



Miami-Dade Board of County Commissioners  
Office of the Commission Auditor

**Infrastructure and Utilities Committee (IUC) Meeting**

November 14, 2018  
9:30 A.M.  
Commission Chambers

Thomas B. Davis, Esq.  
Director, Policy and Legislation  
Office of the Commission Auditor (OCA)  
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**Research Notes**

**Item No. 2A**  
**File No. 182642**

**Researcher: MF Reviewer: PGE**

RESOLUTION APPROVING, AFTER A PUBLIC HEARING, SIGNIFICANT MODIFICATIONS OF BUILDING BETTER COMMUNITIES GENERAL OBLIGATION BOND PROGRAM PROJECTS NO. 358 - "SW 144TH AVENUE LINEAR GREENWAY" TO REDUCE ITS ALLOCATION BY \$230,000.00 AND NO. 119 - "UNINCORPORATED MUNICIPAL SERVICE AREA – LOCAL PARK IMPROVEMENTS" TO INCREASE ITS ALLOCATION BY \$230,000.00, ALL AS IDENTIFIED IN APPENDIX A TO RESOLUTION NO. R-913-04; WAIVING THE PROVISIONS OF IMPLEMENTING ORDER 3-47 REGARDING THE USE OF SURPLUS FUNDS TO FUND BUDGET SHORTFALLS; DIRECTING THE COUNTY MAYOR OR MAYOR'S DESIGNEE TO USE \$230,000.00 OF PROJECT NO. 119 FUNDS FOR RENOVATIONS AND IMPROVEMENTS TO KENDALE LAKES PARK

**ISSUE/REQUESTED ACTION**

Whether the Board should approve, after a public hearing, significant modification of Building Better Communities – General Obligation Bond Program Project No. 358 – “WS 144<sup>th</sup> Avenue Linear Greenway” to reduce its allocation by \$230,000.00 and Project No. 119 – “Unincorporated Municipal Service Area – Local Park Improvements” to increase its allocation by \$230,000.00 for a new total project allocation of \$2,395,000.00.

**APPLICABLE LEGISLATION/POLICY**

**Resolution No. R-913-04**, adopted by the Board on July 20, 2001, provided for holding of General Obligation Bond Special Election in Miami-Dade County on November 2, 2004 with respect to authorization of not exceeding \$680,258,000 General Obligation Bonds of County to construct and improve park and recreational facilities.

<http://intra/gia/matter.asp?matter=042285&file=false&yearFolder=Y2004>

**Resolution No. R-959-14**, adopted by the Board on November 5, 2014, approved a significant modification of Building Better Communities – General Obligation Bond Program Project No. 119 – “Unincorporated Municipal Service area – Local Park Improvements” – to reduce the allocation by \$835,000.00 and add Project No. 119.1 – “SW 117<sup>th</sup> Avenue Linear Greenway” with an allocation of \$835,000.00 of surplus funds from Project No. 119.

<http://intra/gia/matter.asp?matter=142165&file=true&yearFolder=Y2014>

**Resolution No. R-97-16**, adopted by the Board on February 2, 2016, approved a significant modification of Building Better Communities – General Obligation Bond Program Project No. 119 – “Unincorporated Municipal Service Area – Local Park Improvements” to reduce the allocation of \$2,665,000.00 by \$500,000.00, and add Project No. 358 – “SW 144<sup>th</sup> Avenue Linear Greenway” with an allocation of \$500,000.00 of surplus funds from Project No. 119.

<http://intra/gia/matter.asp?matter=152986&file=true&yearFolder=Y2015>

**Implementing Order 3-47** governs the process for allocation of surplus and other funds from Building Better Communities – General Obligation Bond Program.

<http://www.miamidade.gov/aopdfdoc/aopdf/pdffiles/IO3-47.pdf>

**PROCEDURAL HISTORY**

**Prime Sponsor: Commissioner Joe A. Martinez, District 11**

**Department/Requester: None**

The proposed resolution has no procedural history.

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**ANALYSIS**

The proposed resolution is re-allocating \$230,000.00 for renovations and improvements to Kendale Lakes Park, located at 7850 SW 142<sup>nd</sup> Ave. The impacted Commission District is District 11, which is represented by Commissioner Joe A. Martinez.

Resolution No. R-913-04, adopted by the Board on July 20, 2001, provided for holding of General Obligation Bond Special Election in Miami-Dade County on November 2, 2004 with respect to authorization of not exceeding \$680,258,000 General Obligation Bonds of County to construct and improve park and recreational facilities. One of the projects approved in this resolution was Project No. 119 – “Unincorporated Municipal Service area – Local Park Improvements,” which had an original allocation of \$3,500,000.00. Below are the projects that have been completed using GOB Project 119 funds:

<b>Park</b>	<b>Amount</b>	<b>Scope</b>
Hammocks Community Park	\$160,000	Playground replacement; Recreation Center renovation; new shelter, site furniture, and water fountain
International Gardens Park	\$14,000	Water fountain
Lago Mar Park	\$108,000	Playground replacement
SW 157 <sup>th</sup> Avenue Linear Park	\$826,300	Linear park development
Olympic Park	\$263,600	Walkway lighting; water fountain, park and swale improvements
Sun Lakes Park	\$14,900	Water fountain
Tamiami Lakes Park	\$15,100	Water fountain
Westbrook Park	\$388,500	Playground with shade canopy; walkways, grading and drainage
Westwind Lakes Park	\$797,200	Splash pad; soccer field lighting; La Plaza Columbia; signage and landscaping; ADA door for Recreation Center
<b>Total:</b>	<b>\$2,589,100</b>	

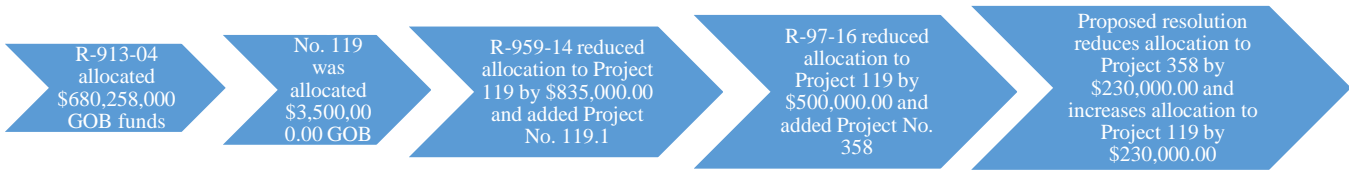
\*Data provided by PROS on November 9, 2018.

