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

Memorandum

MIAMI-DADE COUNTY

Date: November 4, 2010

To: Honorable Chairman Dennis C. Moss
and Members, Board of County Commissioners

Agenda Item No. 8(O)(1)(B)

From: Carlos Alvarez
Mayor

Resolution No. R-1086-10

George M. Burgess
County Manager

Subject: Resolution Waiving Formal Bid Procedures to Ratify Emergency Contracts for the Miami-Dade Water and Sewer Department for $3,296,000

Recommendation

It is recommended that the Board of County Commissioners 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. ***Contract amounts and department allocations represent the maximum spending authority based on utilization. This action does not guarantee that the total contract amount/value will be expended by County departments and/or agencies.***

Scope

The impact of the items in the accompanying Bid Waiver Package is countywide in nature.

Fiscal Impact/Funding Source

Funding will be expended only if departmental budgets can support the expenditures approved in their Resource Allocation Plan adopted annually by the Board. There is no additional fiscal impact beyond what is stated on the individual items in this package. Allocations have been rounded consistent with standard auditing practices.

Track Record/Monitor

There are no past performance issues with the recommended vendors. Each department's contract manager is reflected in the accompanying Bid Waiver agenda item.

Delegated Authority

If this item is approved, the County Mayor or County Mayor's designee will have the authority to exercise in their discretion subsequent options-to-renew (OTR) and extend contracts for purchase of goods and services in accordance with the terms and conditions of the contracts listed in the accompanying Bid Waiver Package.

Background

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: Water Main Condition Assessment 54" and 48" Water Main on NW 57 Avenue is to waive formal bid procedures and ratify an emergency contract award for purchase of 12 continuous miles of internal water main condition assessments for 54" and 48" water main pipelines located on West 4th Avenue in Hialeah for the Miami-Dade Water and Sewer Department. The amount being requested is **$643,000.**

Item 2: Internal Rehabilitation of 54" Pre-stressed Pipe is to waive formal bid procedures and ratify an emergency contract award for purchase and installation of Fibrwrap System to strengthen 26 lengths of 54" pre-stressed concrete pipes located on West 4th Avenue in Hialeah due to high risk of rupture for the Water and Sewer Department. The amount being requested is **$1,830,000.**

Item 3: Emergency Repair of 72" Wastewater Collection Gravity Main Interceptor is to waive formal bid procedures and ratify an emergency contract award for purchase of urgency repairs for two severely corroded 72" bends within the Biscayne Boulevard Interceptor at North Bayshore Drive and Northeast 13th Street, and North Bayshore Drive at the westbound I-395 ramp for the Water and Sewer Department. The amount being requested is **$823,000.**

Assistant County Manager

MEMORANDUM
(Revised)

TO: Honorable Chairman Dennis C. Moss and Members, Board of County Commissioners

DATE: November 4, 2010

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

SUBJECT: Agenda Item No. 8(O)(1)(B)

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**

3

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(O)(1)(B)
11-4-10

RESOLUTION NO. R-1086-10

RESOLUTION AUTHORIZING WAIVER OF FORMAL BID PROCEDURES AND RATIFYING EMERGENCY PURCHASES OF GOODS AND SERVICES FOR A TOTAL OF $3,296,000 FOR THE MIAMI-DADE WATER AND SEWER DEPARTMENT, AND AUTHORIZING THE COUNTY MAYOR OR THE COUNTY MAYOR'S DESIGNEE TO AWARD SAME

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 and ratifies emergency purchases of goods and services, and authorizes the County Mayor or County Mayor's designee to award such contracts 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.

The foregoing resolution was offered by Commissioner **Joe A. Martinez**, who moved its adoption. The motion was seconded by Commissioner **Dennis C. Moss** and upon being put to a vote, the vote was as follows:

Dennis C. Moss, Chairman **aye**
Jose "Pepe" Diaz, Vice-Chairman **aye**

Bruno A. Barreiro	**aye**	Audrey M. Edmonson	**aye**
Carlos A. Gimenez	**aye**	Sally A. Heyman	**aye**
Barbara J. Jordan	**aye**	Joe A. Martinez	**aye**
Dorrin D. Rolle	**absent**	Natacha Seijas	**aye**
Katy Sorenson	**aye**	Rebeca Sosa	**aye**
Sen. Javier D. Souto	**aye**		

The Chairperson thereupon declared the resolution duly passed and adopted this 4th day of November, 2010. 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: **DIANE COLLINS**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Oren Rosenthal

Item 1

Contract No.: RQWS1000027

Contract Title: **Water Main Condition Assessment 54" and 48" Water Main on NW 57 Avenue**

Description: To waive formal bid procedures and ratify an emergency contract award for purchase of 12 continuous miles of internal water main condition assessments for 54" and 48" water main pipelines located in Hialeah on West 4th Avenue for the Miami-Dade Water and Sewer Department.

Contract Term: Upon completion

Contract Value: $643,000

Using/Managing Department and Funding Source:

Department	Allocation	Funding Source	Contract Manager
Water and Sewer	$643,000	Proprietary Funds	Gregory Hicks
Total:	**$643,000**		

Vendor:	Address	Principal
Pressure Pipe Inspection Co. USA, Inc. (Non-local vendor)	10725 Sandhill Road Suite #107 Dallas, TX 75238	Cliff Jones

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

Review Committee Date: August 18, 2010

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 all purchases.

