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

Memorandum

MIAMI-DADE COUNTY

Date: March 6, 2012

To: Honorable Chairman Joe A. Martinez
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor

Agenda Item No. 8(F)(5)

Resolution No. R-205-12

Subject: Resolution Waiving Formal Bid Procedures for Water and Sewer Emergency Contracts

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Recommendation

It is recommended that the Board of County Commissioners (Board) waive competitive bidding procedures for the attached contracts to purchase goods and services pursuant to Section 2-8.1 of the County Code and Section 5.03(D) of the Home Rule Charter, in the best interest of Miami-Dade County.

Scope

The impact of the item in the attached Bid Waiver Package is countywide in nature.

Fiscal Impact/Funding Source

All emergency purchases in this item are for water and sewer needs, which are covered by the Water and Sewer Department's proprietary revenues.

Track Record/Monitor

There are no known performance issues with the vendors recommended for award in the attached Bid Waiver Package. The department's contract managers are also reflected in the attached Bid Waiver agenda item.

Delegated Authority

If this item is approved, the County Mayor or County Mayor's designee will have the authority to extend contracts for purchase of goods and services in accordance with the terms and conditions of the contracts listed in the attached Bid Waiver Package.

Background

Section 1 - EMERGENCY PURCHASES

An emergency purchase is an unforeseen or unanticipated urgent and immediate need for goods or services where the protection of life, health, safety or welfare of the community, or the preservation of public properties, would not be possible using other purchasing methods described in Administrative Order 3-38.

Item 1: **Assessment of Water Mains** waives formal bid procedures and ratifies an emergency contract for purchase of internal inspection, assessment, and reporting services for critical water mains for the Miami-Dade Water and Sewer Department. The amount being requested is **$1,946,256**.

Item 2: **Assessment of Wastewater Force Mains** waives formal bid procedures and ratifies an emergency contract for purchase of internal inspection, assessment, and reporting services for critical wastewater force mains for the Miami-Dade Water and Sewer Department. The amount being requested is **$353,420**.

Item 3: Assessment of a Wastewater Main Located at Government Cut waives formal bid procedures and ratifies an emergency contract for purchase of inspection, assessment, and reporting services for a 54" wastewater main for the Miami-Dade Water and Sewer Department. The amount being requested is **$196,068**.

Item 4: Assessment of a Wastewater Main Located in the Area of NW 156th Street and Biscayne Boulevard waives formal bid procedures and ratifies an emergency contract for purchase of inspection, assessment, and reporting services for a 72" wastewater main for the Miami-Dade Water and Sewer Department. The amount being requested is **$460,703**.

Item 5: Assessment of Wastewater Mains waives formal bid procedures and ratifies an emergency contract for purchase of inspection, assessment, and reporting services for two treated water mains and a raw water main for the Miami-Dade Water and Sewer Department. The amount being requested is **$1,634,810**.

Item 6: Rehabilitation of 48" and 60" Pipe Around the Area of SW 56th Street and SW 124th Avenue waives formal bid procedures and ratifies an emergency contract for purchase of rehabilitation services for a water main for the Miami-Dade Water and Sewer Department. The amount being requested is **$1,195,000**.

Item 7: Rehabilitation of 48" and 54" Pipe Around the Area of West 4th Avenue (Red Road) and West 40th Place in Hialeah waives formal bid procedures and ratifies an emergency contract for purchase of rehabilitation services for a water main for the Miami-Dade Water and Sewer Department. The amount being requested is **$2,156,000**.

Item 8: Ferric Chloride and Ferrous Sulfate waives formal bid procedures and ratifies and emergency contract for purchase of ferric chloride and ferric sulfate for removal and control of struvite at the Miami-Dade Water and Sewer Department Central District Wastewater Treatment Plant. The amount being requested is **$500,000**.

Section 2 - MODIFICATIONS

A non-competitive contract modification is a supplemental allocation for goods or services that exceed the scope of the original contract allocation, or a modification of an established non-competitive contract, representing a waiver of the competitive bidding process under Administrative Order 3-38.