Resolution No. R-959-14, adopted by the Board on November 5, 2014, approved a significant modification of Building Better Communities – General Obligation Bond Program Project No. 119 to reduce the allocation by \$835,000.00 and add Project No. 119.1 – “SW 117<sup>th</sup> Avenue Linear Greenway” with an allocation of \$835,000.00 of surplus funds from Project No. 119. Project No. 119.1 was intended to fulfill the need for developed and improved greenways to be used for passive park purposes in District 11, including a greenway along SW 157<sup>th</sup> Avenue between Bird Road/SW42<sup>nd</sup> Street and SW 59<sup>th</sup> Terrace.

Resolution No. R-97-16, adopted by the Board on February 2, 2016, approved a significant modification of Building Better Communities – General Obligation Bond Program Project No. 119 – “Unincorporated Municipal Service Area – Local Park Improvements” to reduce the allocation of \$2,665,000.00 by \$500,000.00, and add Project No. 358 – “SW 144<sup>th</sup> Avenue Linear Greenway” with an allocation of \$500,000.00 of surplus funds from Project No. 119. Project 358 was intended to develop a linear greenway for passive park purposes along SW 144<sup>th</sup> Avenue between Bird Road/SW 42<sup>nd</sup> Street and SW 9<sup>th</sup> Street.

To date, the funds allocated to Project 358 have not been spent. The proposed resolution seeks the Board’s approval of a significant modification of Project No. 358 to reduce its allocation by \$230,000.00 for a new total allocation of \$270,000.00; and to approve a significant modification of Project No. 119 to increase its allocation by \$230,000.00 for a new total allocation of \$2,395,000.00. It further directs the County Mayor to use \$230,000.00 of Project No.119 funds for renovations and improvements to Kendale Lakes Park, located at 7850 SW 142<sup>nd</sup> Ave.

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**ADDITIONAL INFORMATION**

On November 2, 2004, the voters of Miami-Dade County approved the \$2.9 billion Building Better Communities Bond Program which allows the County to issue long-term bonds to fund more than 300 neighborhood and regional capital projects to be completed over the next 15 years.

<https://www.miamidade.gov/bondprogram/building-better-communities.asp>

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**Item No. 2B  
File No. 182463**

**Researcher: JFP Reviewer: TD**

RESOLUTION AMENDING RESOLUTION NO. R-909-16 TO INCREASE ALLOCATION FROM BUILDING BETTER COMMUNITIES GENERAL OBLIGATION BOND PROGRAM PROJECT NUMBER 220 - "ACQUIRE OR CONSTRUCT MULTI-PURPOSE FACILITIES" FROM \$800,000.00 TO \$1,000,000.00 TO FUND DEVELOPMENT OF MULTIPURPOSE FACILITY BY CITY OF MIAMI SPRINGS IN COUNTY COMMISSION DISTRICT 6

**ISSUE/REQUESTED ACTION**

Whether the Board should amend Resolution No. R-909-16 to increase the allocation from the Building Better Communities General Obligation Bond Program for project number 220 – “Acquire or Construct Multi-Purpose Facilities” from \$800,000 to \$1,000,000 to fund the development of a multipurpose facility by the City of Miami Springs in District 6.

**APPLICABLE LEGISLATION/POLICY**

**Resolution No. R-917-04**, adopted by the Board on July 20, 2004, approves a special election for the Building Better Communities Bond Program - To Construct and Improve Public Services Outreach and Facilities.

<http://intra/gia/matter.asp?matter=042289&file=false&yearFolder=Y2004>

**Resolution No. R-909-16**, adopted by the Board on October 5, 2016, approves an allocation of \$800,000 from the Building Better Communities General Obligation Bond Program Project Number 220 - "Acquire or Construct Multi-Purpose Facilities" to fund development of a multi-purpose facility by the City of Miami Springs.

<http://intra/gia/matter.asp?matter=161854&file=true&yearFolder=Y2016>

**PROCEDURAL HISTORY**

**Prime Sponsor: Commissioner Rebeca Sosa, District 6**

**Department/Requester: None**

This item has no procedural history.

**ANALYSIS**

The proposed resolution amends Resolution No. R-909-16 to increase the allocation from the Building Better Communities General Obligation Bond Program for Project Number 220 – “Acquire or Construct Multi-Purpose Facilities” by \$200,000, from \$800,000 to \$1,000,000, to fund the development of a multipurpose facility by the City of Miami Springs in District 6, represented by Commissioner Rebeca Sosa.

Bond Program Project No. 220 was one of the projects listed in Resolution No. R-917-04, approving a special election for the Building Better Communities Bond Program, with a total allocation of \$15,000,000 for the Miami Springs project. Miami-Dade County voters approved the \$2.9 billion Building Better Communities Bond Program on November 2, 2004, allowing the County to issue long-term bonds to fund more than 300 neighborhood and regional capital projects to be completed over the next 15 years. Board Resolution No. R-909-16, adopted on October 5, 2016, approved an allocation of \$800,000 from Project No. 220 to fund the City of Miami Springs’ development of a 10,000-15,000 square foot multi-purpose facility that would include the following:

- an adult day care center,
- meeting rooms,
- multi-purpose community and activity rooms,
- summer camp child care, and
- community services including

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- drivers' license renewals,
- computer classes,
- blood pressure screenings,
- hurricane preparedness workshops, and
- income tax return preparation assistance and counseling.

All facilities and services provided therein are to be constructed, operated, and maintained by the City of Miami Springs.

**ADDITIONAL INFORMATION**

***General Obligation Bonds (GOB)***

General Obligation Bonds (GOB) are a way to finance government capital improvement projects such as those included in the Building Better Communities Bond Program. On November 2, 2004, the voters of Miami-Dade County approved the \$2.9 billion bond program which allows the County to issue long-term bonds to fund more than 300 neighborhood and regional capital projects to be completed over the next 15 years.

The General Obligation Bonds are legally backed by the full faith and credit of the County which has committed future taxes over the next 40 years to repay the bonds. General Obligation bonds typically are the least expensive type of debt available to government.

<https://www.miamidade.gov/bondprogram/>

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**Item No. 3A**  
**File No. 182542**

**Researcher: MF Reviewer: PGE**

RESOLUTION APPROVING, BY A TWO-THIRDS VOTE OF BOARD MEMBERS PRESENT, A CONTRACT FOR SALE AND PURCHASE IN THE AMOUNT OF \$1,315,000.00 BETWEEN EARL M. FOSTER AND NANCY R. FOSTER, AS SELLERS, AND MIAMI-DADE COUNTY, AS BUYERS, FOR APPROXIMATELY 12,900 SQUARE FEET OF DEVELOPED LAND CONTAINING AN OFFICE BUILDING OF 5,792 SQUARE FEET LOCATED AT 7241 SW 168 STREET, PALMETTO BAY, FLORIDA, AND AUTHORIZING THE EXPENDITURE OF UP TO \$20,000.00 FOR CLOSING COSTS TO BE FUNDED FROM BUILDING BETTER COMMUNITIES GENERAL OBLIGATION BOND PROGRAM PROJECT NO. 28 - "CHARLES DEERING ESTATE"; AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE THE CONTRACT FOR SALE AND PURCHASE, EXERCISE ALL RIGHTS CONFERRED THEREIN, TAKE ALL OTHER ACTIONS NECESSARY TO EFFECTUATE SAID PURCHASE; AND ACCEPTING CONVEYANCE OF PROPERTY BY WARRANTY DEED; AND DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO RECORD SUCH DEED

**ISSUE/REQUESTED ACTION**

Whether the Board should approve, by a two-thirds vote of Board members present, a contract for sale and purchase in the amount of \$1,315,000.00 plus closing costs of \$20,000 between Earl M. Foster and Nancy R. Foster, as sellers, and Miami-Dade County, as buyers, for approximately 12,900 square feet of developed land containing an office building of 5,792 square feet located at 7241 SW 168<sup>th</sup> Street, Palmetto Bay.

