design and commissioning of wastewater treatment plant upgrades of similar scope and complexity. The Prime Consultant shall provide a list of members of the proposed Design Team, identifying the overall Design Manager(s), and the team leaders for key design specialties (process-liquid stream treatment, process–biosolids treatment, civil, structural, mechanical, electrical and instrumentation) and the specific role each one of them will perform.

The Prime Consultant shall have successfully designed and constructed at least one (1) major new or upgraded wastewater treatment plant(s) of similar size and scope as in this solicitation, which is currently in operation and in which the Prime Consultant was the designer. For projects in which the Prime Consultant has served as the design consultant, the consultant shall provide the name and contact information for an Executive with the Utility who can confirm their role. The descriptions shall include the client (i.e., municipality or agency), key project staff, the project name, a summary of the work performed, the contract amount, the schedule (to include start and completion dates), the specific role of the Prime firm, the achievements (e.g., projects delivered on schedule, dollars saved, innovative designs implemented, new technology utilized), and a client reference and contact information. All work with WASD of a similar nature should likewise be described to assure familiarity with WASD's system.

The Subconsultants shall have at least one (1) project(s) that is relevant to this scope of work specific to their proposed responsibilities. The descriptions shall include the client (i.e., municipality or agency), key project staff, a summary of the work performed, the contract amount, the schedule (to include start and completion dates), the specific role of the Subconsultant firm, the project's achievements, and client reference and contact information. All work with WASD of a similar nature should likewise be described to assure familiarity with WASD's system.

CONTRACT MANAGER NAME/PHONE/EMAIL: Patty Palomo / 786-552-8040 / Patty.Palomo@miamidade.gov

PROJECT MANAGER NAME/PHONE/EMAIL: Manuel E. Moncholi / 786-552-8225 / memonc@miamidade.gov

JENNIFER MOON
OMB DIRECTOR

4/12/16
DATE

SARAH E. DAVIS
ASSISTANT COUNTY ATTORNEY

4/11/16
DATE

LESTER SOLA ON BEHALF OF MAYOR CARLOS GIMENEZ

4/15/16
DATE

EXHIBIT A

MIAMI-DADE COUNTY

Small Business Development Division

Project Worksheet

Project/Contract Title: ENGINEERING SERVICES FOR PROPOSED UPGRADES TO THE MIAMI-DADE CENTRAL DISTRICT WASTEWATER TREATMENT PLANT AND ITS APPURTENANT FACILITIES INCLUDING PUMP STATION 1 AND 2

Received Date: 07/21/2015

Project/Contract No: E15-WASD-10

Funding Source: WASD REVENUE BONDS SOLD

Resubmittal Date(s):

Department: WATER AND SEWER

Estimated Cost of Project/Bid: $8,000,000.00

Description of Project/Bid: To establish a contract for professional engineering and construction management services for the proposed upgrades to the Miami-Dade Central District Wastewater Treatment Plant and its appurtenant facilities including Pump Stations 1 and 2. The scope of work consists of, but is not limited to, renewal and replacement projects for the plant's existing facilities including, evaluation of existing equipment condition, capacity and useful life expectancy, as well as preparation of a prioritized rehabilitation or replacement schedule and related design services.

Contract Measure Recommendation

Measure	Program	Goal Percent
Goal	SBE/AE	35.00%
No Measure	SBE/GS	

Reason for Recommendation

SMALL BUSINESS ENTERPRISE - ARCHITECTURAL & ENGINEERING (SBE/A&E)
An analysis of the factors contained in the project package, as well as the factors contained in Section V. C. of Implementing Order 3-32 and the responses of certified SBE/A&E firms to the Verification of Availability to Propose process indicates a 35% SBE/A&E Sub-consultant Goal is appropriate for this contract.

SMALL BUSINESS ENTERPRISE - GOODS & SERVICES (SBE/GS)
An analysis of Implementing Order 3-41& Ordinance 14-41, as well as the project package indicates a No Measure appropriate to the SBE/GS portion of this contract due to the fact that there are no goods and services under this contract. The purpose of this contract is strictly limited to provide engineering recommendations to operational and continuity of service.

Technical Category: 0601-W & S Sewer Sys-Water Dist & Sanitary Sewage Coll; 0602-W & S Sewer Sys-Major Water & Sewer Pumping Facili; 0603-W & S Sewer Sys-W & S Sewage Treatment Plant; 1009-Environ Eng-Wellfield,Grndwtr,Surfwater Protec&Mgt; 1100-General Structural Engineering; 1200-General Mechanical Engineering; 1300-General Electrical Engineering; 1501-Surveying And Mapping-Land Surveying; 1600-General Civil Engineering; 1700-Engineering Construction Management

Small Business Contract Measure Recommendation

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
W & S SEWER SYS-WATER DIST & SANITARY SEWAGE COLL	SBE/AE	$240,000.00	3.00%	
W & S SEWER SYS-W & S SEWAGE TREATMENT PLANT	SBE/AE	$960,000.00	12.00%	
GENERAL ELECTRICAL ENGINEERING	SBE/AE	$400,000.00	5.00%	
SURVEYING AND MAPPING-LAND SURVEYING	SBE/AE	$160,000.00	2.00%	
GENERAL CIVIL ENGINEERING	SBE/AE	$400,000.00	5.00%	
ENGINEERING CONSTRUCTION MANAGEMENT	SBE/AE	$640,000.00	8.00%	
	SBE/GS			
	Total	$2,800,000.00	35.00%	

Living Wages: YES [ ] NO [X]

Responsible Wages: YES [ ] NO [X]

Responsible Wages and Benefits applies to all construction projects over $100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.