Item 9: Rehabilitation of 72' Wastewater Force Main at NW 156th Street and Biscayne Canal modifies this contract for additional spending authority to allow the Miami-Dade Water and Sewer Department to complete the rehabilitation of a wastewater force main. The additional funding being requested is **$1,034,507**.

Deputy Mayor

Item 1

Contract No.: E9575-WS

Contract Title: **Assessment of Water Mains**

Description: To waive formal bid procedures and ratify an emergency contract award to allow the Miami-Dade Water and Sewer Department to purchase internal inspection, assessment, and reporting services for critical water mains.

Contract Term: Upon completion

Contract Value: $1,946,256

Using/Managing Departments and Funding Sources:

Department	Allocation	Funding Sources	Contract Managers
Water and Sewer	$1,946,256	Proprietary Funds	Gregory Hicks
Total:	**$1,946,256**		

JUSTIFICATION

The Miami-Dade Water and Sewer Department (WASD) Director certified an emergency to meet an urgent need to inspect and assess approximately 27.81 miles of Prestressed Concrete Cylinder Pipe (PCCP) to identify vulnerabilities, and repair or replace the PCCP before it breaks.

During the past 18 months, the County has experienced unforeseen pipe ruptures in large diameter water and wastewater mains made of PCCP. As a precautionary measure, WASD inventoried operational PCCP of the same make, type, and vintage of other PCCPs that have experienced catastrophic failures. The inventory of suspect PCCP includes: 7.17 miles of a raw water at the Southwest Wellfield (SW 127th Avenue between SW 72nd Street and SW 88th Street), 0.75 miles of a treated water main at SW 64th Street (beginning at the Alexander Orr Water Treatment Plant), 9.28 miles of a raw water main at the West Wellfield, and 10.61 miles of a treated water main at NW 10th Avenue and NW 67th Street navigating to NE 18th Avenue and NE 191st Street. These mains have been declared critical because the integrity of the drinking water system would be compromised should they experience a rupture. Rupture consequences include multiple, or possibly, county-wide boil water advisories, and a sanitary health crisis that could affect all 2.4 million County residents.

To assess the integrity of the operational water mains, WASD ordered emergency testing and assessment. Using a non-destructive patented technology called Pipe Diver and Remote Field Transformer Coupling and Technology (RFTCT), Pure Technologies US, Inc. has provided detailed assessment reports on the internal condition of the PCCP. The reports quantify broken prestressing wires within each segment of PCCP, and rank the segments according to likelihood of failure. Upon receipt of the reports, WASD has taken all necessary action to mitigate any risk

of rupture. The proactive action of obtaining these services on an emergency basis allowed WASD to avert a catastrophic rupture.

Vendor	**Address**	**Principal**
Pure Technologies US, Inc. (Non-Local Vendor)	8920 State Route 108, Suite B Columbia, MD 21045	John Elliott

Performance Data:	There are no performance issues with the awarded firm.
Compliance Data:	There are no compliance issues with the awarded firm.
Contract Measure:	No Measure – Emergency Purchase
Local Preference:	The Local Preference was not applied as this is an emergency purchase.
Living Wage:	The services being provided are not covered under the Living Wage Ordinance.
User Access Program:	This contract includes the User Access Program provision. The 2% program discount is being collected on this purchase.
Procurement Contracting Officer:	Maggie Reynaldos

Item 2

Contract No.: E9579-WS

Contract Title: **Assessment of Wastewater Force Mains**

Description: To waive formal bid procedures and ratify an emergency contract award to allow the Miami-Dade Water and Sewer Department to purchase internal inspection, assessment, and reporting services for a critical wastewater force main.

Contract Term: Upon completion

Contract Value: $353,420

Using/Managing Departments and Funding Sources:

Department	Allocation	Funding Sources	Contract Managers
Water and Sewer	$353,420	Proprietary Funds	Gregory Hicks
Total:	**$353,420**		

JUSTIFICATION

The Water and Sewer Department (WASD) Director certified an emergency purchase to inspect and assess approximately 5.05 miles of Prestressed Concrete Cylinder Pipe (PCCP) to identify vulnerabilities and repair or replace the PCCP before it breaks.