**APPLICABLE LEGISLATION/POLICY**

**Miami-Dade County Code, Section 2-8.6.5**, governs the purchase, sale and lease of real property.

[https://library.municode.com/fl/miami-dade-county/codes/code-of-ordinances?nodeId=PTIICOOR\\_CH2AD\\_ARTINGE\\_S2-8.6.5PUSALEREPR](https://library.municode.com/fl/miami-dade-county/codes/code-of-ordinances?nodeId=PTIICOOR_CH2AD_ARTINGE_S2-8.6.5PUSALEREPR)

**Resolution No. R-913-04**, adopted by the Board on July 20, 2004, provided for holding of General Obligation Bond Special Election in Miami-Dade County, on November 2, 2004, with respect to authorization of not to exceed \$680,258,000 General Obligation Bonds of the County to construct and improve park and recreational facilities.

<http://intra/gia/matter.asp?matter=042285&file=false&yearFolder=Y2004>

**Resolution No. R-974-09**, adopted by the Board on July 21, 2009, directs that any resolution authorizing the execution of instruments creating a County interest in real property shall require such instruments to be recorded in the public records of Miami-Dade County and attached by the Clerk of the Board to the authorizing resolution.

<http://intra/gia/matter.asp?matter=091900&file=true&yearFolder=Y2009>

**Resolution No. R-963-18**, adopted by the Board on October 2, 2018, approved a significant modification to Building Better Communities – General Obligation Bond Program Project No. 28 – “Charles Deering Estate” as identified in Appendix to Resolution No. R-913-04, after a public hearing.

<http://intra/gia/matter.asp?matter=181983&file=true&yearFolder=Y2018>

**Resolution No. R-953-12**, adopted by the Board on November 8, 2012, directs the County Mayor to consider and analyze whether a vacant parcel of land that is for sale and is adjacent to a park should be purchased by the County to expand such park and, if so, to attempt to acquire the parcel.

<http://intra/gia/matter.asp?matter=122011&file=true&yearFolder=Y2012>

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**PROCEDURAL HISTORY**

**Prime Sponsor: Daniella Levine Cava, District 8**

**Department/Requester: Internal Services**

The proposed resolution has no procedural history.

**ANALYSIS**

This item is requesting Board authorization by a two-thirds vote of the Board members present of a Contract for Sale and Purchase between the County, as Buyer, and Earl and Nancy Foster, as Sellers, for approximately 12,900 square feet of developed land containing an office building of 5,792 square feet located at 7241 SW 168 Street, Palmetto Bay, Florida, in the amount of \$1,315,000 plus \$20,000 in closing costs. The office building will be utilized by Parks, Recreation and Open Spaces for the use of administrative offices, which will increase space within the historic structure and visitor's center. Two appraisals of the property have been conducted, valuing the property at \$1,210,000.00 on March 23, 2017; and at \$1,315,000.00 also on March 23, 2017.

Resolution No. R-913-04, adopted by the Board on July 20, 2018, approved the holding of a special election to authorize the issuance of General Obligation Bonds of the County in an amount not to exceed \$680,258,000. Proceeds from the Bonds were to be used for various, unfunded capital projects, including Project No. 28, "Charles Deering Estate". On November 2, 2004, voters approved the referendum to fund more than 300 capital improvement projects over the next 15 to 20 years throughout the County.

The Charles Deering Estate is a 454-acre metropolitan and heritage park located within Commission District 8. The estate receives approximately 75,000 visitors per year. The original project comprised area-wide improvements including rehydration; south addition improvements, fencing, vehicular and pedestrian circulation; and landscaping.

Resolution No. R-963-18, adopted by the Board on October 2, 2018, approved a significant modification to the project authorizing the use of Bond Program funding to acquire a 12,900 sq. ft. property adjacent to the park that includes a 5,792 sq. ft. building and on-site parking.

Deering Estate Administrative and staff offices are currently located in historic buildings (Richmond Cottage - special events staff; Carriage House - learning program and naturalist staff; Stone House - the director of the Deering Estate and administrative staff). The intent is to relocate the staff located in the historic buildings as well as program staff currently located in the environmental welcome center to:

- open up additional interpretive space for exhibits and visitor programming;
- reduce wear and tear on the historic structures from higher than normal use;
- provide an opportunity to re-use the welcome center offices for an onsite gift shop to generate additional revenue;
- make room for additional staff and volunteers - the staffing levels have increased as the Estate's programming has grown fourfold since reopening post Hurricane Andrew; and
- create greater street exposure to Old Cutler Road, drawing more visitors in to the property.

The funding source for the acquisition for the Charles Deering Estate expansion is the Building Better Communities – General Obligation Bond Program Project No. 28. The estimated annual maintenance and operations cost is \$61,000.00. The funding source for the maintenance will derive from the General Fund.

There are currently five tenants using the subject property. Under the terms of the contract for sale and purchase, the tenants shall vacate the premises by January 31, 2019 (Unit B); April 30, 2019 (Unit E); and May 31, 2019 (Units A, C and D).

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**ADDITIONAL INFORMATION**

On November 2, 2004, the voters of Miami-Dade County approved the \$2.9 billion Building Better Communities Bond Program which allows the County to issue long-term bonds to fund more than 300 neighborhood and regional capital projects to be completed over the next 15 years.

<https://www.miamidade.gov/bondprogram/building-better-communities.asp>

The Deering Estate preserves the 1920s era Miami estate of Charles Deering a Chicago industrialist, early preservationist, environmentalist, art collector and philanthropist. It is a cultural asset and historic site listed on the National Register of Historic Places. The estate is a 21<sup>st</sup> Century museum destination for tourists and local residents, signature events, programs and preservation of the county's history. It is part of the Miami-Dade County Parks, Recreation and Open Spaces Department, which manages the property on behalf of the State of Florida.