DBDR0090 v.20150402

MIAMI-DADE COUNTY

Small Business Development Division

Project Worksheet

Project/Contract Title:	ENGINEERING SERVICES FOR PROPOSED UPGRADES TO THE MIAMI-DADE CENTRAL DISTRICT WASTEWATER TREATMENT PLANT AND ITS APPURTENANT FACILITIES INCLUDING PUMP STATION 1 AND 2	Received Date:	07/21/2015
Project/Contract No:	E15-WASD-10	Funding Source:	Resubmittal Date(s):
Department:	WATER AND SEWER	WASD REVENUE BONDS SOLD	
Estimated Cost of Project/Bid:	$8,000,000.00		

REVIEW RECOMMENDATION

Tier 1 Set Aside _____ Tier 2 Set Aside _____

Set Aside _____ Level 1 _____ Level 2 _____ Level 3 _____

Trade Set Aside (MCC) _____ Goal _____ Bid Preference _____

No Measure _____ Deferred _____ Selection Factor _____

CWP _____

SBD Director _____ Date 7/25/15

DBDR0080 v.20150402

Memorandum

MIAMI-DADE COUNTY

CLERK OF THE BOARD
2016 MAR 28 PM 3:50
CLERK, CIRCUIT & COUNTY CT.
MIAMI-DADE COUNTY, FLA.

Date: March 25, 2016

To: Lester Sola, Director
Water and Sewer Department

From: Zaba S. Castro, Esq.
Assistant Director
Legislative and Municipal Affairs

Subject: Recommendation Approving Award of a Construction Contract for CDWWTP Chlorination Facilities - Consent Decree 2.17, Contract No.: S-890

RECOMMENDATION:
Pursuant to the Miami-Dade Water and Sewer Department (WASD) Consent Decree and Capital Improvement Programs Acceleration Ordinance, Section 2-8.2.12 of the Code of Miami-Dade County, it is recommended that the County Mayor or County Mayor's designee approve this contract award recommendation to the Poole & Kent Company of Florida to construct the Central District Wastewater Treatment Plant (CDWWTP) Chlorination Facilities - Consent Decree 2.17, Contract No. S-890. The total compensation amount is $13,413,000 with a total contract term of 673 days. This contract award recommendation was prepared by the Miami-Dade Water and Sewer Department (WASD).

DELEGATION OF AUTHORITY:
The County Mayor or County Mayor's designee is authorized to amend and execute the Contract. Pursuant to the provisions of Sections 2-8.2.12 (4)(d) and (e) of the Code, the County Mayor or County Mayor's designee will have the authority to amend and/or extend the Contract to complete any unfinished work, waive liquidated damages, negotiate and settle claims, and execute change orders that do not exceed ten percent (10%) of the base contract amount.

PROJECT NAME:
CDWWTP Chlorination Facilities - Consent Decree 2.17

PROJECT DESCRIPTION:
The scope of work consists of furnishing all materials, labor and equipment necessary for the construction of Consent Decree Project 2.17, Chlorination Facilities at the Central District Wastewater Treatment Plant (CDWWTP), located on Virginia Key, 3989 Rickenbacker Causeway, Miami-Dade County, Florida 33149. The proposed facilities will replace existing chlorine gas facilities used for disinfection throughout the CDWWTP. The purpose of the facilities will be to provide on-site storage of concentrated liquid sodium hypochlorite and to provide the metering pumps to serve the necessary discharge points throughout the CDWWTP.

This project includes the construction of three (3) new buildings on auger cast pile foundation: two (2) buildings at Site 1 and one (1) at Site 2. The Site 1 bulk storage building will have the capacity to house up to eighteen (18) 20,000 gallon fiberglass-reinforced plastic (FRP) above ground tanks. It will be built on auger cast pile foundation and have walls to elevation 20.3 feet but without a roofing system. The Site 1 mechanical electrical building will be built on auger cast pile foundation, will be

completely roofed and will be a split elevation building. The Site 2 satellite facility is smaller and will be open-sided in the tank storage area and will contain a fully enclosed mechanical/electrical room. The satellite building will be roofed and will have a monorail system to allow for tank removal. The entire project includes the installation of sixteen (16) 20,000 gallon FRP tanks and four (4) 2,500 gallon high density polyethylene (HDPE) tanks. It also includes furnishing and installing motor operated diaphragm metering pumps, spill containment troughs, spill containment pumps, magnetic drive pumps, variable frequency drives, motor control centers, transformers, low voltage control panels, electrical switchboards, breakers, starters, lighting, grounding and lightning protection.

PROJECT LOCATION:
3989 Rickenbacker Causeway, Virginia Key, Miami-Dade County, Florida 33149

SMALL BUSINESS DEVELOPMENT (SBD) **REVIEW DATE:** 12/01/2015
SIGNOFF DATE: 12/11/2015

SBD REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES: (See EXHIBIT "A", as attached)

TYPE	GOAL	COMMENT
SBE-Construction	5.00%	The estimated value is the product of the goal percentage multiplied by the sum of the Base Contract Amount plus the Contingency Allowance Amount.
SBE-Goods & Services	1.75%	The estimated value is the product of the goal percentage multiplied by the sum of the Base Contract Amount plus the Contingency Allowance Amount.
CWP	N/A	CWP not applicable. Project is not in a Target Area.

