

# MEMORANDUM



**Date:** October 16, 2007  
**To:** Honorable Chairman Bruno A. Barreiro  
and Members, Board of County Commissioners

Agenda Item No. 8(R)3A

**From:** George M. Burgess  
County Manager 

**Subject:** Contract Award Recommendation for South District Wastewater Treatment Plant, HLD Upgrade to 285 MGD, Temporary Office Facilities - Contract No: S-825 (A)

## Recommendation

This Recommendation to Award a Construction contract has been prepared by the Miami-Dade Water and Sewer Department (MDWASD) and is recommended for approval pursuant to Code of Miami-Dade County Section 2-8.2.11, Water and Sewer Department Contracting Authority. This project is one in a series of projects under the High Level Disinfection (HLD) Program to comply with Consent Order No. 03-1376 negotiated by Miami-Dade County and the Florida Department of Environmental Protection (FDEP) and to meet regulatory requirements resulting from a rule change implemented by the US Environmental Protection Agency (USEPA) to meet effluent quality standards for deep well disposal. Upon the completion of the entire project, the South District Wastewater Treatment Plant (SDWWTP) will be rated at 285 million gallons per day (MGD), a chart is attached showing the different upgrades that make-up the HLD Facility.

## Scope

**PROJECT NAME:** South District Wastewater Treatment Plant, HLD Upgrade to 285 MGD, Temporary Office Facilities

**PROJECT NO:** N/A

**CONTRACT NO:** S-825 (A)

**PROJECT DESCRIPTION:** The work consists of furnishing all materials, labor, and equipment necessary for the site preparation and common facilities to house construction management staff and up to 45 trailers for contractors / subcontractors under multiple future contracts at the SDWWTP.

The project includes, but it is not limited to the following: furnishing all materials, labor, and equipment necessary to construct a prefabricated steel building (temporary field office), and a new meter building; furnishing utilities for the temporary field office site; site work, including clearing and grubbing, placement of compacted backfill and paving at parking area 2, the temporary office site, and meter building site; installation of FPL duct bank and duct banks serving future trailers and contractor tool supply sites; and installation of equalization drain piping between on-site borrow ponds. Work shall also include the demolition and removal of existing structures and some on site piping; abandonment of other piping, including capping and plugging; coordination with multiple ongoing construction contracts; coordination with Plant personnel to avoid interruption of service; complying with security restrictions; and all other appurtenant and miscellaneous items and work for a complete installation.

It is MDWASD's intent to obtain a complete functional, and satisfactory installation under this project, and 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.

**PROJECT LOCATION:** 23300 SW 88 Avenue, Miami-Dade County, Florida

**PRIMARY COMMISSION DISTRICT:** District 8 Katy Sorenson

**APPROVAL PATH:** Special Ordinance 2-8.2.11

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

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

**Fiscal Impact / Funding Source**

<b>FUNDING SOURCE:</b>	<b><u>SOURCE</u></b>	<b><u>AMOUNT</u></b>
	WASD Revenue Bonds Sold and Wastewater Connection Charges	<u>\$11,110,940.05</u>

**PTP FUNDING:** No

**GOB FUNDING:** No

<b>CAPITAL BUDGET PROJECT:</b>	<b><u>BUDGET PROJECT / DESCRIPTION</u></b>	<b><u>AWARD ESTIMATE</u></b>
	96510240-SOUTH DISTRICT WASTEWATER TREATMENT PLANT - HIGH LEVEL DISINFECTION Book Page: 310 Funding Year: Adopted Budget Book for FY 2006-07, Prior Year Funds	<u>\$11,110,940.05</u>

**PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:** One of the following licenses is required: General Engineering, General Contractor, and/or other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

**BID PACKAGES ISSUED:** 29

**BIDS RECEIVED:** 3

**CONTRACT PERIOD:** 395 Days. Consecutive calendar days. The original contract period was 365 days. After further study by the designers, it was realized that more time was needed for the completion of the project. The construction time was changed to 395 Consecutive calendar days. The bidders were informed of this change by Addendum No. 3. Addendum No. 1 was clarifying the bid date that it was not clearly shown in the Specifications, and Addendum No. 2 was sending to the bidders a copy of the sign-in sheets of the contractors that attended the Mandatory Pre-Bid and Mandatory Site Visit.

