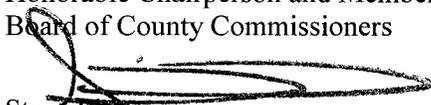




# MEMORANDUM

107.07-17A MIAMI-DADE/GSA-MAT. MGT.

TO: Honorable Chairperson and Members  
Board of County Commissioners

FROM:   
Steve Shiver  
County Manager

DATE: **May 13, 2003**

SUBJECT: Contract Award:  
CDWWTP, Plant 1 Sludge Concentrators,  
Influent Piping and Meters, Contract No. S-744

The attached Recommendation for Award for Contract S-744 between **Florida Construction & Engineering, Inc.** and Miami-Dade County has been prepared by the Miami-Dade Water and Sewer Department (Department) and is recommended for approval.

**PROJECT:** Central District Wastewater Treatment Plant, Plant 1 Sludge Concentrators, Influent Piping and Meters

**PROJECT NO.:** S-744

**PROJECT LOCATION:** 3851 Rickenbacker Causeway, City of Miami, Miami-Dade County, Florida

**COMMISSIONER AND DISTRICT:** Jimmy Morales – District 7

**PROJECT DESCRIPTION:** The project consists of furnishing all labor, materials and equipment (including piping) necessary to install influent piping and construct a magnetic flow meter station for Sludge Concentrator Nos. 1, 2, 3, and 4 at the Plant No. 1 in the Central District Wastewater Treatment Plant, (Virginia Key) located at 3851 Rickenbacker Causeway, City of Miami, Miami-Dade County, Florida.

The work includes the following: modifying existing sludge influent piping that goes to the sludge concentrators; construct a meter station with containment concrete slab and drainage; furnish and install four Magnetic flow meters for each one of the sludge concentrators; connect polymer and flushing water piping to the new meter station; relocate the stairs at the basement of the old pumping station in the Polymer Building to allow for the installation of 12-inch Ductile Iron (DI) pipe; construct new asphaltic pavement and replace damaged pavement; install new sodding, and replace damaged sodding; testing; and any appurtenant work for a complete and functional meter station.

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

**MIN. QUALIFICATIONS EXCEEDED LEGAL REQUIREMENTS:** No

**BID OPEN DATE:** June 24, 2002

**BID BOND EXPIRATION DATE:** Originally it was for October 22, 2002, but per the contractor, the bid bond will be extended until the contract is awarded.

**EXPLANATION:** When bids were received for this contract, it was determined that the contract should be awarded to the third lowest bidder since the second lowest bidder was found to be in non-compliance by the Department of Business Development. The lowest bidder did not meet specific standards requiring that the prime contractor hold 51% of the contract job. That requirement was inadvertently omitted in the original specifications. The low bidder questioned this ruling and the issue was submitted to the County Attorney's Office for review. The legal office opined that because this requirement was not included in the original specifications, it was not enforceable. Consequently, it is the Miami-Dade Water and Sewer Department's recommendation to award this contract to the lowest bidder. Due to a delay in awarding the contract pending resolve of the above referenced matter, the bid bond accompanying this bid has expired. However, the Department is in receipt of a letter dated February 5, 2003 from the Attorney in Fact of the surety company stating their intention of executing the performance and payment bonds for this project.

**ESTIMATED NOTICE TO PROCEED DATE:** July, 2003

**COST ESTIMATE:** \$240,000 [\$218,000 construction + \$22,000 (10%) Allowance Account]

**CONTRACT AMOUNT:** \$247,333 [\$224,848 construction + \$22,485 (10%) Allowance Account]

**INSPECTOR GENERAL (IG) FEE:  
(1/4 OF ONE PERCENT)** \$618.33

**INDEPENDENT PRIVATE SECTOR  
INSPECTOR GENERAL (IPSIG):** Provision Included

**ALLOWANCES/CONTINGENCY  
ORDINANCE NO. 00-65:  
(EXPLANATION)** This project is an improvement to an existing facility, and therefore, a ten percent (10%) Allowance Account is permissible, per Ordinance No. 00-65. This Allowance Account (\$22,485) will be used by the Department for unforeseen conditions, construction changes, additional work or materials not covered by any proposal item, and for quantity adjustments.