<http://www.deeringestate.org/>

**DEPARTMENT INPUT**

The Office of the Commission Auditor posed the following questions to the Parks, Recreation and Open Spaces Department, and received the following answers:

- How many visitors does the Deering Estate receive every year? **The attendance is approximately 75,700 per year.**
- What is the estate's existing acreage and what will be the new acreage if the parcels are acquired? **The existing acreage is 454 acres and the new parcel is 12,900 square feet, about 1/3 of an acre. Of the 12,900 square feet, this includes a building of 5,800 square feet. The building will be used to relocate the staff at the Deering Estate, which is currently using the historic buildings as offices.**
- How will this expansion of the park improve the existing estate? **Deering Estate Administrative and staff offices are currently located in historic buildings (Richmond Cottage - special events staff; Carriage House - learning program and naturalist staff; Stone House - the director of the Deering Estate and administrative staff). The intent is to relocate the staff located in the historic buildings as well as program staff currently located in the environmental welcome center to:**
  - 1. open up additional interpretive space for exhibits and visitor programming;**
  - 2. reduce wear and tear on the historic structures from higher than normal use;**
  - 3. provide an opportunity to re-use the welcome center offices for an onsite gift shop to generate additional revenue;**
  - 4. make room for additional staff and volunteers - the staffing levels have increased as the Estate's programming has grown fourfold since reopening post Hurricane Andrew.**
  - 5. create greater street exposure to Old Cutler Road, drawing more visitors in to the property.**

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**Item No. 3B  
File No. 182537**

**Researcher: JFP Reviewer: TD**

RESOLUTION AUTHORIZING EXECUTION OF A CONTRACT BETWEEN THE CITY OF WEST MIAMI AND MIAMI-DADE COUNTY FOR THE PROVISION OF WHOLESALE SEWAGE DISPOSAL SERVICE FOR A 20 YEAR TERM AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE THE PROVISIONS CONTAINED THEREIN

**ISSUE/REQUESTED ACTION**

Whether the Board should authorize execution of an Interlocal Contract between the City of West Miami and Miami-Dade County for the provision of wholesale sewage disposal service by the Miami-Dade Water and Sewer Department to the City of West Miami (District 6) for a 20-year term.

**APPLICABLE LEGISLATION/POLICY**

N/A

**PROCEDURAL HISTORY**

**Prime Sponsor: None**

**Department/Requester: Water & Sewer Department**

This item has no procedural history.

**ANALYSIS**

The proposed resolution is for Board authorization of an Interlocal Contract to continue the wholesale sewage disposal arrangement between the City of West Miami (City) and the County, which was originally memorialized for a 30-year term ended on February 18, 2016. Since expiration, the City and County have agreed to honor the terms and conditions of the original contract on a month-to-month basis pending the Board's approval of the new Interlocal Contract. The new Interlocal Contract was approved by the City of West Miami Commission on August 15, 2018. The delay in establishing a new contract and reason why the original contract was permitted to expire is unclear.

The new Interlocal Contract before the Board is for a 20-year term. Pursuant to the Interlocal Contract, the County provides sewage disposal service, to the extent capacity is available, to the City by allowing the connection of the City's sewage collection systems to the County's sewage transmission facilities at the following points of connection:

- Pump Station 120 SW 8 Street/65 Avenue
- Pump Station 121 SW 20 Street/67 Avenue

Both points of connection are located in District 6, represented by Commissioner Rebeca Sosa. Additional points of connection may be established upon mutual agreement of the WASD Director and the City. The City bears the entire cost and expense of establishing each additional point of connection. The operation and maintenance of all facilities on the City's side of the master meter connections is the sole responsibility of the City. The County reserves the right to inspect the City's collection and transmission system and take samples of the sewage composition at no cost to the City to determine that the system is being properly maintained.

WASD provides similar services to the Cities of Coral Gables, Hialeah, Hialeah Gardens, Homestead, Medley, Miami, Beach, North Miami, North Miami Beach, and Opa Locka, as well as Florida City, North Bay Village, and the Homestead Air Reserve Base.

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**Item No. 3C  
File No. 182547**

**Researcher: IL Reviewer: PGE**

RESOLUTION AWARDING A DESIGN-BUILD CONTRACT TO PCL CONSTRUCTION, INC. WITH A CONTRACT AMOUNT NOT TO EXCEED \$57,904,062.00 AND A TOTAL CONTRACT TERM OF ONE THOUSAND TWO-HUNDRED EIGHTY-TWO (1,282) DAYS FOR A PROJECT ENTITLED “DESIGN-BUILD SERVICES FOR THE CONSTRUCTION OF THE CENTRAL DISTRICT WASTEWATER TREATMENT PLANT OXYGEN PRODUCTION FACILITY-CONSENT DECREE PROJECT 2.27”; PROJECT NO. DB17-WASD-01; CONTRACT NO. 18PCLCI001; AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR’S DESIGNEE TO EXERCISE THE PROVISIONS OF SECTION 2-8.2.12(4)(D) AND (E) RELATED TO ACCELERATION OF CERTAIN WATER AND SEWER DEPARTMENT CONTRACTS; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR’S DESIGNEE TO EXECUTE THE DESIGN-BUILD CONTRACT AND TO EXERCISE THE TERMINATION AND OTHER PROVISIONS CONTAINED THEREIN

**ISSUE/REQUESTED ACTION**

Whether the Board should approve an award for a Design-Build contract to PCL CONSTRUCTION, INC. with a contract amount not to exceed \$57,904,062.00 and a total contract term of one thousand two-hundred eighty-two (1,282) days for a project entitled “design-build services for the construction of the central district wastewater treatment plant oxygen production facility-consent decree project 2.27” for the Miami-Dade Water and Sewer Department.

**APPLICABLE LEGISLATION/POLICY**

**Chapter 287 of the Florida Statutes**, Acquisition of professional architectural, engineering, landscape architectural, or surveying and mapping services; definitions; procedures; contingent fees prohibited; penalties, will govern how each agency shall publicly announce, in a uniform and consistent manner, each occasion when professional services must be purchased for a project the basic construction cost of which is estimated by the agency to exceed the threshold amount provided in s. 287.017 for CATEGORY FIVE or for a planning or study activity when the fee for professional services exceeds the threshold amount provided in s. 287.017 for CATEGORY TWO, except in cases of valid public emergencies certified by the agency head. The public notice must include a general description of the project and must indicate how interested consultants may apply for consideration.

[http://www.leg.state.fl.us/Statutes/index.cfm?App\\_mode=Display\\_Statute&URL=0200-0299/0287/Sections/0287.055.html](http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&URL=0200-0299/0287/Sections/0287.055.html)

**Section 2-8.1 of the County Code** (Contracts and Purchases Generally) applies to all contracts for public improvements and purchases of all supplies, materials and services other than professional services and (1) requires formal sealed bids for purchases over \$250,000; (2) describes the circumstances under which non-competitive purchases may be approved; (3) establishes requirements for legacy purchases, designated purchases, and single vehicle leases; and (4) provides that procurement procedures shall be established by I.O. and approved by the Board.