CONTINGENCY PERIOD: 40  
 IG FEE INCLUDED IN BASE CONTRACT: Yes  
 ART IN PUBLIC PLACES: No  
 BASE ESTIMATE: \$7,103,000.00  
 BASE CONTRACT AMOUNT: \$9,487,557.56

MDWASD received three (3) bids for this project with a difference of only .07% between the two lowest bidders. The low bidder did not include a complete Bid Bond and was found to be non-responsive. For this reason, MDWASD is recommending award of this contract to the second low responsive and responsible bidder, Harry Pepper and Associates, who has participated in the construction of MDWASD's water and wastewater plants successfully.

The base bid submitted by Harry Pepper and Associates is approximately 11.6% above MDWASD's Engineer's (Hazen & Sawyer, P.C.) revised estimate which was adjusted from \$7,103,000 to \$8,499,000, please see Exhibit A. The difference between the Engineer's original estimate of \$7,103,000 and the revised estimate of \$8,499,000 is due to an increase in the scope of work which was added to the contract during the bidding process. The additions to the scope of work are delineated on Exhibit A under the column entitled: "Additions to the Project", they include: 1) additional civil works such as site clearing and demolition, hauling (to the site) sub-grade soil and limerock; 2) additional utility work such as the installation of sewer pipe and force mains, manholes, a water and fire system and drainage work; 3) additional work for the prefabricated office building including electrical and mechanical work and architectural components such as furnishings and changes requested by the Building Department; 4) additional work for the Meter Building such as block walls and stucco, architectural components such as furnishings and changes requested by the Building Department, electrical cabinets, panels and wiring, and mechanical work; 5) additional work for the FPL/Bell South Communication Systems such as power feed, ductbanks, and manholes; 6) additional work for the communication and security facilities, and 7) a deduction in the amount of \$163,000 for costs related to utility relocation and unforeseen conditions. Furthermore, under the subtotal amount of \$1,396,000, there are three (3) dedicated allowance accounts to cover the costs of the security system, unidentified rock removal and off-site work performed by Bell South to provide telephone and computer service from Bell South's nearest location to the SDWWTP. Other supplementary costs are related to an allowance account to cover unforeseen future costs, and permitting. The bidders were informed of this additional work by Addendum Nos. 3,4, and 5

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

TYPE	PERCENT	AMOUNT	COMMENT
Infrastructure	10%	\$948,755.76	

PERMIT FEES :

\$284,626.73 3.00%

3

EXCAVATING, REMOVAL, STOCKPILING, LOADING INTO TRUCKS & HAULING OFF-SITE TO AN APPROVED DISPOSAL SITE, BOULDERS, RUBBLE AND DEBRIS NOT IDENTIFIED ON PLANS ::	\$20,000.00	0.21%
ALL COST OF BELL SOUTH TO PROVIDE OFF SITE TELEPHONE CONNECTIONS :	\$50,000.00	0.53%
SELLING MATERIALS AND SERVICES PROVIDED UNDER SIEMENS TECHNOLOGIES SECURITY SYSTEMS :	\$320,000.00	3.37%
TOTAL DEDICATED ALLOWANCE:	\$674,626.73	
TOTAL AMOUNT:	\$11,110,940.05	

**Track Record / Monitor**

<b>EXPLANATION</b>	From 1989 to 2001 Harry Pepper & Associates, Inc. participated in the expansion of the North, Central and South District Wastewater Treatment Plants, and Alexander Orr, Jr. Water Treatment Plant of the MDWASD. The company was the successful bidder in seven (7) contracts, for a total amount of approximately \$41,250,000, completing all seven projects in a very satisfactory manner.
<b>BID OPEN DATE:</b>	7/31/2007
<b>BID BOND EXPIRES:</b>	11/28/2007
<b>BID VALID UNTIL:</b>	11/28/2007
<b>ESTIMATED NOTICE TO PROCEED:</b>	10/1/2007
<b>PRIME CONTRACTOR:</b>	Harry Pepper & Associates, Inc.
<b>COMPANY PRINCIPAL:</b>	David Pepper
<b>COMPANY QUALIFIERS:</b>	David Pepper
<b>COMPANY EMAIL ADDRESS:</b>	dpepper@hpepper.com
<b>COMPANY STREET ADDRESS:</b>	18902-A NE 5th Avenue
<b>COMPANY CITY-STATE-ZIP:</b>	Miami, Florida 33179
<b>YEARS IN BUSINESS:</b>	47
<b>PREVIOUS EXPERIENCE WITH COUNTY IN THE LAST FIVE YEARS:</b>	None
<b>SUBCONTRACTORS AND</b>	CW Construction, Inc., Benson Electric, George Pappas Engineering Contractors,