**CONTRACT PERIOD:** 180 consecutive calendar days

**ART IN PUBLIC PLACES  
CONTRIBUTION:** Not Applicable

**MANDATORY CLEARING HOUSE:** Provision Included

**PRIME CONTRACTOR:** Florida Construction & Engineering, Inc.

**COMPANY PRINCIPALS:** Hamid R. Djahanshahi

**COMPANY QUALIFIER:** Hamid R. Djahanshahi

**LOCATION OF COMPANY:** 155 Bentley Dr., Miami Springs, Florida

**YEARS IN BUSINESS:** 15 years

**PREVIOUS CONTRACTS WITH THE COUNTY IN THE PAST FIVE YEARS:** 15 contracts, for a total of \$3,800,000

**USING AGENCY:** Miami-Dade Water and Sewer Department

**MANAGING AGENCY:** Miami-Dade Water and Sewer Department

**COMMUNITY SMALL BUSINESS ENTERPRISE APPROVED:** Set Aside, LEVEL 1, in the Review Committee meeting of March 14, 2002

**SUBCONTRACTOR MEETING GOALS:** Not Applicable

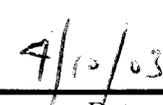
**SUBCONTRACTORS AND SUPPLIERS:** Leon's Engineering Corp. Hughes Supply  
(ORD. 97-104) Cooper Contracting John Dacy & Associates  
Ferguson Underground-SEMSCO

**FUNDING SOURCE:** Wastewater-Revenue Bonds Series 1997 (Fund No. 67)

**EXPEDITE ORDINANCE NO. 00-104:** Yes. As described in the Miami-Dade County 2002-2003 Annual Proposed Capital Budget and Multi-Year Capital Plan under Miami-Dade Water and Sewer Department, Program Area: Physical Environment, CENTRAL DISTRICT UPGRADES – WASTEWATER TREATMENT PLANT, Page 141-1. (See attachment)

**APPROVED FOR LEGAL SUFFICIENCY:**

  
County Attorney

  
Date

MIAMI-DADE COUNTY  
CONTRACT AWARD RECOMMENDATION  
CONSTRUCTION PROJECT

To: County Manager's Office

Date: March 20, 2003

**Project Title:** CDWWTP, Plant 1 Sludge Concentrators, Influent Piping and Meters, Contract No. S-744

**Location:** 3851 Rickenbacker Causeway, City of Miami, Miami-Dade County, Florida

**Commissioner and District:** Jimmy Morales – District 7

**Cost Estimate:** \$240,000 [\$218,000 construction + \$22,000 (10%) Allowance Account]

**Recommended Amount Of Contract:** \$247,333 [\$224,848 construction + \$22,485 (10%) Allowance Account]

**Contract Period:** 180 consecutive calendar days

**Art in Public Places Contribution:** Not Applicable

**Number of Bids Received:** 3 (See attached Bid Tabulation)

**Community Small Business Enterprise Goal Approved:** Set Aside, LEVEL 1, in the Review Committee meeting of March 14, 2002

It is recommended that a Contract be awarded to:

**Firm Name:** Florida Construction & Engineering, Inc.

**Address:** 155 Bentley Dr., Miami Springs, Florida 33166

**Explanation: (Description of need for project; details of project; explanation of bid).**

The project consists of furnishing all labor, materials and equipment (including piping) necessary to install influent piping and construct a magnetic flow meter station for Sludge Concentrator Nos. 1, 2, 3, and 4 at the Plant No. 1 in the Central District Wastewater Treatment Plant, (Virginia Key) located at 3851 Rickenbacker Causeway, City of Miami, Miami-Dade County, Florida.

The work includes the following: modifying existing sludge influent piping that goes to the sludge concentrators; construct a meter station with containment concrete slab and drainage; furnish and install four Magnetic flow meters for each one of the sludge concentrators; connect polymer and flushing water piping to the new meter station; relocate the stairs at the basement of the old pumping station in the Polymer Building to allow for the installation of 12-inch Ductile Iron (DI) pipe; construct new asphaltic pavement and replace damaged pavement; install new sodding, and replace damaged sodding; testing; and any appurtenant work for a complete and functional meter station.

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

Signature: \_\_\_\_\_  
Director, Miami-Dade Water and Sewer Department

By: \_\_\_\_\_  
Construction Contracts Section

By: \_\_\_\_\_  
Assistant Director

APPROVED BUDGET CERTIFICATION FUNDS AVAILABLE  
3/20/03

PROGRAM AREA: PHYSICAL ENVIRONMENT  
Miami-Dade Water and Sewer Department

\*\*\*\*\* FUNDED PROJECTS \*\*\*\*\*  
(\$ IN 000'S)

**WASTEWATER PROJECTS**

**CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT**

S-744

LOCATION: Virginia Key  
City of Miami  
COMM DIST: Various Districts

DESCRIPTION: Construct odor control facilities, digester improvements, digested sludge holding tanks, and miscellaneous electrical improvements; modify grit chamber and rehabilitate outfall.