[https://library.municode.com/fl/miami-dade-county/codes/code-of-ordinances?nodeId=PTIICOOR\\_CH2AD\\_ARTIINGE\\_S2-8.1COPUGE](https://library.municode.com/fl/miami-dade-county/codes/code-of-ordinances?nodeId=PTIICOOR_CH2AD_ARTIINGE_S2-8.1COPUGE)

**Section 2-8.2.12 (4)(d) and (e) of the County Code** (WASD Consent Decree) provides for the acceleration of Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Program projects, establishes policies and procedures for the approval of contracts related to those projects, specifically the right to amend contracts and extend the time for completion of any contract for construction, materials or professional services, including waivers of liquidated damages and other compensable and/or non-compensable time extensions as well as to negotiate and settle claims, and issue settlement agreement(s) or change orders for additional work under contracts and amendments where: the change order or claim does not exceed ten percent (10%) of the base contract amount; and the contingency allowance shall be utilized to ensure minimal disruption in work flow and shall be documented on the appropriate contingency authorization draw. Change orders shall be submitted to replenish the contingency account in a timely manner; and the limitations provided in (4)(e)(i) above shall not apply to any change order or

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amendment related to emergency actions impacting remediation, public safety, health requirements or recovery from natural disaster.

[https://library.municode.com/fl/miami\\_dade\\_county/codes/code\\_of\\_ordinances?nodeId=PTIICOOR\\_CH2AD\\_ARTINGE\\_S2-8.2.12MIDEWASEDECODECAIMPRACOR](https://library.municode.com/fl/miami_dade_county/codes/code_of_ordinances?nodeId=PTIICOOR_CH2AD_ARTINGE_S2-8.2.12MIDEWASEDECODECAIMPRACOR)

**Section 2-10.4 of the County Code** provides, the rules and regulations associated with the procurement of professional, architectural, engineering, landscape architectural or land surveying and mapping services. Requires a public announcement, submission of qualifications, certification committee, competitive selection committee, and competitive negotiations.

[https://library.municode.com/fl/miami\\_dade\\_county/codes/code\\_of\\_ordinances?nodeId=PTIICOOR\\_CH2AD\\_ARTINGE\\_S2-10.4ACPRARENLAARLASUMASE](https://library.municode.com/fl/miami_dade_county/codes/code_of_ordinances?nodeId=PTIICOOR_CH2AD_ARTINGE_S2-10.4ACPRARENLAARLASUMASE)

**Section 2-10.4(7) of the County Code** provides, Each contract for professional services shall contain a prohibition against contingent fees, as required by Chapter 287, Florida Statutes. For the breach or violation of this provision the County Commission may terminate the agreement without liability or, at its discretion, deduct from the contract price, or otherwise recover, the full amount of such fee, commission, percentage, gift or consideration.

[https://library.municode.com/fl/miami\\_dade\\_county/codes/code\\_of\\_ordinances?nodeId=PTIICOOR\\_CH2AD\\_ARTINGE\\_S2-10.4ACPRARENLAARLASUMASE](https://library.municode.com/fl/miami_dade_county/codes/code_of_ordinances?nodeId=PTIICOOR_CH2AD_ARTINGE_S2-10.4ACPRARENLAARLASUMASE)

**Ordinance 14-79** (Sea Level Rise), adopted on September 3, 2014, amending Section 2-1 of the Code of Miami-Dade County, Florida, to require that in all agenda items related to planning, design and construction of County infrastructure a statement be included that the impact of sea level rise has been considered; providing severability, inclusion in the code, and an effective date.

<http://www.miamidade.gov/govaction/matter.asp?matter=141211&file=true&fileAnalysis=false&yearFolder=Y2014>

**Implementation Order (I.O.) 8-8** (Sustainable Buildings Program), adopted on December 4, 2007, authorizing approval of Implementing Order 8-8: establishing guidelines to further the County's sustainable buildings program initiative; and authorizing the County Mayor or his designee to exercise any and all other rights conferred therein.

<http://www.miamidade.gov/govaction/matter.asp?matter=080263&file=true&fileAnalysis=false&yearFolder=Y2008>

**Implementation Order (I.O.) 3-41**, (SBE Program), establishes procedures related to the Miami-Dade County Small Business Enterprise Program.

<http://www.miamidade.gov/aopdfdoc/aopdf/pdffiles/IO3-41.pdf>

**Implementing Order (I.O.) 3-32**, (Small Business Enterprise Architecture And Engineering

Program): It is the policy of Miami-Dade County that not less than 10% of the County's total annual expenditures of all project specific contracts for professional architectural, landscape architectural, engineering, and surveying and mapping services, shall be expended with CBE-A/E's certified under the CBE-A/E ordinance.

<http://www.miamidade.gov/aopdfdoc/aopdf/pdffiles/IO3-32.pdf>

**Implementing Order (I.O.) 3-22**, (Small Business Enterprise Construction Services Program): Except where Federal or State laws or regulations mandate to the contrary, this Implementing Order governs construction services (including design build, alteration, installation, painting, maintaining or repairing a public improvement), funded in whole or in part by County funds for all Miami-Dade County departments and agencies.

<http://www.miamidade.gov/aopdfdoc/aopdf/pdffiles/IO03-22.pdf>

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**Implementing Order (I.O.) 3-32** (Small Business Enterprise Architecture and Engineering Program) Except where federal or state laws or regulations mandate to the contrary, this Implementing Order applies to all project specific awards, and multiple project contracts as mandated in the CBE-A/E ordinance.

<http://www.miamidade.gov/aopdfdoc/aopdf/pdffiles/IO3-32.pdf>

**Resolution No. R-187-12**, adopted on February 21, 2012, Directs the Mayor to include due diligence information in memoranda recommending certain contract awards.

<http://www.miamidade.gov/govaction/matter.asp?matter=120287&file=true&yearFolder=Y2012>

**Resolution No. R-281-14**, adopted on March 18, 2014, approving Mayor's recommendations relating to proposed Consent Decree with federal and state environmental enforcement agencies and authorizing the Mayor and County Attorney to modify proposed Consent Decree and advise the Court accordingly.

<http://www.miamidade.gov/govaction/matter.asp?matter=140568&file=true&fileAnalysis=false&yearFolder=Y2014>

**Resolution No. R-421-16**, adopted on May 17, 2016, direction the Mayor or Mayor's designee to attach to all items recommending Design and/or Construction Contract Awards of \$1,000,000/00 or greater a list of all County Contracts awarded in the previous three years to the recommended contractor and a summary of County Evaluations of the recommended contractors work.