**SUPPLIERS (SECTION 10-34 MIAMI DADE COUNTY CODE):**

Contech, and Ferguson Waterworks

**MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS:** No

**STANDARD PAYMENT AND PERFORMANCE BOND:** Yes

**REVIEW COMMITTEE:** **MEETING DATE:** 4/25/2007 **SIGNOFF DATE:** 4/25/2007

**RESPONSIBLE WAGES:** Yes

REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:	MEASURE GOAL	COMMENT
CSBE	27.00%	
CWF	0.00%	Not Applicable

**MANDATORY CLEARING HOUSE:** Yes

**CONTRACT MANAGER NAME/PHONE/EMAIL:** John W. Chorlog, Jr. (786) 552-8102 jwcho01@miamidade.gov

**PROJECT MANAGER NAME/PHONE/EMAIL:** Alma M. Santiago, P.E. (786)552-8243 AS1@miamidade.gov

**Background**

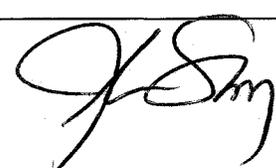
**BACKGROUND:**

This project consist of furnishing all materials, labor, and equipment necessary for the site preparation and common facilities to house construction management staff and up to 45 trailers for contractors/ subcontractors under multiple future contracts at the SDWWTP. This is one in a series of projects under the HLD Program to comply with Consent Order No. 03-1376 negotiated by Miami-Dade County and FDEP and to meet regulatory requirements resulting from a rule change implemented by the USEPA to meet effluent quality standards for deep well disposal. Upon the completion of the entire project, the SDWWTP will be rated as a 285 MGD plant.

**BUDGET APPROVAL FUNDS AVAILABLE:**

*Feb 2007*  
  
OSBM DIRECTOR

9-28-07  
DATE



**APPROVED AS TO LEGAL SUFFICIENCY:**

  
COUNTY ATTORNEY

9/18/07  
DATE

**CAPITAL IMPROVEMENTS CONCURRENCE:**

  
OCI DIRECTOR

9/27/07  
DATE

  
\_\_\_\_\_  
ASSISTANT COUNTY  
MANAGER

10.02.07  
\_\_\_\_\_  
DATE

CLERK DATE

\_\_\_\_\_  
CLERK

**SOUTH DISTRICT WASTEWATER TREATMENT PLANT, HLD UPGRADE TO 285 MGD, TEMPORARY OFFICE FACILITIES**

**CONTRACT NO: S-825(A)**

**BUDGET PROJECT AND DESCRIPTION:**

96510240-SOUTH DISTRICT WASTEWATER TREATMENT PLANT - HIGH LEVEL DISINFECTION

**FUNDING SOURCE:**

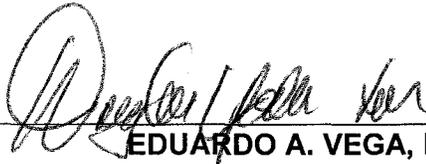
WASD REVENUE BONDS SOLD AND WASTEWATER CONNECTION CHARGES

IF THE BOARD OF COUNTY COMMISSIONERS ADOPTS THE FISCAL 2007-08 BUDGET ON SEPTEMBER 20, 2007, THEN THE WASTEWATER CONNECTION CHARGES WILL BE SUBSTITUTED FOR FUNDING FROM THE SEWER SPECIAL CONSTRUCTION FUND FOR HIGH LEVEL DISINFECTION (HLD).

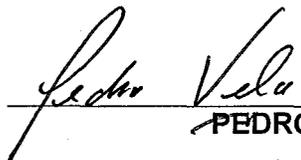
**INDEX CODES:**

EW623 (CONNECTION CHARGES), IF THE FISCAL 2007-08 BUDGET IS ADOPTED ON SEPTEMBER 20, 2007, THEN IT WILL BE SUBSTITUTED FOR EW 652-HLD CONSTRUCTION FUND, EW644 ( REVENUE BONDS SOLD)