During the past 18 months, Miami-Dade County has experienced unforeseen pipe ruptures in large diameter water and wastewater mains made of PCCP. As a precautionary measure, WASD inventoried operational PCCP of the same make, type and vintage of other PCCPs that have experienced catastrophic failures. The inventory of suspect PCCP includes a 54" wastewater force main located from SW 280th Street and SW 112th Avenue navigating to the South District Wastewater Treatment Plant (8950 SW 232nd Street). This wastewater main was declared critical because the wastewater transmission system has no alternate route to divert wastewater flow should the PCCP experience a rupture. A rupture along this stretch of pipe would create a spill of raw sewage flowing into the surrounding areas. It is estimated that a rupture would spill approximately 10 million gallons of raw sewage until an emergency containment is achieved, and 20 million to 30 million gallons per day until the PCCP could be repaired or replaced.

To assess the integrity of the operational wastewater main, WASD ordered emergency testing and assessment to begin on December 6th, 2011. Using Pipe Diver and Remote Field Transformer Coupling Technology (RFTCT), a non-destructive patented technology, Pure Technologies will provide detailed assessment reports on the internal condition of the PCCP. The reports will quantify broken prestressing wires within each segment of PCCP, and will rank the segments according to likelihood of failure. Upon receipt of the reports, WASD will take all necessary actions to mitigate any risk of rupture.

A negotiated contract for the provision of future Pipe Diver and Remote Field Transformer Coupling Technology (RFTCT) inspections and assessments is scheduled for Internal Management and Fiscal Responsibility Committee in December. Obtaining these services on an emergency basis allowed WASD to take appropriate action to avert a catastrophic rupture.

Vendor	**Address**	**Principal**
Pure Technologies U.S., Inc. (Non-Local vendor)	8920 State Route 108, St. B Columbia, MD 21045	Mark Holley

Performance Data:	There are no performance issues with the awarded firm.
Compliance Data:	There are no compliance issues with the awarded firm.
Contract Measure:	No Measure – Emergency Purchase
Local Preference:	The Local Preference was not applied as this is an emergency purchase.
Living Wage:	The services being provided are not covered under the Living Wage Ordinance.
User Access Program:	This contract includes the User Access Program provision. The 2% program discount is being collected on this purchase.
Procurement Contracting Officer:	Maggie Reynaldos

Item 3

Contract No.: E9548-WS

Contract Title: **Assessment of a Wastewater Main Located at Government Cut**

Description: To waive formal bid procedures and ratify an emergency contract award for the Water and Sewer Department for the immediate purchase of inspection, assessment, and reporting services for a 54" wastewater main.

Contract Term: Upon completion

Contract Value: $196,068

Using/Managing Departments and Funding Sources:

Department	Allocation	Funding Sources	Contract Managers
Water and Sewer	$196,068	Proprietary Funds	Gregory Hicks
Total:	**$196,068**		

JUSTIFICATION

The Water and Sewer Department (WASD) Director certified an emergency purchase to inspect and assess approximately two miles of 54" Prestressed Concrete Cylinder Pipe (PCCP) located in Government Cut Channel.

A wastewater pipeline needed to be moved because it obstructs Miami-Dade County's plans to provide the Port of Miami access for the world's largest cargo vessels. The $42 million project will lower the pipeline that begins at the southern end of Jefferson Avenue (near South Point Drive) in Miami Beach, traverses Government Cut Channel (between Miami Beach and Fisher Island) and proceeds towards the Central District Wastewater Treatment Plant.

The PCCP used for this pipeline was recently identified as being of the same make, type and vintage of other PCCPs that have experienced catastrophic failures within the last year. An immediate assessment of the PCCPs condition was imperative, prior to any moving, dredging, or construction activity in the proximity of the Port of Miami.

Working with the City of Miami Beach, which will share the financial responsibility for this project, WASD has obtained an emergency proposal to assess the PCCPs condition. Using Pipe Diver and Remote Field Transformer Coupling Technology (RFTCT), a non-destructive patented technology, Pure Technologies will provide a detailed assessment report on the internal condition of the PCCP. The report will quantify broken prestressing wires within each segment of PCCP, and rank the segments according to likelihood of failure. The inspection, assessment, and report process will be completed within 48 hours of the notice to proceed. Upon receipt of the report, WASD will take all necessary actions to mitigate any risk of rupture.