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:
State General Contractor, General Engineering Contractor and/or other equivalent categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

SUBCONTRACTORS AND SUPPLIERS (SECTION 10-34 MIAMI-DADE COUNTY CODE): (See EXHIBIT "B", as attached)

FIRM NAME	SUBCONTRACTOR OR SUPPLIER	SCOPE OF WORK OR MATERIALS &SERVICES
The GA Group LTD Co.	Subcontractor	Concrete Shell
A-1 Property Services & Associates, Inc.	Subcontractor	Roofing
Best Garage Doors, Inc.	Subcontractor	Piping & Valves
Exceltech	Subcontractor	Painting/Coatings
Ebsary Foundation Co.	Subcontractor	Auger Pilings
American Electric of Miami	Subcontractor	Electrical
HD Supply, Water Works	Supplier	Building Materials
R.C. Beach & Associates, Inc.	Supplier	Mag Drive Pumps
Ryan Herco Flow Solutions	Supplier	Poly Tanks
PulsaFeeder, Inc.	Supplier	Chemicl Pumps
Lehman Pump & Plumbing Supply	Supplier	Pipe & Appurtenances

Concrete Products of the Palm Beaches, Inc.	Supplier	Concrete Cehemical Vaults

APPLICABLE WAGES: Yes

MANDATORY CLEARING HOUSE: No

PRIMARY COMMISSION DISTRICT: District 7 Xavier L. Suarez

APPROVAL PATH:
Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Acceleration Ordinance Section 2-8.2.12 of the Code of Miami-Dade County.

MANAGING DEPARTMENT: Miami-Dade Water and Sewer Department

FISCAL IMPACT / FUNDING SOURCE: (See EXHIBIT "C", as attached)

Capital Budget Project No. & Description:
964120 – WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS, Book Page: 137, Volume #3, Funding Year: Adopted Capital Budget Book for FY2015-16 and Prior Years' Funds,

Funding Sources:
Future WASD Revenue Bonds
2015 WASD Revenue Bonds Sold
Wastewater Renewal Fund

OPERATIONS COST IMPACT/FUNDING: $2,000,000 per year. The funding source for the operating impact is WASD Operating Revenues.

MAINTENANCE COST IMPACT/FUNDING: $600,000 per year. The funding source for the operating impact is WASD Operating Revenues.

LIFE EXPECTANCY OF ASSET: 40 years

PTP FUNDING: No

GOB FUNDING: No

ARRA FUNDING: No

SUSTAINABLE BUILDINGS ORDINANCE: (Ord. No. 07-65)
This project does not qualify for compliance with the Sustainable Buildings Ordinance.

TOTAL CONTRACT PERIOD:
The total contract period is 673 days. It includes a contract term of 612 days and a contingency period of 61 days.

IG FEE INCLUDED IN BASE CONTRACT: Yes

ART IN PUBLIC PLACES: No

BASE CONTRACT AMOUNT: $ 11,600,000

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

Type	AMOUNT	PERCENT
INFRASTRUCTURE	$ 1,160,000.00	10%

DEDICATED ALLOWANCES:

	AMOUNT	PERCENT
PERMIT FEES	$ 348,000.00	3.00%
FOR MONTHLY UTILITY FEE REIMBURSEMENT:	$ 20,000.00	0.17%
FOR ADDITIONAL WORK TO COMPLETE THE PROJECT RELATED TO ADDRESSING COMMENTS FROM PERMITTING AGENCIES	$ 60,000.00	0.52%
FOR ADDITIONAL WORK RELATED TO UNDERGROUND UTILITY CONFLICTS	$ 125,000.00	1.08%
FOR ADDITIONAL WORK RELATED TO ADDRESSING GEOTECHNICAL/ FOUNDATION ISSUES	$ 100,000.00	0.86%

TOTAL DEDICATED ALLOWANCE: $ 653,000.00

TOTAL CONTRACT AMOUNT: $ 13,413,000.00

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

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 relating to Poole & Kent Company of Florida's responsibility. This information is being provided pursuant to Resolution R-187-12.

EXPLANATION:

On February 8th, 2016, the Department received and opened a single bid in response to an advertisement for a competitive solicitation for this construction contract. (See EXHIBIT "D", as attached.)

The single bid from the Poole & Kent Company of Florida was sent to the Internal Services Department's (ISD) Division of Small Business Development (SBD) for a compliance review of the Small Business Enterprise participation goals assigned to the construction contract. On February 17, 2016, SBD issued the results of its findings and confirmed that the Poole & Kent Company of Florida was in compliance with the contract measures established. A copy of SBD's Compliance Review along with associated Schedule of Intent Affidavits showing Poole & Kent Company of Florida's commitment to utilize the subcontractors selected to comply with the contract's measures are attached (See EXHIBIT "E", as attached).

Upon opening bids, WASD furnished the single bid submittal to MWH Americas, Inc., the project's Engineer-of-Record, for evaluation. In a February 22, 2016 correspondence to WASD, MWH Americas, Inc. determined the Poole & Kent Company of Florida to be qualified, found its bid responsive and recommended award (See EXHIBIT "F", as attached). Therefore, it is recommended that the project be awarded to the lowest responsible, responsive bidder, Poole & Kent Company of Florida, whose base bid is approximately 13.83% below the revised engineer's base estimate. The base construction estimate was increased from $12,550,810 to $13,461,140 via Addendum No. 14, issued on February 1, 2016, attached as EXHIBIT "G".

ISD's Capital Improvements Information System (CIIS) database contains 33 evaluations for Poole & Kent Company of Florida. The dates of the evaluations range from 2009 to 2015 with an average overall rating of 3.6 points out of a possible 4 points, which is indicative of above average performance (See EXHIBIT "H", as attached).

The Contract, Collusion Affidavit and the Firm's Responsibility Affidavit (also called "Combined Affidavit") executed by Poole & Kent Company of Florida are attached as EXHIBIT "I", EXHIBIT "J" and Exhibit "K", respectively.