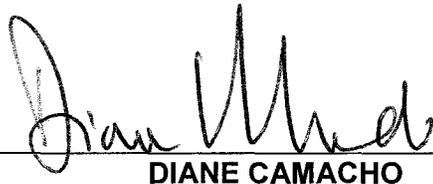
**ASSISTANT DIRECTOR, ENGINEERING AND CAPITAL IMPROVEMENTS:**

  
EDUARDO A. VEGA, PE      9/17/07  
DATE

**BUDGET AND CAPITAL FUNDING COORDINATION:**

  
PEDRO VELAR      9/17/07  
DATE

**ASSISTANT DIRECTOR, FINANCE AND INFORMATION TECHNOLOGY:**

  
DIANE CAMACHO      9/17/07  
DATE

**DEPUTY DIRECTOR, REGULATORY COMPLIANCE AND CAPITAL IMPROVEMENTS:**

  
DOUG YODER      9/17/07  
DATE

## EXHIBIT A

### REVISED ENGINEER'S ESTIMATE CONTRACT S-825 TEMPORARY FIELD OFFICE FACILITIES HLD UPGRADE TO 285 MGD

Item	Description	Original Engineer's Estimated Cost	Additions To Project	Revised Engineer's Cost Estimate
1.	<b>CIVIL</b> a) Clearing and Demolition b) Off-site sub-grade soil c) Off-site limerock base d) Pond equalization piping	\$2,100,000	<b>\$100,000</b> \$20,000 \$40,000 \$40,000 -	\$2,200,000
2.	<b>UTILITIES</b> a) Sanitary sewer/force main b) Sanitary manholes c) Water System d) Fire System e) Drainage Work	\$700,000	<b>\$276,000</b> \$40,000 \$7,000 \$14,000 \$18,000 \$197,000	\$976,000
3.	<b>PREFABRICATED OFFICE BUILDING</b> a) earthwork b) reinforced concrete c) prefabricated building d) walls, ceiling, insulation e) electrical f) mechanical g) architectural / office furnishings	<b>\$1,900,000</b> \$150,000 \$200,000 \$700,000 \$250,000 \$200,000 \$200,000 \$200,000	<b>\$368,000</b> - - \$55,000 - \$185,000 \$60,000 \$68,000	\$2,268,000
4.	<b>METER BUILDING</b> a) earthwork b) reinforced concrete c) block walls/stucco d) architectural e) electrical cabinets, panels, wiring f) mechanical g) lighting	<b>\$240,000</b> \$20,000 \$35,000 \$45,000 \$25,000 \$85,000 \$15,000 \$15,000	<b>\$96,000</b> - - \$8,000 \$30,000 \$50,000 \$8,000 -	\$336,000
5.	<b>FPL / BELL SOUTH</b> Power feed Ductbanks Manholes Electrical carts Electrical carts w/deck	\$940,000	<b>\$192,000</b> \$82,000 \$100,000 \$10,000 - -	\$1,132,000
6.	Communication / Instrumentation / Security	\$700,000	<b>\$234,000</b>	\$934,000
7.	Utility relocation and Unforeseen conditions	\$320,000	(-\$163,000)	\$157,000
8.	MOBILIZATION / DEMOBILIZATION	\$203,000	\$293,000	\$496,000
	<b>SUB-TOTAL</b>	<b>\$7,103,000</b>	<b>\$1,396,000</b>	<b>\$8,499,000</b>
	DEDICATED ALLOWANCE ACCOUNTS			
	- Siemens Technology Security System		\$320,000	\$320,000
	- Unidentified Rock Removal		\$20,000	\$20,000
	- Bell South Off-site Works		\$50,000	\$50,000
	ALLOWANCE ACCOUNT	\$690,000	\$110,000	\$800,000
	PERMIT FEES	\$207,000	\$33,000	\$240,000
	<b>TOTAL</b>	<b>\$8,000,000</b>	<b>\$1,929,000</b>	<b>\$9,929,000</b>

# Memorandum



**Date:** August 14, 2007

**To:** John W. Renfrow, Director  
Water And Sewer Department

**From:** Penelope Townsley, Interim Director  
Small Business Affairs/Department of Procurement Management

**Subject:** CSBE Compliance Review of Contract No. S-825, South District Wastewater Treatment Plant, HLD Upgrade to 285 MGD, Temporary Office Facilities

Small Business Affairs/Department of Procurement Management (SBA/DPM) has completed its review of the above-referenced project for compliance with the Community Small Business Enterprise (CSBE) Program. The contract measure applicable to this project is an 27% CSBE subcontractor goal.