The County is in final negotiations to contract for the provision of Pipe Diver and Remote Field Transformer Coupling Technology (RFTCT) inspections and assessments. However, being proactive and obtaining these services on an emergency basis allowed WASD to take appropriate action to avert a catastrophic wastewater spill.

Vendor	**Address**	**Principal**
Pure Technologies U.S., Inc. (Non-Local vendor)	8920 State Route 108, St. B Columbia, MD 21045	Mark Holley

Performance Data:	There are no performance issues with the awarded firm.
Compliance Data:	There are no compliance issues with the awarded firm.
Contract Measure:	No Measure – Emergency Purchase
Local Preference:	The Local Preference was not applied as this is an emergency purchase.
Living Wage:	The services being provided are not covered under the Living Wage Ordinance.
User Access Program:	This contract includes the User Access Program provision. The 2% program discount is being collected on this purchase.
Procurement Contracting Officer:	Maggie Reynaldos

Item 4

Contract No.: E9549-WS

Contract Title: **Assessment of a Wastewater Main Located in the Area of NW 156th Street and Biscayne Boulevard**

Description: To waive formal bid procedures and ratify an emergency contract award for the Miami-Dade Water and Sewer Department for the immediate purchase of inspection, assessment, and reporting services for a 72" wastewater main.

Contract Term: Upon completion

Contract Value: $460,703

Using/Managing Departments and Funding Sources:

Department	Allocation	Funding Sources	Contract Managers
Water and Sewer	$460,703	Proprietary Funds	Gregory Hicks
Total:	**$460,703**		

JUSTIFICATION

The Water and Sewer Department (WASD) Director certified an emergency purchase to inspect and assess approximately five miles of 72" Prestressed Concrete Cylinder Pipe (PCCP) located in the area of NW 156th Street and Biscayne Boulevard.

On June 18, 2010, a wastewater force main ruptured in the area of NW 156th Street and Biscayne Boulevard resulting in the spill of 15 million gallons of untreated wastewater into Biscayne Canal. The repair to the affected area required not only replacing the affected segment, but repairing and replacing adjacent sections of the wastewater force main. By June 28, 2010 all necessary repairs had been completed and the force main was placed into active service.

The force main's rupture was unexpected, and WASD needed to study the pipeline to determine the cause of the failure and prevent future occurrences. To assure the integrity of the 72" force main, WASD ordered emergency testing and assessment of the operational force main. Using Pipe Diver and Remote Field Transformer Coupling Technology (RFTCT), a non-destructive patented technology, Pure Technologies will provide a detailed assessment report on the internal condition of the PCCP force main. The report will quantify broken prestressing wires within each segment of PCCP, and will rank the segments according to likelihood of failure. Upon receipt of the report, WASD will take all necessary actions to mitigate any risk of rupture.

A negotiated contract for the provision of future Pipe Diver and Remote Field Transformer Coupling Technology (RFTCT) inspections and assessments is scheduled for Internal Management and Fiscal Responsibility Committee approval in December 2011. Obtaining these services on an emergency basis allowed WASD to take appropriate action to avert a catastrophic rupture.

Vendor	Address	Principal
Pure Technologies U.S., Inc. (Non-Local vendor)	8920 State Route 108, St. B Columbia, MD 21045	Mark Holley

Performance Data:	There are no performance issues with the awarded firm.
Compliance Data:	There are no compliance issues with the awarded firm.
Contract Measure:	No Measure – Emergency Purchase
Local Preference:	The Local Preference was not applied as this is an emergency purchase.
Living Wage:	The services being provided are not covered under the Living Wage Ordinance.
User Access Program:	This contract includes the User Access Program provision. The 2% program discount is being collected on this purchase.
Procurement Contracting Officer:	Maggie Reynaldos

Item 5

Contract No.: E9563-WS

Contract Title: **Assessment of Waste Water Mains**

Description: To waive formal bid procedures and ratify an emergency contract award for the immediate purchase of internal inspection, assessment, and reporting services for two treated water mains and a raw water main.