SUBMITTAL DATE:	02/08/2016
ESTIMATED NOTICE TO PROCEED:	03/28/2016
PRIME CONTRACTOR:	Poole & Kent Company of Florida
COMPANY PRINCIPAL:	Steven C. Jordan
COMPANY QUALIFIERS:	David A. Strickland
EMAIL ADDRESS:	patc@pkflorida.com
COMPANY ADDRESS:	1781 NW North River Drive Miami, FL 33125
YEARS IN BUSINESS:	11 years

PREVIOUS EXPERIENCE WITH THE COUNTY IN THE PAST FIVE (5) YEARS:
According to the Firm History Report (attached as EXHIBIT "L") provided by the Internal Services Department's, Division of Small Business Development, Poole & Kent Company of Florida has been awarded five (5) construction contracts in the past 5 years with the County, with a total value of $66,538,215.47. Four (4) of these contracts were awarded by the Board of County Commissioners

(Board) and one (1) via the County's Miscellaneous Construction Program 7360. On February 2, 2016, the Board approved a Deductive Change Order to the Poole & Kent Company for $500,000.

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS: Yes
In addition to licensing requirements, bidders were required to have the following minimum construction experience: (a) experience with chemical storage and feeding facilities and (b) have successfully completed the construction and/or rehabilitation of a minimum of two (2) chemical storage facilities and at least one (1) chemical feeding facility within the last ten (10) years.

CONTRACT MANAGER NAME/PHONE/EMAIL:
Isaac Smith / 786-268-5196 / ISMIT01@miamidade.gov

PROJECT MANAGER NAME/PHONE/EMAIL:
George L. Aguiar / 786-552-8138 / GLAGU01@miamidade.gov

BACKGROUND:
This project is one (1) in a series of projects required to comply with the County's current Consent Decree, which was approved by the U.S. District Court for the Southern District of Florida on April 9, 2014 in Case No. 1:12-cv-24400-FAM. Under this Consent Decree, the repair, rehabilitation and upgrade of the County's wastewater system continues to be a regulatory priority. It involves the construction of three (3) proposed facilities that will replace existing chlorine gas facilities used for disinfection during the sewage treatment process throughout the CDWWTP. The proposed facilities will provide on-site storage of concentrated liquid sodium hypochlorite, which will be pumped to the necessary discharge points throughout the CDWWTP by metering pumps.

SIGNATURE PAGE

For

CDWWTP Chlorination Facilities - Consent Decree 2.17

Contract No: S-890

JENNIFER MOON
OMB DIRECTOR

3/28/16
DATE

APPROVED AS TO LEGAL
SUFFICIENCY

SARAH E. DAVIS
ASSISTANT COUNTY ATTORNEY

3/22/16
DATE

LESTER SOLA, WASD DIRECTOR
ON BEHALF OF MAYOR CARLOS A. GIMENEZ

3/24/16
DATE

EXHIBIT "A"

Small Business Development Division

Project Worksheet

Project/Contract Title: CDWWTP CHLORINATION FACILITIES CONSENT DECREE PROJECT 2.17

Received Date: 12/10/2015

Project/Contract No: S-890

Funding Source: EW 658, WASD REVENUE BONDS SOL

Department: WATER AND SEWER

Estimated Cost of Project/Bid: $13,805,891.00

Resubmittal Date(s): 12/01/2015

Description of Project/Bid: To establish a contract to construct new facilities which will replace the existing chlorine gas facilities used for disinfection throughout the Central District Wastewater Treatment Plant (CDWWTP). The purpose of the facilities will be to provide storage of concentrated liquid sodium hypochlorite and to provide the metering pumps to serve the necessary discharge points throughout the plant.

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	SBE/GS	1.75%
Goal	SBE/CONS	5.00%

Reasons for Recommendation

This is a resubmittal to increase the cost of the field trailer, as well as to move the monthly utility bills line item to a dedicated allowance item. This will increase the estimated cost of the project from $13,740,991 to $13,805,891.

SMALL BUSINESS ENTERPRISE - CONSTRUCTION (SBE/CONS)
An analysis of the factors contained in the project package, as well as the factors contained in Section VI. C., of Implementing Order 3-22 and the responses of certified SBE/Cons firms to the Verification of Availability to Bid process indicates a 5.00% SBE/Cons Subcontractor Goal is appropriate for this contract.

SMALL BUSINESS ENTERPRISE - GOODS & SERVICES (SBE/GS)
An analysis of the factors contained in the project package, as well as the factors contained in section VIII. B., of Implementing Order 3-41 & Ordinance 14-41 indicates a 1.75% SBE/GS Subcontractor Goal is appropriate for the goods & services portion of this contract.

CWP Not Applicable; Not in DTA.

Trade Category: 236210-Industrial Building Construction; 236220-Commercial And Institutional Building Construction; 237110-Water And Sewer Line And Related Structures Construction; 237310-Highway, Street, And Bridge Construction; 238110-Poured Concrete Foundation And Structure Contractors; 238120-Structural Steel And Precast Concrete Contractors; 238160-Roofing Contractors; 238210-Electrical Contractors And Other Wiring Installation Contractors; 238220-Plumbing, Heating, And Air-Conditioning Contractors; 238320-Painting And Wall Covering Contractors; 238350-Finish Carpentry Contractors; 238350-Finish Carpentry Contractors; 238390-Other Building Finishing Contractors; 238910-Site Preparation Contractors; 238990-All Other Specialty Trade Contractors; 238990-All Other Specially Trade Contractors

Small Business Contract Measure Recommendation

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
Water and Sewer Line and Related Structures Construction	SBE/CONS	$11,044.71	0.08%	
Highway, Street, and Bridge Construction	SBE/CONS	$64,887.69	0.47%	
Structural Steel and Precast Concrete Contractors	SBE/CONS	$89,738.29	0.65%	
Roofing Contractors	SBE/CONS	$64,887.69	0.47%	
Electrical Contractors and Other Wiring Installation Contractors	SBE/CONS	$69,029.46	0.50%	
	SBE/GS	$241,603.09	1.75%	
Painting and Wall Covering Contractors	SBE/CONS	$71,790.63	0.52%	
Finish Carpentry Contractors	SBE/CONS	$40,037.08	0.29%	
Other Building Finishing Contractors	SBE/CONS	$22,089.43	0.16%	
Site Preparation Contractors	SBE/CONS	$106,305.36	0.77%	
All Other Specialty Trade Contractors	SBE/CONS	$8,283.53	0.06%	
Plumbing, Heating, and Air-Conditioning Contractors	SBE/CONS	$142,200.68	1.03%	
	Total	$931,897.64	6.75%	