<http://intra/gia/matter.asp?matter=160124&file=true&yearFolder=Y2016>

### **PROCEDURAL HISTORY**

**Prime Sponsor: None**

**Department/Requester: Water & Sewer Department**

There is no procedural history at this time.

### **ANALYSIS**

This item is requesting Board approval of an award for a Design-Build contract to PCL CONSTRUCTION, INC. with a contract amount not to exceed \$57,904,062.00 and a total contract term of one thousand two-hundred eighty-two (1,282) days for a project entitled "design-build services for the construction of the central district wastewater treatment plant oxygen production facility-consent decree project 2.27".

The Fiscal Impact of this project is not to exceed an amount of \$57,904,062.00 with a term with a term of one thousand two-hundred eighty-two (1,282) calendar days. The base bid contract price is for a lump sum of \$52,655,664.00. The timeline for this project is 1,166 calendar days from the issuance of the notice to proceed. There was a 36.6% increase in cost from what was estimated by the Design Criteria Professional (DCP) (Stantec Consulting, Inc.) and PCL Construction's base price. The DCP conducted an evaluation to identify possible factors for the discrepancy between the values. Three factors influenced the variance, the first factor was that the DCP's estimate was largely based on an Advancement of Cost Consulting (AACE) class 4 estimate (design-build portion was a class 4, the construction ready components ha a Class 2). These level estimates have expected accuracy range o: Low-15% to-30%, High +20% to+50%. The second factor is that only one bid was received. The DCPT based its estimate on a competitive bidding environment with a minimum of 3+ bidders. Having only two bidders can increase the cost from 20% to 30%. The number of bidders that will ultimately propose on a given project is typically affected by the project size, scope and complexity, by the availability of local contractors meeting the required project qualifications, and the availability of a local pool of qualified personnel and tradesmen. The third factor was generated before the new directive to include escalation (estimated at 3% per year) was implemented. The DCP estimate was generated using the 2017 Miami-Dade Responsible Wages rates, while the bid was generated using the 2018 Miami-Dade Responsible Wages based rates. The impact of this change is approximate 5% per year, however some trades far exceed this estimate for example, ironworkers, increased 40% from 2016 to 2017. The projected District to be impacted is Commission District 7, represented by Xavier L. Suarez.

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The RDBS was advertised on July 25, 2017. Two proposals were received in the response to the solicitation. One of the two (PC Construction) withdrew from the competitive selection process for the following reasons: PC Construction felt that there was an inequitable allocation of risk imposed by the current contract provisions that they felt departed from industry standards.. (see the withdrawal letter).

Miami-Dade County has entered into a Consent Decree (United States District Court for the Southern District of Florida, Case No. 1:12-cv-24400-FAM) with the United States, Environmental Protection Agency, the State of Florida, and Florida Department of Environmental Protection to remediate its aging wastewater infrastructure. The purpose of this award is intended to satisfy the requirements identified in the Consent Decree as CD Project 2.27.

PCL Construction, Inc. shall perform the following but not limited to:

- A new building to house the two new 90-ton per day (TPD) Vacuum Pressure Swing Adsorption (VPSA) oxygen production units (Oxygen Building 3). The building footprint shown in the Contract Documents is based on anticipated equipment space requirements and minimum clearances required by the County. PCL Construction, Inc. shall size the building as appropriate for the systems and equipment being supplied, providing the minimum clearances indicated in the Contract Documents and required by the County.
- The building walls shall be constructed of pre-cast concrete un-insulated panels with cast-in-place concrete beams and columns. The roof structure shall be pre-cast concrete twin 'T's'. The finished floor elevations of each area shall comply with requirements set forth in the Contract Documents to comply with WASD's "Design Guide for Hardening Wastewater Treatment Facilities against Flooding from Surge, Sea Level Rise and Extreme Rainfall." The facility shall contain an elevated electrical area, a process equipment area, an operator room, a restroom, a truck bay for loading and unloading of process equipment, an operator parking area, and access roads/paving.
- Two (2) 90 TPD VPSA oxygen production units, which shall fit within the footprint available, and be able to operate under two scenarios: (a) two VPSA units operating together, with cryogenic unit 3 (Cryo 3) acting as a standby, and (b) one VPSA unit and Cryo 3 operating together, with the second VPSA unit acting as a standby.
- Controls and instrumentation equipment, including programming, reliability demonstration, and performance testing. PCL Construction, Inc. shall provide Input/Output list, and a listing of field instruments including a listing of those that are loop powered for fabrication of Remote Terminal Units (RTUs) to be provided by County.
- A system to control the dissolved oxygen concentration in the Plant 1 and Plant 2 reactor tanks, which include dissolved oxygen sensors, gaseous oxygen flow control valves, Cryo 3 gaseous oxygen pressure booster blower, and control system automation.
- Dedicated electrical area to include transformers, feed conduits, and duct banks, to serve the proposed Oxygen Building 3. PCL Construction, Inc. is required to coordinate electrical duct bank routing and connections design with WASD's operation and maintenance staff, and adhere to CD design standards, including generation of duct bank plan and profile drawings.
- Site and Civil work including grading, pavements, drainage, yard piping, and building utilities for the project areas.

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The major elements related to site preparation are described below:

- Construction-Ready Component No. 1 - PCL Construction, Inc. shall provide all resources and professional services to perform the permitting, construction, furnishing of all materials, fabrication/installation, labor, and equipment necessary for the relocation and demolition of electrical conduits, as provided in the Design Criteria Package.
- Construction-Ready Component No. 2 - PCL Construction, Inc. shall provide all resources and professional services to perform the permitting, construction, furnishing of all materials, fabrication/installation, labor, and equipment necessary for the relocation and demolition of utilities, as provided in the Design Criteria Package.
- Construction-Ready Component No. 3 - PCL Construction, Inc. shall provide all resources and professional services to perform the permitting, construction, furnishing of all materials, fabrication/installation, labor, and equipment necessary for the demolition of the existing odor control building (Air Scrubber Building no. 4) and associated foul air piping, as provided in the Design Criteria Package.