Contract Term: Upon completion

Contract Value: $1,634,810

Using/Managing Departments and Funding Sources:

Department	Allocation	Funding Sources	Contract Managers
Water and Sewer	$1,634,810	Proprietary Funds	Gregory Hicks
Total:	**$1,634,810**		

JUSTIFICATION

The Water and Sewer Department (WASD) Director certified an emergency purchase to inspect and assess approximately 24.5 miles of Prestressed Concrete Cylinder Pipe (PCCP) to identify vulnerabilities and repair or replace the PCCP before rupture.

During the past 18 months, Miami-Dade County has experienced unforeseen pipe ruptures in large diameter water and wastewater mains made of PCCP. As a precautionary measure WASD inventoried operational PCCP of the same make, type and vintage of other PCCPs that have experienced catastrophic failures. The inventory of suspect PCCP includes 16.5 miles of treated water main that supplies drinking water to the residents of southern Miami-Dade County, and eight miles of raw water main that supplies the Hialeah and Preston Water Treatment Plants, which will treat the raw water and supply drinking water to the residents in northern areas of the County. Should either main experience a rupture, the integrity of the drinking water system would be compromised to various degrees, depending upon the location and severity of the break. Rupture consequences include boil water advisories, and a sanitary health crisis that could impact all County residents.

To assess the integrity of the operational water mains, WASD ordered emergency testing and assessment. Using Pipe Diver and Remote Field Transformer Coupling Technology (RFTCT), a non-destructive patented technology, Pure Technologies will provide detailed assessment reports on the internal condition of the PCCP. The reports quantify broken prestressing wires within each segment of PCCP, and rank the segments according to likelihood of failure. Upon receipt of the reports, WASD will take all necessary actions to mitigate any risk of rupture.

A negotiated contract for the provision of Pipe Diver and Remote Field Transformer Coupling Technology (RFTCT) inspections and assessments is scheduled for Internal Management and

Fiscal Responsibility Committee approval in December 2011. Obtaining these services on an emergency basis allowed WASD to avert a catastrophic rupture.

Vendor	Address	Principal
Pure Technologies U.S., Inc. (Non-Local vendor)	8920 State Route 108, St. B Columbia, MD 21045	Mark Holley

Performance Data:	There are no performance issues with the awarded firm.
Compliance Data:	There are no compliance issues with the awarded firm.
Contract Measure:	No Measure – Emergency Purchase
Local Preference:	The Local Preference was not applied as this is an emergency purchase.
Living Wage:	The services being provided are not covered under the Living Wage Ordinance.
User Access Program:	This contract includes the User Access Program provision. The 2% program discount is being collected on this purchase.
Procurement Contracting Officer:	Maggie Reynaldos

Item 6

Contract No.: E9545-WS

Contract Title: **Rehabilitation of 48" and 60" Pipe Around the Area of SW 56th Street and SW 124th Avenue**

Description: To waive formal bid procedures and ratify an emergency contract award for the immediate purchase of urgent rehabilitation services for a water main.

Contract Term: Upon completion

Contract Value: $1,195,000

Using/Managing Departments and Funding Sources:

Department	Allocation	Funding Sources	Contract Managers
Water and Sewer	$1,195,000	Proprietary Funds	Gregory Hicks
Total:	**$1,195,000**		

JUSTIFICATION

The Water and Sewer Department (WASD) Director certified an emergency purchase to rehabilitate 17 segments of Prestressed Concrete Cylinder Pipe (PCCP) that are a part of a raw water main located in the area of SW 56 Street and SW 124th Avenue.

WASD is currently inspecting all large diameter Prestressed Concrete Cylinder Pipe (PCCP) within the Miami-Dade piping infrastructure. Using Pipe Diver and Remote Field Transformer Coupling Technology (RFTCT), a non-destructive patented technology, WASD obtains detailed assessment reports on the internal condition of pipe segments. These reports quantify broken prestressing wires within each segment, and rank the segments in priority category. A PCCP segment categorized as Priority One is at high or very high risk of imminent and catastrophic rupture and failure. A segment categorized as Priority Two has significant prestressing wire degradation and will likely fail within a relatively short period of time. Fifteen segments of a raw water main pipe located in the area of SW 56th Street and SW 124th Avenue were categorized as Priority One in a draft assessment report, and two segments were categorized as Priority Two. All segments were scheduled for replacement or rehabilitation.