MIAMI-DADE COUNTY

Small Business Development Division

Project Worksheet

Project/Contract Title: CDWWTP CHLORINATION FACILITIES CONSENT DECREE PROJECT 2.17

Received Date: 12/10/2015

Project/Contract No: S-890

Funding Source: EW 658, WASD REVENUE BONDS SOL

Department: WATER AND SEWER

Estimated Cost of Project/Bid: $13,740,991.00

Resubmittal Date(s): 12/01/2015

Living Wages: YES [ ] NO [X] **Highway:** YES [ ] NO [X] **Heavy Construction:** YES [ ] NO [X]

Responsible Wages: YES [X] NO [ ] **Building:** YES [X] NO [ ]

Responsible Wages and Benefits applies to all construction projects over $100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.

REVIEW RECOMMENDATION

Tier 1 Set Aside _____ **Tier 2 Set Aside** _____

Set Aside _____ **Level 1** _____ **Level 2** _____ **Level 3** _____

Trade Set Aside (MCC) _____ **Goal** _____ **Bid Preference** _____

No Measure _____ **Deferred** _____ **Selection Factor** _____

CWP _____

SBD Director

12/11/15
Date

SBDR0090 V.20150402

Exhibit B
Item 3

Memorandum

MIAMI-DADE COUNTY
CLERK OF THE BOARD
2016 MAR 28 PM 3:50
CLERK, CIRCUIT & COUNTY CT.
MIAMI-DADE COUNTY, FLA.

Date: March 25, 2016

To: Lester Sola, Director
Water and Sewer Department

From: Zaba S. Castro, Esq.
Assistant Director
Legislative and Municipal Affairs

Subject: Recommendation Approving Award of a Construction Contract for Conversion of Sewage Pump Station No. 418 to Booster Station, Contract No. S-758R

RECOMMENDATION:
Pursuant to the Miami-Dade Water and Sewer Department (WASD) Consent Decree and Capital Improvement Programs Acceleration Ordinance, Section 2-8.2.12 of the Code of Miami-Dade County, it is recommended that the County Mayor or County Mayor's designee approve this contract award recommendation to Metro Equipment Service, Inc. to construct the Conversion of Sewage Pump Station No. 418 to Booster Station, Contract No. S-758R. The total compensation amount is $6,843,320 with a total contract term of 770 days. This contract award recommendation was prepared by the Miami-Dade Water and Sewer Department (WASD).

Section 2-8.2.12 of the Code of Miami-Dade County (i.e. Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Acceleration Ordinance) delegates authority to the County Mayor or County Mayor's designee to award Consent Decree Projects that meet certain conditions. In the case of this contract award recommendation, the base value of this recommended award exceeds the original base estimate by more than 10 percent. The exceedance prompted a secondary review of the original base estimate which resulted in only a 0.20 percent difference between the updated base estimate and the base value of the recommended award. The difference between the original base estimate and the updated base estimate is further described on page five (5) of this award recommendation.

DELEGATION OF AUTHORITY:
The County Mayor or County Mayor's designee is authorized to amend and execute the Contract. Pursuant to the provisions of Sections 2-8.2.12 (4)(d) and (e) of the Code, the County Mayor or County Mayor's designee will have the authority to amend and/or extend the Contract to complete any unfinished work, waive liquidated damages, negotiate and settle claims, and execute change orders that do not exceed ten percent (10%) of the base contract amount.

PROJECT NAME:
Conversion of Sewage Pump Station No. 418 to Booster Station

PROJECT DESCRIPTION:
The work consists of furnishing all labor, equipment and materials, except as specified to be furnished by WASD, for the conversion of Sewage Pump Station 418 to a Booster Station located at 3330 West 76th Street in the City of Hialeah in Miami-Dade County.

The project includes, but is not limited to, removing existing pumps, controls and equipment; installing three (3) 450 horsepower Department-furnished centrifugal sewage pumps, motors and shafts; furnishing and installing variable frequency drives, instrumentation and controls; furnishing and installing two (2) 1,500 kilowatt diesel standby generators, 10,000 gallon above-ground fuel tank and two (2) day tanks; rehabilitating and converting the existing wet well into a dry well; cutting new access openings; furnishing and installing the hydraulic accumulator system; constructing additions to the existing pump station structure for an electrical control room, switchgear room and generator; selective demolition and modification work; removing and disposing of an existing underground fuel tank; removing and disposing of indicated equipment and accessories including, but not limited to, furnishing and installing three (3) 24-inch plug valves, three (3) 20-inch plug valves and three (3) 16-inch ball valves with hydraulic actuators within the pump station; furnishing and installing one (1) 24-inch swing check valve, three (3) 24-inch plug valves and one (1) 24-inch gate valve outside of the pump station; furnishing and installing 36-inch, 30-inch, 24-inch, 20-inch and 16-inch ductile iron pipes and fittings; furnishing and installing all transformer, 5 kilovolt switchgear, main distribution panelboards, disconnects, control panels, and ancillary electrical materials, equipment and accessories; providing the services of a systems integrator; furnishing and installing two (2) 10-ton air conditioning units, ductwork and accessories; constructing a lighting and fire alarm system; furnishing and installing two (2) 2-ton trolley beams, hoist and trolley; removal of an existing 4-ton hoist; modifying associated bridge and steel structure and replacing with a 5-ton hoist and crane system; paving restoration; electrical work; mechanical work; and other appurtenant and miscellaneous items and work for a complete and fully functional installation.