The Construction Contracts Section of The Miami-Dade Water and Sewer Department submitted bid documents from Central Florida Equipment Rentals, Inc. and Harry Pepper & Associates, Inc., for compliance review.

Central Florida Equipment Rentals, Inc., submitted the required Schedule of Intent (SOI) Affidavits committing to utilize BCL Construction, a certified CSBE firm, to perform general construction work for field office and meter building (concrete shell, sidewalks, ramps, stairs, rough carpentry, and interior finishes) at 20.41% and Canseco Electrical, a certified CSBE firm, to perform electrical work at 7.38%. Each subcontractor signed its respective SOI Affidavit in agreement with the information listed. In a clarification letter to SBA/DPM, Central Florida Equipment Rentals, Inc., confirmed that each of the aforementioned CSBE subcontractors would perform work from the following Item Numbers in its proposal: 3A (field office pre-engineered building materials), 3B (field office pre-engineering building installation), 6A (meter building materials), and 6B (meter building installation). Central Florida Equipment Rentals, Inc. has fulfilled the contract measure requirement and is in compliance with the CSBE Participation Provisions.

Harry Pepper & Associates, Inc. submitted the required Schedule of Intent (SOI) Affidavits committing to utilize CW Construction, Inc., a certified CSBE firm, to perform building construction including pre-engineered structures, structural work, architectural work, interior finishes and furnishings at 27%. CW Construction, Inc. signed the SOI Affidavit in agreement with the information listed. In a clarification letter to SBA/DPM, Harry Pepper & Associates, Inc. confirmed that CW Construction, Inc. would perform work from the following Item Numbers from its proposal: 3A (field office pre-engineered building materials), 3B (field office pre-engineering building installation), 5A (field office sitework materials), 5B (field office sitework installation), 6A (meter building materials), and 6B (meter building installation). Harry Pepper & Associates, Inc. has fulfilled the contract measure requirement and is in compliance with the CSBE Participation Provisions.

SBA/DPM staff only reviewed and addressed compliance with the CSBE program. The Construction Contracts Section of The Miami-Dade Water and Sewer Department is responsible for any other issues that may exist.

Should you have any questions or need any additional information, please do not hesitate to call Kelly Duncombe at (305) 375-3136.

cc: Alma Santiago, WASD  
Patrice King, SBA/DPM  
File



**Dept. of Business Development**  
*Project Worksheet*

Project/Contract Title: SOUTH DISTRICT WASTEWATER TREATMENT PLANT, HLD UPGRADE TO RC Date: 04/25/2007  
 285 MGD, TEMPORARY OFFICE FACILITIES (SIC 16) 3-06

Project/Contract No: S-825 Funding Source: Item No:  
 Department: WATER & SEWER DEPARTMENT ER-47650

Estimated Cost of Project/Bid: \$8,000,000.00 Resubmittal Date(s):

Description of Project/Bid: THE WORK CONSISTS OF FURNISHING ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY FOR THE SITE PREPARATION AND COMMON FACILITIES TO HOUSE CONSTRUCTION MANAGEMENT STAFF ADN UP TO 45 TRAILERS FOR CONTRACTORS/SUBCONTRACTORS UNDER MULTIPLE FUTURE CONTRACTS AT THE SOUTH DISTRICT WASTEWATER TREATMENT PLANT, LOCATED AT 23300 SW 88th AVENUE, IN MIAMI-DADE COUNTY, FLORIDA.

Contract Measures Recommendation		
Measure	Program	Goal Percent
Goal	CSBE	26.75%

**Reasons for Recommendation**

An analysis of the factors contained in Section VI C of Administrative Order 3-22 indicate that a goal is appropriate for this project in the trades of earthwork (All Other Heavy Construction), reinforced concrete (Structural Steel Erection Contractors), prefabricated building, architectural/office furnishings (Commercial and Institutional Building Construction), block walls/stucco (Masonry and Stone Wall Contractors), walls, ceiling, insulation (Drywall, Plastering, Acoustical and Insulation Contractors), electrical, and mechanical.