On the afternoon of May 3, 2011 two of the segments ruptured at SW 56th Street and SW 124th Avenue. The break resulted in a surging torrent of water that, within minutes, eroded the median and traffic lanes, flooded homes and businesses, created a sinkhole that trapped an empty school bus, and rendered the affected area unsuitable for mobile or foot traffic. WASD quickly stopped the water flow, isolated the area, pumped out the flood, restored water service. A contractor was hired to assist with the urgent repairs, replace 60 linear feet of damaged pipe, and restore the area to its prior appearance and functionality.

Following the immediate repairs, WASD issued an emergency contract with Fibrwrap

Construction Services, Inc. to rehabilitate the remaining segments using the Tyfo® Fibrwrap® Pipe Rehabilitation System. The system is a Fiber Reinforced Polymer (FRP) based, trenchless technology method for repairing, strengthening and retrofitting large-diameter PCCP. This innovative approach offers significant advantages over traditional pipe replacement and slip-lining methods, including avoiding road and surface destruction, allowing emergency repairs to be completed in minimal time (often 48 to 72 hours), and maintaining internal diameter loss to approximately ¼-inch thickness.

This emergency action prevented a catastrophic rupture and the potential failure of the water distribution system.

Vendor	**Address**	**Principal**
Fibrwrap Construction S.E., LLC (Non-Local vendor)	514 Moreland Avenue NE Atlanta, GA 30307	Brent Anderson

Performance Data:	There are no performance issues with the awarded firm.
Compliance Data:	There are no compliance issues with the awarded firm.
Contract Measure:	No Measure – Emergency Purchase
Local Preference:	The Local Preference was not applied as this is an emergency purchase.
Living Wage:	The services being provided are not covered under the Living Wage Ordinance.
User Access Program:	This contract includes the User Access Program provision. The 2% program discount is being collected on this purchase.
Procurement Contracting Officer:	Maggie Reynaldos

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Item 7

Contract No.: E9546-WS

Contract Title: **Rehabilitation of 48" and 54" Pipe Around the Area of West 4th Avenue (Red Road) and West 40th Place in Hialeah**

Description: To waive formal bid procedures and ratify an emergency contract award for the immediate purchase of rehabilitation services for a water main.

Contract Term: Upon completion

Contract Value: $2,156,000

Using/Managing Departments and Funding Sources:

Department	Allocation	Funding Sources	Contract Managers
Water and Sewer	$2,156,000	Proprietary Funds	Gregory Hicks
Total:	**$2,156,000**		

JUSTIFICATION

The Water and Sewer Department (WASD) Director certified an emergency purchase to rehabilitate 73 segments (12 continuous miles) of Prestressed Concrete Cylinder Pipe (PCCP), part of a raw water main located in the area of West 4th Avenue (Red Road) and West 40th Place in Hialeah.

On March 2, 2010, a 54" transmission main that supplies water to the north end of Miami-Dade County ruptured at the intersection of Red Road and West 40th Place in Hialeah. The rupture resulted in a surging torrent of water that, within minutes, eroded the canal banks to the west, flooded homes and cars to the east, and rendered the affected area unsuitable for mobile or foot traffic. WASD quickly stopped the water flow, isolated the area, pumped out the flood, restored water service, performed all urgent repairs, and restored the area to its prior functionality.

Prompted by this event, WASD ordered the assessment of 12 miles of PCCP running northward along NW 57th Avenue and eastward along NW 199th Street in Hialeah. Using Pipe Diver and Remote Field Transformer Coupling Technology (RFTCT), a non-destructive patented technology, WASD obtained a detailed assessment report on the internal condition of the PCCP. The report quantified broken prestressing wires within each segment of PCCP, and ranked the segments in priority category. Thirty-seven segments of 48" PCCP and 36 segments of 54" PCCP were categorized as Priority One, at high or very high risk of imminent catastrophic rupture and failure.