PROJECT LOCATION:
The project is located at 3330 West 76th Street, City of Hialeah, Miami-Dade, Florida.

SMALL BUSINESS DEVELOPMENT (SBD)
REVIEW DATE: 04/28/2010 **SIGNOFF DATE:** 04/28/2010
RESUBMITAL: 10/02/2015 **SIGNOFF DATE:** 10/09/2015

SBD REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES: (See EXHIBIT "A", as attached)

TYPE	GOAL	COMMENT
SBE-Construction	13.25%	The estimated value is the product of the goal percentage multiplied by the sum of the Base Contract Amount plus the Contingency Allowance Amount.
SBE-Goods & Services	4.00%	The estimated value is the product of the goal percentage multiplied by the sum of the Base Contract Amount plus the Contingency Allowance Amount.
CWP	N/A	CWP not applicable. Project is not in a Target Area.

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:
State General Contractor, General Engineering Contractor and/or other equivalent categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

SUBCONTRACTORS AND SUPPLIERS (SECTION 10-34 MIAMI-DADE COUNTY CODE): (See EXHIBIT "B", as attached)

FIRM NAME	SUBCONTRACTOR OR SUPPLIER	SCOPE OF WORK OR MATERIALS &SERVICES
C & I Construction & Design, Inc.	Subcontractor	General Contracting Work
Florida Electric Group	Subcontractor	Electrical
Corcel Corp.	Supplier	Piping & Valves
HD Supply	Supplier	Piping Materials
Ferguson Enterprises	Supplier	Piping Materials

APPLICABLE WAGES: Yes

MANDATORY CLEARING HOUSE: No

PRIMARY COMMISSION DISTRICT: District 12 Jose "Pepe" Diaz

APPROVAL PATH:
Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Acceleration Ordinance Section 2-8.2.12 of the Code of Miami-Dade County.

MANAGING DEPARTMENT: Miami-Dade Water and Sewer Department

FISCAL IMPACT / FUNDING SOURCE: (See EXHIBIT "C", as attached)

Capital Budget Project No. & Description:
964440 – SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS, Book Page: 138, Volume #3, Funding Year: Adopted Capital Budget Book for FY2015-16 and Prior Years' Funds

Funding Sources:
Future WASD Revenue Bonds
WASD Revenue Bonds Sold
2015 WASD Revenue Bonds Sold
Wastewater Connection Charges

OPERATIONS COST IMPACT/FUNDING: $250,000 per year. The funding source for the operating impact is WASD Operating Revenues.

MAINTENANCE COST IMPACT/FUNDING: $200,000 per year. The funding source for the operating impact is WASD Operating Revenues.

LIFE EXPECTANCY OF ASSET: 50 years

PTP FUNDING: No

GOB FUNDING: No

ARRA FUNDING: No

SUSTAINABLE BUILDINGS ORDINANCE: (Ord. No. 07-65)
This project does not qualify for compliance with the Sustainable Buildings Ordinance.

TOTAL CONTRACT PERIOD:
The total contract period is 770 days. It includes a contract term of 700 days and a contingency period of 70 days.

IG FEE INCLUDED IN BASE CONTRACT: Yes

ART IN PUBLIC PLACES: No

BASE CONTRACT AMOUNT: $ 5,764,000

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

Type	AMOUNT	PERCENT
INFRASTRUCTURE	$ 576,400.00	10%

DEDICATED ALLOWANCES:

	AMOUNT	PERCENT
PERMIT FEES	$ 172,920.00	3.00%
FOR ALL COSTS ASSOCIATED WITH PROVIDING AN APPROVED SYSTEMS INTEGRATOR AND FOR SOFTWARE PROGRAMMING	$ 250,000.00	4.34%
FOR ALL COSTS FOR PROVIDING SECURITY GUARDS FROM APPROVED FIRM	$ 50,000.00	0.87%
FOR WET WELL CONCRETE RESTORATION AND FILL IN EXCESS OF THE QUANTITIES IN BID ITEMS 5 AND 6	$ 30,000.00	0.52%

TOTAL DEDICATED ALLOWANCE: $ 502,920.00

TOTAL CONTRACT AMOUNT: $ 6,843,320.00

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

TRACK RECORD / MONITOR/SBD HISTORY OF VIOLATIONS:
Due diligence was conducted by WASD and ISD in accordance with ISD's Procurement Guidelines to determine responsibility, including verifying corporate status and 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 relating to Metro Equipment Service, Inc.'s responsibility. This information is being provided pursuant to Resolution R-187-12.

EXPLANATION:
On December 11, 2015, the Department received and opened six (6) bids (as noted below) in response to an advertisement for a competitive solicitation for this construction contract (See EXHIBIT "D", as attached).

Metro Equipment Service, Inc.	$6,843,320
Comtech Engineering	$7,248,877
PCL Construction	$7,297,580
Ric-Man Construction Florida	$7,382,913
Poole & Kent Company of Florida	$7,332,610
Intercounty Engineering, Inc.	$8,723,245

The responses from the two (2) low bidders, Metro Equipment Service, Inc. and Comtech Engineering, were sent to the Internal Services Department's (ISD) Division of Small Business Development (SBD) for a compliance review of the Small Business Enterprise participation goals assigned to the construction contract. On December 14, 2015, SBD issued the results of its findings and confirmed that both low bidders were in compliance with the contract measures established.