DPM Contract Manager: Albert Falcon

JUSTIFICATION

The Water Transmission and Distribution Division (WTDD) of the Miami-Dade Water and Sewer Department (WASD) responded to an emergency call regarding a 54" water main transmission line that supplies water to the north end of Miami-Dade County. The WTDD emergency crew discovered that a 54" Pre-stressed Concrete Cylinder Pipe (PCCP) had ruptured at the intersection of West 4th Avenue and West 40th Place in Hialeah. The department assessed the site and the condition of the pipe to determine the potential causes and prevent future similar occurrences.

The premature deterioration of the West 4th Avenue water main required WASD be proactive and use the latest technology available to produce an immediate condition assessment for at least twelve continuous miles of water main pipeline. The department contacted a company who has a significant reputation in water and wastewater pipeline condition assessment, Pressure Pipe Inspection Company, to perform an immediate assessment using their patented Remote Field Transformer Coupling Technology (RFTC). RFTC is a non-destructive type of pipeline condition assessment technology that has advantages over conventional technologies that only provide video inspection. The patented Pipe Diver RFTC is a free-swimming tool that can be inserted into a closed pipeline system. The RFTC transmits a signal that, when combined with the patented software, is able to detect and locate the number of damaged or broken pre-stressing wires located in a PCCP. All of the results and information are presented in a full assessment report that provides a summary of damaged segments of the PCCP, and ranks them in quantitative order by the number of broken pre-stressing wires.

The report revealed two significant areas of degradation that required immediate attention to avert another potential rupture. The 54" PCCP has undergone internal rehabilitation in an effort to strengthen the pipe and avoid catastrophic rupture (see Item 2).

Item 2

Contract No.: RQWS1000028

Contract Title: **Internal Rehabilitation of 54" Pre-stressed Pipe**

Description: To waive formal bid procedures and ratify an emergency contract award for purchase of Fibrwrap system to strengthen 26 lengths of 54" pre-stressed concrete pipe located on West 4th Avenue that are at high risk of imminent rupture for the Miami-Dade Water and Sewer Department.

Contract Term: Upon completion

Contract Value: $1,830,000

Using/Managing Department and Funding Source:

Department	Allocation	Funding Source	Contract Manager
Water and Sewer	$1,830,000	Proprietary Funds	Gregory Hicks
Total:	**$1,830,000**		

Vendor:	Address	Principal
Fibrwrap Construction SE, LLC (Non-local vendor)	8380 Biralani Drive San Diego, CA 92126	Clint Loe

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

Review Committee Date: August 18, 2010

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 all purchases.

DPM Contract Manager: Albert Falcon

JUSTIFICATION

The Miami-Dade Water and Sewer Department (WASD) contracted for an assessment of the area along the intersection of West 4th avenue and West 40th Place in Hialeah to identify locations with a high risk of water main transmission pipe ruptures. The draft report identified two significant areas of degradation that required immediate action to avert potential water main rupture and interruption to the Countywide water distribution service infrastructure.

WASD staff studied technology trends and identified two methods to deal with this type of situation. The Fibrwrap System was chosen over the liner manufactured by Insituform, Inc. The Fibrwrap System could adequately address the degradation problem, cost approximately $1,000,000 less than Insituform, and would create significantly less traffic disruption on the roadway.

Failure to take immediate, emergency rehabilitative action to the affected 54" water distribution pipeline would almost assure another significant rupture leading to a dangerous threat to public health. The vendor began working on June 7, 2010 and completed its field work by June 25, 2010. The distressed pipes were rehabilitated or replaced with a fully structural carbon fiber cylinder to provide the required structural integrity.

Item 3

Contract No.: RQWS1000025

Contract Title: **Emergency Repair of 72" Wastewater Collection Gravity Main Interceptor**

Description: To waive formal bid procedures and ratify an emergency contract award for purchase of urgent repairs for two severely corroded 72" bends within the Biscayne Boulevard Interceptor at North Bayshore Drive and Northeast 13th Street, and Biscayne Boulevard at the westbound I-395 ramp for the Miami-Dade Water and Sewer Department.

Contract Term: Upon completion

Contract Value: $822,820

Using/Managing Department and Funding Source:

Department	Allocation	Funding Source	Contract Manager
Water and Sewer	$822,820	Proprietary Funds	Gregory Hicks
Total:	**$822,820**		

Vendors:	Address	Principal
Metro Equipment Service, Inc. (Local vendor)	7171 SW 62 Avenue #502 South Miami, FL 33143	Jorge L. Godoy

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

Review Committee Date: August 4, 2010

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 all purchases.

DPM Contract Manager: Albert Falcon

JUSTIFICATION

The Miami-Dade Water and Sewer Department (WASD) had an urgent need to perform repairs on the 72-inch gravity sewer interceptor at two locations. Due to the presence of mass transit structures, FPL duct banks, and other major utilities in the area, repairs need to be done through the inside of the 72-inch main at low-flow no rainfall times acceptable to the Department.

WASD conducted a routine inspection of the 72-inch gravity sewer main influent line to Pump Station 2, which revealed extensive deterioration of a 72-inch, 90 degree bend at North Bayshore Drive and Northeast 13th Street, and on the 19 degree bend at Biscayne Boulevard and the I-395 westbound ramp. The presence of Hydrogen Sulfide (H2S) gases have corroded through the first layer of concrete, the steel cylinder, and through the wire mesh on the outside of the cylinder on both fittings. Neither fittings have protective coating remaining. The concrete corrosion is considered severe with the collapse and failure of either or both fittings considered imminent.

WASD contacted three local firms known to possess the capability, experience and skill necessary to perform this very difficult repair and rehabilitation. Subsequent to submission of the bids and an evaluation of the offers by WASD, Metro Equipment Service, Inc., the vendor who offered the lowest price, was awarded the work to complete the emergency repairs.