CWP Not Applicable: Not in DTA

Analysis for Recommendation of a Goal				
Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
Drywall, Plastering, Acoustical, and Insulation Contractors	CSBE	\$250,000.00	3.13%	18
Structural Steel Erection Contractors	CSBE	\$235,200.00	2.94%	9
All Other Heavy Construction	CSBE	\$170,000.00	2.13%	16
Plumbing, Heating, and Air-Conditioning Contractors	CSBE	\$214,960.00	2.69%	24
Electrical Contractors	CSBE	\$300,000.00	3.75%	43
Masonry and Stone Contractors	CSBE	\$44,800.00	0.56%	11
Commercial and Institutional Building Construction	CSBE	\$924,800.00	11.56%	104
<b>Total</b>		\$2,139,760.00	26.75%	

Living Wages: YES  NO  Highway: YES  NO  Heavy Construction: YES  NO   
 Responsible Wages: YES  NO  Building: YES  NO

*Ordinance 90-143 is applicable to all construction projects over \$100,000 that do not utilize Federal Funds*

**REVIEW COMMITTEE RECOMMENDATION**

Tier 1 Set Aside \_\_\_\_\_

Set Aside \_\_\_\_\_ Level 1 \_\_\_\_\_ Level 2 \_\_\_\_\_ Level 3 \_\_\_\_\_

Trade Set Aside (MCC) \_\_\_\_\_ Goal 27% CSBE Bid Preference \_\_\_\_\_

No Measure \_\_\_\_\_ Deferred \_\_\_\_\_ Selection Factor \_\_\_\_\_

 4/25/07  
 Chairperson, Review Committee Date County Manager Date

STRATEGIC AREA: Neighborhood and Unincorporated Area Municipal Services  
 DEPARTMENT: Water and Sewer

\*\*\*\*\* FUNDED PROJECTS \*\*\*\*\*  
 (dollars in thousands)

**SOUTH DISTRICT WASTEWATER TREATMENT PLANT - HIGH LEVEL DISINFECTION**

**PROJECT # 96510240**

DESCRIPTION: Construct treatment facilities for high level disinfection to meet regulatory requirements

LOCATION: 8950 SW 232 St

Unincorporated Miami-Dade County

DISTRICT LOCATED: 8

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

DISTRICT(s) SERVED: Systemwide

REVENUE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
Wastewater Connection Charges	28,220	3,838	19,883	16,902	11,361	2,570	0	0	82,774
State Revolving Loan Wastewater Program	0	0	0	55,000	45,000	0	0	0	100,000
WASD Revenue Bonds Sold	94,462	0	0	0	0	0	0	0	94,462
Future WASD Revenue Bonds	0	0	0	223,702	0	0	0	4,600	228,302
<b>TOTAL REVENUE:</b>	<b>122,682</b>	<b>3,838</b>	<b>19,883</b>	<b>295,604</b>	<b>56,361</b>	<b>2,570</b>	<b>0</b>	<b>4,600</b>	<b>505,538</b>
EXPENDITURE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
Planning and Design	1,511	1,685	9,868	18,005	13,553	959	0	419	46,000
Construction	15,091	16,830	98,587	179,870	135,399	9,580	0	4,181	459,538
<b>TOTAL EXPENDITURES:</b>	<b>16,602</b>	<b>18,515</b>	<b>108,455</b>	<b>197,875</b>	<b>148,952</b>	<b>10,539</b>	<b>0</b>	<b>4,600</b>	<b>505,538</b>

**SOUTH DISTRICT WASTEWATER TREATMENT PLANT EXPANSION - PHASE III**

**PROJECT # 9655481**

DESCRIPTION: Expand the South District Wastewater Plant and injection wells; and install emergency generators

LOCATION: 8950 SW 232 St

Unincorporated Miami-Dade County

DISTRICT LOCATED: 8

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

DISTRICT(s) SERVED: Systemwide

REVENUE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
Wastewater Connection Charges	7,000	0	0	1,000	1,000	3,000	2,000	0	14,000
Future WASD Revenue Bonds	0	0	0	0	0	0	60,000	21,000	81,000
<b>TOTAL REVENUE:</b>	<b>7,000</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	<b>1,000</b>	<b>3,000</b>	<b>62,000</b>	<b>21,000</b>	<b>95,000</b>
EXPENDITURE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
Planning and Design	0	0	0	136	318	637	2,912	4,641	8,644
Construction	0	0	0	1,364	3,182	6,363	29,088	46,359	86,356
<b>TOTAL EXPENDITURES:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500</b>	<b>3,500</b>	<b>7,000</b>	<b>32,000</b>	<b>51,000</b>	<b>95,000</b>

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**BUDGET PROJECT 96510240**

Project Title: 96510240-SOUTH DISTRICT WASTEWATER TREATMENT PLANT - HIGH LEVEL DISINFECTION

Project Desc: Construct treatment facilities for high-level disinfection to meet regulatory requirements