The Department recommends that the project be awarded to the lowest, responsible bidder, Metro Equipment Service, Inc., whose base contract amount is 14.99% above the Engineer's base estimate. Due to the notable difference between the low bidder's base contract amount and the Engineer's base estimate, WASD staff performed a detailed review of the Engineer's base estimate which revealed that the estimate accounted for one (1) 1,500 kilowatt diesel generator when the advertised project scope of work requires furnishing and installing two (2) 1,500 kilowatt diesel generators. After accounting for this oversight, Metro Equipment Service, Inc.'s base contract amount is only 0.20 percent above the revised Engineer's base estimate of $5,752,577 (See EXHIBIT "E"). A copy of SBD's Compliance Review and an executed Schedule of Intent Affidavit showing Metro Equipment Service, Inc.'s commitment to utilize the subcontractors selected to comply with the contract's measures are attached (See EXHIBIT "F").

ISD's Capital Improvements Information System (CIIS) database contains 40 evaluations, attached as EXHIBIT "G", for Metro Equipment Service, Inc. The dates of the evaluations range from 2007 to 2015 with an average overall rating of 3.5 points out of a possible 4 points, which is indicative of above average performance.

The Contract, Collusion Affidavit and the Firm's Responsibility Affidavit (also called "Combined Affidavit") executed by Metro Equipment Service, Inc. are attached as EXHIBIT "H", EXHIBIT "I" and Exhibit "J", respectively.

SUBMITTAL DATE:	12/11/2015
ESTIMATED NOTICE TO PROCEED:	04/25/2016
PRIME CONTRACTOR:	Metro Equipment Service, Inc.
COMPANY PRINCIPAL:	Jorge L. Godoy
COMPANY QUALIFIERS:	Jorge L. Godoy

EMAIL ADDRESS: Jgmetro@bellsouth.net

COMPANY ADDRESS: 9415 SW 72 ST, Suite 131
Miami, FL 33173

YEARS IN BUSINESS: 28 years

PREVIOUS EXPERIENCE WITH THE COUNTY IN THE PAST FIVE (5) YEARS:
According to the Firm History Report provided by ISD's Division of Small Business Development, Metro Equipment Service, Inc. has been awarded twelve (12) construction contracts with the County in the past five (5) years, with a total value of $5,205,842, and no approved change orders to date (See EXHIBIT "K").

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS: No

CONTRACT MANAGER NAME/PHONE/EMAIL:
Isaac Smith / 786-268-5196 / ISMIT01@miamidade.gov

PROJECT MANAGER NAME/PHONE/EMAIL:
George L. Aguiar / 786-552-8138 / GLAGU01@miamidade.gov

BACKGROUND:
This project is one (1) in a series of projects required to comply with the County's current Consent Decree, which was approved by the U.S. District Court for the Southern District of Florida on April 9, 2014 in Case No. 1:12-cv-24400-FAM. Under this Consent Decree, the repair, rehabilitation and upgrade of the County's wastewater system continues to be a regulatory priority.

County Pump Station No. 418 is located at 3330 West 76th Street in the City of Hialeah. For over 15 years, the station has been experiencing high operating pressures mostly due to influent piping originating from three (3) different sources: a 16-inch force main from the City of Hialeah Gardens, a 24-inch force main from the City of Hialeah, and a local gravity system in the City of Hialeah. Some relief was provided when the City of Hialeah constructed and placed into service a new pump station adjacent to Pump Station No. 418, which re-directed flows from the 24-inch force main. Flows from the portion of the local gravity system to the east of West 32nd Avenue will also be re-directed to the new pump station in the City of Hialeah in the near future. Nonetheless, County Pump Station No. 418 has reached the end of its useful life, and a booster station is needed to manage and relieve the station's current operating pressures. The purpose of this project is to convert County Pump Station No. 418 to a booster station that will facilitate the routing of flows to the North District Wastewater Treatment Plant.

SIGNATURE PAGE

For

Conversion of Sewage Pump Station No. 418 to Booster Station

Contract No: S-758R

JENNIFER MOON
OMB DIRECTOR

3/28/16
DATE

APPROVED AS TO LEGAL
SUFFICIENCY

SARAH E. DAVIS
ASSISTANT COUNTY ATTORNEY

3/22/16
DATE

LESTER SOLA, WASD DIRECTOR
ON BEHALF OF MAYOR CARLOS A. GIMENEZ

3/29/16
DATE

MIAMI-DADE COUNTY

Small Business Development Division

Project Worksheet

EXHIBIT "A"

Project/Contract Title: CONVERSION OF SEWAGE PUMP STATION NO. 418 TO BOOSTER STATION

Received Date: 10/02/2015

Project/Contract No: S-758R

Funding Source: WASD REVENUE BONDS

Department: WATER AND SEWER

Resubmittal Date(s): 04/08/2010

Estimated Cost of Project/Bid: $5,390,000.00

Description of Project/Bid: To establish a contract for the conversion of sewage pump station 418 to a booster pump station, located at 3300 west 76 street, in Miami-Dade County, Florida.

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	SBE/GS	4.00%
Goal	SBE/CONS	13.25%

Reasons for Recommendation

This is a resubmittal from April 28,2010 due to a change in the overall scope and estimate (the project was never advertised). The project is now a Consent Decree project and will be processed via the Accelerate Ordinance.

SMALL BUSINESS ENTERPRISE - CONSTRUCTION (SBE/Cons)
An analysis of the factors contained in the project package, as well as the factors contained in Section VI. C., of Implementing Order 3-22 and the responses of certified SBE/Cons firms to the Verification of Availability to Bid process indicates a 13.25% SBE/Cons Subcontractor Goal is appropriate for this contract.

SMALL BUSINESS ENTERPRISE - GOODS & SERVICES (SBE/GS)
An analysis of the factors contained in the project package, as well as the factors contained in section VIII. B., of Implementing Order 3-41 & Ordinance 14-41 indicates a 4.00% SBE/GS Subcontractor Goal is appropriate for the goods & services portion of this contract.