Upon receipt of the report, WASD immediately took necessary actions to mitigate the risk of another rupture. WASD ordered Fibrwrap Construction Services, Inc. to rehabilitate the vulnerable segments using the Tyfo® Fibrwrap® Pipe Rehabilitation System. The system is a Fiber Reinforced Polymer (FRP) based, trenchless technology method for repairing,

strengthening and retrofitting large-diameter PCCP. This innovative approach offers significant advantages over traditional pipe replacement and slip-lining methods, including avoiding road and surface destruction, allowing emergency repairs to be completed in minimal time (often 48 to 72 hours), and maintaining internal diameter loss to approximately ¼-inch thickness. The immediate rehabilitation was delayed, because two 54" valves had to be installed along the affected water main to allow sections of the water main to be isolated for repair without curtailing service integrity and water pressure to customers.

This emergency action prevented a catastrophic rupture and the potential failure of the water distribution system.

Vendor	**Address**	**Principal**
Fibrwrap Construction S.E., LLC (Non-Local vendor)	514 Moreland Avenue NE Atlanta, GA 30307	Brent Anderson

Performance Data:	There are no performance issues with the awarded firm.
Compliance Data:	There are no compliance issues with the awarded firm.
Contract Measure:	No Measure – Emergency Purchase
Local Preference:	The Local Preference was not applied as this is an emergency purchase.
Living Wage:	The services being provided are not covered under the Living Wage Ordinance.
User Access Program:	This contract includes the User Access Program provision. The 2% program discount is being collected on this purchase.
Procurement Contracting Officer:	Maggie Reynaldos

Item 8

Contract No.: E9568-0/12

Contract Title: **Ferric Chloride and Ferrous Sulfate**

Description: To waive formal bid procedures and ratify an emergency contract award for purchase of ferric chloride and ferric sulfate for removal and control of struvite at Miami-Dade Water and Sewer Department's Central District Wastewater Treatment Plant.

Contract Term: One year

Contract Value: $500,000

JUSTIFICATION

Seeking ratification of an emergency awarded on October 27, 2011 for the purchase and delivery of ferric chloride (iron chloride) and ferric sulfate (iron sulfate) for the Miami-Dade Water and Sewer Department's (WASD) Central District Wastewater Treatment Plant (CDWWTP). This plant experienced problems associated with unprecedented formation and buildup of a material known as struvite during the year 2010; 2011. The formation and buildup of struvite at CDWWTP clogged valves, pipes, pumps, and centrifuges creating significant operational issues and caused operating permit violations.

This emergency will allow for continued treatment of struvite while a competitive solicitation is advertised and awarded.

Using/Managing Department and Funding Sources

Department	Allocation	Funding Source	Contract Manager
Water and Sewer	$500,000	Proprietary Funds	Lydia Manners
	$500,000		

Vendor:	Address	Principal
Kemira Water Solutions, Inc. (Non-Local vendor)	1950 Vaughn Road Kennesaw, GA 30144	Joseph Richey

Performance Data: There are no performance issues with the awarded firm.

Compliance Data: There are no compliance issues with the awarded firm.

Contract Measure: No Measure – Emergency Purchase

Local Preference: The Local Preference Ordinance was not applied as this is an emergency purchase.

Living Wage: The services being provided are not covered under the Living Wage Ordinance.

User Access Program:	This contract includes the User Access Program provision. The 2% program discount is being collected on all purchases.
Procurement Contracting Officer:	Herman Ramsey

Item 9

Contract No.: E9500-WS

Contract Title: **Rehabilitation of 72" Wastewater Force Main at NW 156th Street and Biscayne Canal**

Description: To modify this contract for additional spending authority to allow the Water and Sewer Department (WASD) to complete the rehabilitation of a wastewater force main.