The following SBE measures were set for this project:

SBE-Architectural/Engineering 17.13 % I.O. 3-32

SBE – Goods and Services 1.10% I.O. 3-41

SBE- Construction 7.42% I.O. 3-22

OCA performed a search of the technical certifications on the Business Management Workforce System on November 13, 2018, the SBE A&E firms found are listed in the table below:

Technical Certification	Description	SBE A/E Firms
6.03 (Prime)	Water and Sanitary Sewer Systems – Water and Sanitary Sewage Treatment Plants	22 local SBE-A&E certified firms were found on the Business Management Workforce System under the aforementioned Technical Certification
11.00 (Prime)	General Structural Engineering	Non-identified
12.00 (Prime)	General Mechanical Engineering	Non-identified
13.00 (Prime)	General Electrical	Non-identified
16.00 (Prime)	General Civil Engineering	Non-identified
17.00 (Prime)	Engineering Construction Management	Non-identified
9.02 (Other)	Soils, Foundations and Materials Testing – Geotechnical and Materials Engineering Services	11 local SBE-A&E certified firms were found on the Business Management Workforce System under the aforementioned Technical Certification
10.05 (Other)	Contamination Assessment and Monitoring	15 local SBE-A&E certified firms were found on the Business Management Workforce System under the aforementioned Technical Certification
14.00 (Other)	Architecture	Non-identified
15.01 (Other)	Surveying and Mapping – Land Surveying	15 local SBE-A&E certified firms were found on the Business Management

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		Workforce System under the aforementioned Technical Certification
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Pursuant to Resolution No. R-421-16 a PERFORMANCE RECORD verification was conducted by OCA in the Capital Improvements Information System (CIIS): There are 2 performance evaluations in the Capital Improvements Information Systems Database reflecting an average rating of 4.0 points out of 4.

OCA's review of the Mayoral memo reveals an inconsistency: The Mayoral memo states that PCL's firm history report with the County provided by the Internal Services Department, Division of Small Business Development, PCL Construction, Inc. has not been awarded any County contracts. However, the CIIS performance record shows two contracts: Contract No. 592500-06-003-01 for an amount of \$32,549,764.04 for contract period of 1460 calendar days and 592500-12-001 for an amount of \$2,403,221.00 for a contract period of 180 calendar day, for the Parks Recreation and Open Spaces Department. Both contracts yielded a rating of 4.0.

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**Item 3D**  
**File No. 182548**

**Researcher: IL Reviewer: PGE**

RESOLUTION APPROVING AWARD AND AUTHORIZING EXECUTION OF AN ADVANCED METERING INFRASTRUCTURE MAINTENANCE AND SUPPORT AGREEMENT BETWEEN THE COUNTY AND SENSUS USA, INC. WITH A TERM OF THREE YEARS AND TWO ONE-YEAR RENEWAL OPTIONS IN A NOT TO EXCEED AMOUNT OF \$339,613.53; WAIVING COMPETITIVE BIDDING PURSUANT TO SECTION 2-8.1 OF THE MIAMI-DADE COUNTY CODE, SECTION 5.03D OF THE HOME RULE CHARTER AND IMPLEMENTING ORDER 3-38 BY A TWO-THIRDS (2/3) VOTE OF THE BOARD MEMBERS PRESENT; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE SAME AND TO EXERCISE THE PROVISIONS CONTAINED THEREIN

**ISSUE/REQUESTED ACTION**

Whether the Board should waiving competitive bidding by a two-thirds (2/3) vote of the Board members present to approve an award of an advanced metering infrastructure maintenance and support agreement between the County and Sensus USA, Inc. for a term of three years and two, one-year renewal options in an amount not to exceed \$339,613.53 for the Miami-Dade Water and Sewer Department.

**APPLICABLE LEGISLATION/POLICY**

**Section 5.03(D) of the Home Rule Charter** states that contracts for public improvements and purchases of supplies, materials, and services other than professional shall be made whenever practicable on the basis of specifications and competitive bids. The Chairperson of the Board of County Commissioners and not the Mayor shall have all authority provided by this Charter or Board to solicit, evaluate, award or recommend the award of such contract including, but not limited to, the authority to recommend a bid waiver in writing.

<http://www.miamidade.gov/charter/library/charter.pdf>

**Section 2-8.1 of the County Code** (Contracts and Purchases Generally) applies to all contracts for public improvements and purchases of all supplies, materials and services other than professional services and (1) requires formal sealed bids for purchases over \$250,000; (2) describes the circumstances under which non-competitive purchases may be approved; (3) establishes requirements for legacy purchases, designated purchases, and single vehicle leases; and (4) provides that procurement procedures shall be established by I.O. and approved by the Board except that the Board of County Commissioners, upon written recommendation of the Mayor or Mayor's designee, may, by resolution adopted by two-thirds ( 2/3 ) vote of the members present, waive competitive bidding when it finds this is to be in the best interest of the County.

[https://library.municode.com/fl/miami\\_-\\_dade\\_county/codes/code\\_of\\_ordinances?nodeId=PTIICOOR\\_CH2AD\\_ARTIINGE\\_S2-8.1COPUGE](https://library.municode.com/fl/miami_-_dade_county/codes/code_of_ordinances?nodeId=PTIICOOR_CH2AD_ARTIINGE_S2-8.1COPUGE)

**Resolution No. R-143-17**, adopted on February 7, 2017, approved the purchase of software storage services and authorizing the execution of an advanced metering infrastructure maintenance and support agreement between the County and Sensus USA, Inc. with a term of fifteen (15) months with no renewal options in a not to exceed amount of \$66,065.00.00; waiving competitive bidding pursuant to section 2-8.1 of the Miami-Dade County Code and Section 5.03(D) of the Home Rule Charter; and authorizing the County Mayor or County Mayor's designee to execute same and to exercise the provisions contained therein.

<http://www.miamidade.gov/govaction/matter.asp?matter=162921&file=true&fileAnalysis=false&yearFolder=Y2016>

**Resolution No. 841-06**, adopted on July 6, 2006, Directs the Mayor to seek approval for award of successor contracts or extensions 30 days prior to contract expiration.

<http://www.miamidade.gov/govaction/matter.asp?matter=061720&file=true&yearFolder=Y2006>

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**Resolution No. 63-14**, adopted on January 22, 2014, Directs the Mayor to require certain affidavits as part of the due diligence conducted on recommended vendor prior to contract award.

<http://www.miamidade.gov/govaction/matter.asp?matter=131840&file=true&fileAnalysis=false&yearFolder=Y2013>

**Resolution No.140-15**, adopted on February 3, 2015, Directs the Mayor to conduct a full review of the scope, prior to the re-procurement of replacement contracts for goods or services to ensure such contracts reflect the current needs of the County, to include information in recommendations to the Board, and to consult with the Small Business Development Division regarding solicitation contract language.

<http://www.miamidade.gov/govaction/matter.asp?matter=150090&file=true&yearFolder=Y2015>

Resolution No. 477-18, adopted on May 1, 2018, Directing The County Mayor or County Mayor's Designee To Disclose To Board Reasons Goods and Services are not being procured through local businesses when recommendation is to award contract to non-local vendor or establish a prequalification pool of vendors where less than 75% of the pool members are local businesses.