CWP Not Applicable: Not in DTA

Commodity Code: 28539-Generators, Stationary Type (Not Automotive); 67000-Plumbing Equipment, Fixtures, And Supplies; 90656-Landscape Architecture; 98852-Landscaping (Including Design, Fertilizing, Planting, Etc., But Not Grounds Maintenance Or Tree Trimming Services); 99837-Electrical Equipment And Supplies
Trade Category: 236220-Commercial And Institutional Building Construction; 237130-Power And Communication Line And Related Structures Construction; 238120-Structural Steel And Precast Concrete Contractors; 238130-Framing Contractors; 238210-Electrical Contractors And Other Wiring Installation Contractors; 238220-Plumbing, Heating, And Air-Conditioning Contractors; 238290-Other Building Equipment Contractors; 238910-Site Preparation Contractors

Small Business Contract Measure Recommendation

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
Framing Contractors	SBE/CONS	$529,298.00	9.82%	
	SBE/GS	$215,600.00	4.00%	
Site Preparation Contractors	SBE/CONS	$85,701.00	1.59%	
Plumbing, Heating, and Air-Conditioning Contractors	SBE/CONS	$99,176.00	1.84%	
	Total	$929,775.00	17.25%	

Living Wages: YES [ ] NO [X] **Highway:** YES [ ] NO [X] **Heavy Construction:** YES [X] NO [ ]

Responsible Wages: YES [X] NO [ ] **Building:** YES [ ] NO [X]

Responsible Wages and Benefits applies to all construction projects over $100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.

DBDR0090 v.20150402

Small Business Development Division

Project Worksheet

Project/Contract Title: CONVERSION OF SEWAGE PUMP STATION NO. 418 TO BOOSTER STATION

Received Date: 10/02/2015

Project/Contract No: S-758R

Funding Source: WASD REVENUE BONDS

Department: WATER AND SEWER

Resubmittal Date(s): 04/08/2010

Estimated Cost of Project/Bid: $5,390,000.00

REVIEW RECOMMENDATION

Tier 1 Set Aside _____ Tier 2 Set Aside _____

Set Aside _____ Level 1 _____ Level 2 _____ Level 3 _____

Trade Set Aside (MCC) _____ Goal _____ Bid Preference _____

No Measure _____ Deferred _____ ~~Selection Factor~~ _____

CWP _____

SBD Director — Date: 10/9/15

DBDR0090 v.20150402

MEMORANDUM

(Revised)

TO: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

DATE: June 7, 2016

FROM: Abigail Price-Williams
County Attorney

SUBJECT: Agenda Item No. 3(B)(5)

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 ____, 3/5's ____, unanimous _____) 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. 3(B)(5)
6-7-16

RESOLUTION NO. R-456-16

RESOLUTION RATIFYING VARIOUS ACTIONS OF THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE RELATED TO MIAMI-DADE WATER AND SEWER DEPARTMENT'S CONSENT DECREE AND CAPITAL IMPROVEMENT PROGRAMS ACCELERATION ORDINANCE, SECTION 2-8.2.12 OF THE COUNTY CODE, SPECIFICALLY (1) AWARD OF A NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT TO MWH AMERICAS, INC. FOR PROPOSED UPGRADES TO THE MIAMI-DADE CENTRAL DISTRICT WASTEWATER TREATMENT PLANT AND ITS APPURTENANT FACILITIES IN THE AMOUNT OF $8,800,000.00, (2) AWARD OF A CONSTRUCTION CONTRACT TO POOLE & KENT COMPANY OF FLORIDA TO CONSTRUCT THE CENTRAL DISTRICT WASTEWATER TREATMENT PLANT CHLORINATION FACILITIES IN THE AMOUNT OF $13,413,000.00 AND (3) AWARD OF A CONSTRUCTION CONTRACT TO METRO EQUIPMENT SERVICE, INC. FOR CONVERSION OF SEWAGE PUMP STATION NO. 418 TO BOOSTER STATION IN THE AMOUNT OF $6,843,320.00; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE THE PROVISIONS CONTAINED THEREIN

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

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board ratifies the actions of the County Mayor or County Mayor's designee related to Miami-Dade Water and Sewer Department's Consent Decree and Capital Improvement Programs Acceleration Ordinance, as authorized by Section 2-8.2.12 of the Code of Miami-Dade County. Specifically, the Board ratifies: (1) award of a Non-Exclusive Professional Services Agreement to MWH

Americas, Inc. for Proposed Upgrades to the Miami-Dade Central District Wastewater Treatment Plant and its Appurtenant Facilities in the amount of $8,800,000.00; (2) award of a construction contract to Poole & Kent Company of Florida to construct the Central District Wastewater Treatment Plant Chlorination Facilities in the amount of $13,413,000.00; and (3) award of a construction contract to Metro Equipment Service, Inc. for Conversion of Sewage Pump Station No. 418 to Booster Station in the amount of $6,843,320.00. The Board authorizes the County Mayor or County Mayor's designee to exercise the provisions contained therein, including the option to renew and termination provisions, as set forth in the accompanying memorandum and attachments. The contract documents are on file with and are available upon request.

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

Jean Monestime, Chairman	**aye**		
Esteban L. Bovo, Jr., Vice Chairman	**aye**		
Bruno A. Barreiro	**aye**	Daniella Levine Cava	**aye**
Jose "Pepe" Diaz	**aye**	Audrey M. Edmonson	**aye**
Sally A. Heyman	**aye**	Barbara J. Jordan	**aye**
Dennis C. Moss	**aye**	Rebeca Sosa	**aye**
Sen. Javier D. Souto	**aye**	Xavier L. Suarez	**aye**
Juan C. Zapata	**aye**		

The Chairperson thereupon declared the resolution duly passed and adopted this 7th day of June, 2016. 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

By: Christopher Agrippa
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency. SED

Sarah E. Davis