Type of Change: Additional spending authority

Existing Allocation: $4,616,050
Increase By: $1,034,507
Modification Allocation: $5,650,557

Using/Managing Departments and Funding Sources:

Department	Existing Allocation	Additional Allocation	Modified Allocation	Funding Sources	Contract Managers
Water and Sewer	$4,616,050	$1,034,507	$5,650,557	Proprietary Funds	Gregory Hicks
Total:	**$4,616,050**	**$1,034,507**	**$5,650,557**		

JUSTIFICATION

Authorization is requested for additional spending authority needed to complete the rehabilitation of a wastewater force main. During the rehabilitation of 8,045 feet of Prestressed Concrete Cylinder Pipe (PCCP), the vendor identified 27 jobs that were unforeseen and unanticipated, and therefore not part of the original scope of work. WASD has confirmed the need for each additional job. Upon determining that the work was crucial to the PCCP rehabilitation, reviewing documentation, and negotiating vendor pricing, the WASD Director authorized the additional work. Nine of the additional jobs totaled $407,000 and were paid from the contract's contingency funds. The remaining 18 additional jobs totaled $1,034,507.

Obtaining the additional services on an emergency basis allowed WASD to rehabilitate the wastewater main to avert a catastrophic rupture and spill.

Vendor	Address	Principal
Lanzo Construction (Non-Local vendor)	125 SE 5th Court Deerfield Beach, FL 33441	Quirino D'Alessandro

Performance Data: There are no performance issues with the awarded firm.

Compliance Data:	The vendor had eight responsible wage violations between July 2, 1998 and January 21, 2000. On January 17, 2003, the vendor was cited for failing to meet CSBE subcontractor goals. These cases have since been resolved, and the vendor is now in compliance.
Contract Measure:	No Measure – Emergency Purchase
Local Preference:	The Local Preference was not applied as this is an emergency purchase.
Living Wage:	The services being provided are not covered under the Living Wage Ordinance.
User Access Program:	This contract includes the User Access Program provision. The 2% program discount is being collected on this purchase.
Procurement Contracting Officer:	Maggie Reynaldos

MEMORANDUM

(Revised)

TO: Honorable Chairman Joe A. Martinez
and Members, Board of County Commissioners

DATE: March 6, 2012

FROM: R. A. Cuevas, Jr.
County Attorney

SUBJECT: Agenda Item No. 8(F)(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**

_____ **Ordinance creating a new board requires detailed County Manager'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. 8(F)(5)
3-6-12

RESOLUTION NO. R-205-12

RESOLUTION AUTHORIZING WAIVER OF FORMAL BID PROCEDURES PURSUANT TO SECTION 5.03(D) OF THE HOME RULE CHARTER AND SECTION 2-8.1 OF THE COUNTY CODE BY A TWO-THIRDS (2/3S) VOTE OF THE BOARD MEMBERS PRESENT FOR THE PURCHASE OF GOODS AND SERVICES FOR THE MIAMI-DADE WATER AND SEWER DEPARTMENT, AND AUTHORIZING THE COUNTY MAYOR OR THE COUNTY MAYOR'S DESIGNEE TO AWARD SAME, WITH AUTHORITY TO EXERCISE OPTIONS-TO-RENEW ESTABLISHED THEREUNDER

WHEREAS, the County Mayor recommends to this Board to waive formal bid procedures for the purchase of goods and services which cannot be purchased under normal bid procedures,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board waives formal bid procedures for the purchase of goods and services for the Miami-Dade Water and Sewer Department, and authorizes the County Mayor or County Mayor's designee to award such contracts, with authority to exercise options-to-renew established thereunder, pursuant to Section 5.03(D) of the Home Rule Charter and Section 2-8.1 of the County Code by a two-thirds (2/3s) vote of the Board members present.

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

Joe A. Martinez, Chairman	**absent**		
Audrey M. Edmonson, Vice Chairwoman	**absent**		
Bruno A. Barreiro	**aye**	Lynda Bell	**aye**
Esteban L. Bovo, Jr.	**aye**	Jose "Pepe" Diaz	**absent**
Sally A. Heyman	**aye**	Barbara J. Jordan	**aye**
Jean Monestime	**absent**	Dennis C. Moss	**aye**
Rebeca Sosa	**aye**	Sen. Javier D. Souto	**aye**
Xavier L. Suarez	**aye**		

The Chairperson thereupon declared the resolution duly passed and adopted this 6th day of March, 2012. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this 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.

Hugo Benitez