<http://www.miamidade.gov/govaction/matter.asp?matter=180822&file=true&fileAnalysis=true&yearFolder=Y2018>

**Resolution No. 187-12**, adopted on February 21, 2012, Directs the Mayor to include due diligence information in memoranda recommending certain contract awards.

<http://www.miamidade.gov/govaction/matter.asp?matter=120287&file=true&yearFolder=Y2012>

**Resolution No. 63-14**, adopted on January 22, 2014, Directs the Mayor to require certain affidavits as part of the due diligence conducted on recommended vendor prior to contract award.

<http://www.miamidade.gov/govaction/matter.asp?matter=131840&file=true&fileAnalysis=false&yearFolder=Y2013>

**Implementing Order No. 3-38** sets forth the County's processes and procedures for the purchase of goods and services. The I.O. outlines: the roles and responsibilities of the Internal Services Department; the methods of purchasing goods and services; the authority to award and modify contracts; and the requirements for access contracts, emergency purchases, bid waivers, confirmation purchases and sole sources.

<http://www.miamidade.gov/aopdfdoc/aopdf/pdffiles/IO3-38.pdf>

## **PROCEDURAL HISTORY**

**Prime Sponsor: None**

**Department/Requester: Water & Sewer Department**

This item was previously before the Infrastructure Utility Committee on September 12, 2018 and was withdrawn.

## **ANALYSIS**

This item is requesting Board approval of a bid waiver contract awarding an advanced metering infrastructure maintenance and support agreement to Sensus USA, Inc. for a term of three (3) years and two (2), one (1) year renewal options for a value of up to \$339,613.53. WASD is requesting waiver of the competitive bidding process because it will provide a significant cost savings to the County.

In 2012, WASD selected the City of Miami Springs (City) to initiate the AMI pilot program. The department installed 4,200 Sensus smart meters on both residential and commercial properties within the City and started monthly billing for these City customers. As a result, monthly billing has been implemented in the City as opposed to quarterly billing which is generally used throughout the County. Additionally, WASD deployed 67 smart meters for its wholesale water customers in 2007, and approximately 30 meters in parks managed by the Miami Dade Parks, Recreation and Open Spaces department (PROS) in 2014. These smart meters allowed WASD and PROS to view consumption patterns and characteristics, system peak flows and to generate reports with meter readings on an hourly basis.

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## Research Notes

In February 2017, the Board approved an Advanced Metering Infrastructure Maintenance and Support Agreement (2017 Agreement) with Sensus for a term of 15 months with no renewal options. The value of that agreement was \$66,065.00. That agreement expired in May 2018, however Sensus and WASD have been honoring the terms and conditions of the 2017 agreement on a month to month basis in anticipation of the proposed AMI agreement's approval by the Board.

The Fiscal Impact of this project is not to exceed an amount of \$339,613.53 with a term of three (3) years and two (2) one (1) year renewal options. The expenditure will be broken-up into five (5) years as follows: \$195,255.00 for the initial three (3) year term and \$71,116.21 for the first renewal and \$73,242.32 for the second renewal option. WASD **operating** revenues is the designated funding source for this project. The projected District to be impacted is Commission District 12, represented by Jose "Pepe" Diaz.

### Fixed Pricing – Three (3) Year Term

Quantity	Description	Unit Price	Extended Price
4339	Annual Flexnet Regional Network Interface Software as a Service Fee (up to 10k meters)	\$6.00	\$26,034.00
4339	Annual Network as a Service (up to 10k meters)	\$9.00	\$39,051.00
		<b>Annual total</b>	<b>\$ 65,085.00</b>
		<b>Total 3yr Term</b>	<b>\$195,255.00</b>

### Fixed Pricing – Year Four (4) Option to renew

Quantity	Description	Unit Price	Extended Price
4339	Annual Flexnet Regional Network Interface Software as a Service Fee (up to 10k meters)	\$6.65	\$28,854.35
4339	Annual Network as a Service (up to 10k meters)	\$9.74	\$42,261.86
		<b>Annual Total</b>	<b>\$71,116.21</b>

### Fixed Pricing – Year Five (5) Option to renew

Quantity	Description	Unit Price	Extended Price
4339	Annual Flexnet Regional Network Interface Software as a Service Fee (up to 10k meters)	\$6.93	\$30,069.27.00
4339	Annual Network as a Service (up to 10k meters)	\$9.95	\$43,173.05
		<b>Annual Total</b>	<b>\$73,242.32</b>

**5 year grand total**

**\$339,613.53**

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The purpose of this agreement to maintain the continuation of “Software as a Service” which consists of software and hardware maintenance, data storage capacity and performance management, database management, incident and problem management, security management, and backup and disaster recovery management. According to the mayoral memo, the proposed AMI agreement will provide the County with additional time to consider different strategies for the County-wide implementation of the AMI system. WASD is working with the Information Technology Department (ITD), weighing the advantages and disadvantages of having a single vendor provide a total solutions package or having multiple vendors provide the key products and services. WASD is exploring options for a long-term countywide solutions that would minimize Sensus from becoming a legacy.

The timeline below is intended to show the historical track of this agreement:

**Time Line**

Effective Date	Term	Annual Allocation	Total Value of the Contract
The expired February 07 2017 agreement	15 Months with no option to renew	\$52,851.96	\$ 66,065.00
The proposed AMI agreement (two one year options-to-renew)	5 Year term including options-to-renew	\$67,922.71	\$339,613.53
<b>Total</b>	6 year and 3months	A difference of <b>\$ 15,070.75</b> on the annual allocation value	<b>\$405,678.53</b>

Under the contract, Sensus is required to provide:

- Sell WASD automated meter reading equipment;
- Provide technical and project management support;
- Provide Software as a service; and
- Provide Network as a service.

MDWASD is required to provide:

- Coordinate and schedule any changes submitted by Sensus to the system in accordance with standard configuration and change management procedures;
- Log incidents related to the managed application with Sensus personnel via email, web portal ticket entry, or phone call;
- Responsible for customer billing system for billing or other analysis;
- Responsible for local area network configuration, management, and support;
- Identify and research problems with meter reads and meter read performance;
- Investigate application operation issues (e.g. meter reads, reports, alarms, etc.);and
- Perform firmware upgrades over-the-air or delegate and monitor field personnel for on-site upgrades.

Sensus USA Inc., was checked and verified in sunbiz, Florida’s Division of Corporations website.

OCA performed a search for commodity code 73012 (Computer automated measurement and control (CAMAC) systems and devices) on the Business Management Workforce System’s Certified Vendor Directory on November 13, 2018. Listed below are the local SBEs identified :

- |                                      |                   |         |
|--------------------------------------|-------------------|---------|
| • Electropower Utility Sales Company | Miami, FL         | SBE-G&S |
| • Mosscorp Corporation,DBA PCHELP365 | Miami Gardens, FL | SBE-G&S |