REVENUE SCHEDULE:	PRIOR	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	FUTURE	TOTAL
Wastewater Connection Charges	4,148	0	0	0	0	0	0	0	4,148
Wastewater Revenue Bonds Series 1997	21,008	0	0	0	0	0	0	0	21,008
State Revolving Loan Wastewater Program	21,190	0	0	0	0	0	0	0	21,190
Future Wastewater Revenue Bonds	0	0	0	0	0	0	22,950	0	22,950
Wastewater Revenue Bonds Series 1995	2,065	0	0	0	0	0	0	0	2,065
<b>TOTAL REVENUE:</b>	<b>48,411</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,950</b>	<b>0</b>	<b>71,361</b>
EXPENDITURE SCHEDULE:	PRIOR	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	FUTURE	TOTAL
Planning/Design	2,085	1,005	938	349	43	0	118	1,988	6,486
Construction	20,651	10,051	9,386	3,493	430	0	1,182	19,982	64,875
<b>TOTAL PROJECTED COST:</b>	<b>22,736</b>	<b>11,056</b>	<b>10,324</b>	<b>3,842</b>	<b>473</b>	<b>0</b>	<b>1,300</b>	<b>21,850</b>	<b>71,361</b>

**CENTRAL MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATION IMPROVEMENTS**

LOCATION: Wastewater System - Central District  
Various Sites  
COMM DIST: Various Districts

DESCRIPTION: Construct 60-inch force main from Miami Beach to Central District plant, relief force main PS No. 177, 12-inch force main crossing Bear Cut; install flow meter at PS No. 187; upgrade PS No. 1; rehabilitate existing 54" Flagler St interceptor.

REVENUE SCHEDULE:	PRIOR	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	FUTURE	TOTAL
Wastewater Connection Charges	1,535	800	10,000	12,000	4,900	4,000	648	0	33,883
Wastewater Revenue Bonds Series 1997	15,100	0	0	0	0	0	0	0	15,100
State Revolving Loan Wastewater Program	2,866	0	0	0	0	0	0	0	2,866
Wastewater Revenue Bonds Series 1995	1,608	0	0	0	0	0	0	0	1,608
Wastewater Revenue Bonds Series 1999	6,436	0	0	0	0	0	0	0	6,436
<b>TOTAL REVENUE:</b>	<b>27,544</b>	<b>800</b>	<b>10,000</b>	<b>12,000</b>	<b>4,900</b>	<b>4,000</b>	<b>648</b>	<b>0</b>	<b>59,892</b>
EXPENDITURE SCHEDULE:	PRIOR	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	FUTURE	TOTAL
Planning/Design	914	1,158	1,414	1,091	445	384	59	0	5,445
Construction	9,143	11,576	14,139	10,909	4,455	3,638	589	0	54,447
<b>TOTAL PROJECTED COST:</b>	<b>10,057</b>	<b>12,734</b>	<b>15,553</b>	<b>12,000</b>	<b>4,900</b>	<b>4,000</b>	<b>648</b>	<b>0</b>	<b>59,892</b>

147  
5

MIAMI-DADE WATER AND SEWER DEPARTMENT  
MIAMI-DADE COUNTY

CENTRAL DISTRICT WASTE WATER TREATMENT PLANT  
PLANT NO. 1 SLUDGE CONCENTRATORS INFLUENT PIPING AND METERS

CONTRACT NO. S-744

ESTIMATE: \$240,000

TABULATION OF BIDS		BID DATE: June 24, 2002	
Item No.	Description	Quant.	Total
1.	Selling & delivering to the Department all necessary materials, equipment and supplies for the influent piping to Sludge Concentrators and Meters Station at Central District Waste Water Treatment Plant, complete	Aggr. Sum	Aggr. Sum
		\$ 116,921.00	\$ 105,600.00
			\$ 110,050.00
2.	All other costs incurred in the installation of all materials, equipment and supplies furnished under Item 1, including all associated labor, bond, insurance bypass pumping, other miscellaneous costs, overhead and profit	Aggr. Sum	Aggr. Sum
		107,927.00	158,400.00
			165,368.00
3.	Subtotal The total of Items 1 and 2	\$ 224,848.00	\$ 264,000.00
4.	Unforeseen conditions, for minor construction changes and for quantity adjustments, if ordered by the Engineer, the sum of 10% of the Subtotal, Item 3, (.10)X(Subtotal, Item 3)	* \$ 22,484.80	* \$ 26,400.00
	TOTAL (Bid Items 3 and 4)	* \$ 247,332.80	* \$ 290,400.00
			\$ 302,959.80

\*Revised due to error



## Coastal Insurance Group

*February 5, 2003*

*Alma Santiago  
Miami Dade Water and Sewer Department  
3071 SW 38<sup>th</sup> Ave.  
Miami, Florida 33146*

*Re: Florida Construction & Engineering, Inc*

*Dear Mrs. Santiago*

*I am the attorney in fact for Westfield Insurance Company whom serves as surety for Florida Construction & Engineering, Inc. It is our understanding that they may be awarded a project know as "Central District Waste Water Treatment Plant" sludge concentrators, influent piping and meters under contract number S-744 for approximately \$247,000. It is the intention of Westfield Insurance Company to execute the payment / performance bonds for this project, provided the contract terms and bond forms are acceptable to Florida Construction & Engineering, Inc.*

*Should you have any questions please fell free to call me at 305-887-5999 extension 13.*

*Sincerely*

  
*Thomas L. Webb  
Attorney in fact  
Westfield Insurance Company*