Project \$\$ (\$\$ in 000's)	Start:	End:	Prior:	06-07:	07-08:	08-09:	09-10:	Total:
	<u>10/1/2002</u>	<u>9/30/2009</u>	<u>16,602</u>	<u>18,515</u>	<u>108,455</u>	<u>197,875</u>	<u>148,952</u>	<u>505,538</u>

Project Type:

**CDPWeb Project Milestones (\$ IN 000'S)**

Milestone:	Start:	End:	Prior:	06-07:	07-08:	08-09:	09-10:	Total:
Planning/Design	N/A	N/A	1,511	1,685	9,868	18,005	13,553	46,000
Construction	N/A	N/A	15,091	16,830	98,587	179,870	135,399	459,538

**CDPWeb Project Revenue (\$ IN 000'S)**

Revenue:	Start:	End:	Prior:	06-07:	07-08:	08-09:	09-10:	Total:
Wastewater Connection	N/A	N/A	28,220	3,838	19,883	16,902	11,361	82,774
State Revolving Loan	N/A	N/A	0	0	0	55,000	45,000	100,000

**Current Contracts for Project 96510240**

Dept	ContractNo	Contract Name	RTA Budget Allocation	Award Budget Allocation	CIIS Award
WS	<u>E07-WASD-02</u>	Design and Construction Manage	\$55,000,000.00	\$0.00	\$0.00
WS	<u>E07-WASD-05</u>	Construction Engineering & Ins	\$6,050,000.00	\$0.00	\$0.00
WS	<u>S-805</u>	South District Wastewater Trea	\$130,000,000.00	\$0.00	\$0.00
WS	<u>S-806</u>	South District Wastewater Trea	\$25,001,000.00	\$0.00	\$0.00
WS	<u>S-813</u>	South District Wastewater Trea	\$14,000,000.00	\$0.00	\$0.00
WS	<u>S-813 (A)</u>	South District Wastewater Trea	\$0.00	\$10,132,996.00	\$8,967,253.10
WS	<u>S-816</u>	South District Wastewater Trea	\$0.00	\$8,830,950.00	\$7,815,000.00
WS	<u>S-816</u>	South District Wastewater Trea	\$11,700,000.00	\$0.00	\$7,815,000.00
WS	<u>S-825</u>	South District Wastewater Trea	\$8,000,000.00	\$0.00	\$9,487,557.56
WS	<u>S-825</u>	South District Wastewater Trea	\$0.00	\$11,110,940.05	\$9,487,557.56
WS	<u>S-828</u>	South District Wastewater Trea	\$16,000,000.00	\$0.00	\$0.00
WS	<u>S-828 (A)</u>	South District Wastewater Trea	\$0.00	\$14,474,955.00	\$12,703,500.00

Total Allocated: \$265,751,000.00 \$44,549,841.05

**Current Sites for Project 96510240**

Site	Location
<u>72970</u>	23300 SW 88 AVE 33032

MIAMI-DADE WATER AND SEWER DEPARTMENT  
MIAMI-DADE COUNTY

SOUTH DISTRICT WASTEWATER TREATMENT PLANT  
HLD UPGRADE TO 285 MGD TEMPORARY FIELD OFFICE FACILITIES  
CONTRACT NO. S-825

ESTIMATE: \$8,000,000

TABULATION OF BIDS		Central Florida Equipment Rentals, Inc. 9030 NW 97th Terrace Medley, Florida 33178		Harry Pepper & Associates, Inc. 18902-A Northeast 5th Avenue Miami, FL 33179		Metro Equipment Service, Inc. 9425 Sunset Drive #225 Miami, FL 33173	
						Bid Date: July 31, 2007	
No.	Description	Quant.	Unit	Total	Unit	Total	Total
1.	Performing preparatory work & operations in mobilizing for beginning the work of the project, but excluding materials & permit costs, both of which are paid under other payment items	Aggr. Sum		\$617,019.87		\$466,192.36	\$1,200,000.00
2A.	All cost of selling & delivering to Miami Dade Water & Sewer Department, ready for installation, CMP pond equalization piping	Aggr. Sum		406,956.28		1,032,642.00	730,000.00
2B.	All costs incurred in installing of all materials, equipment & supplies for the complete CMP bond equalization piping system	Aggr. Sum		237,247.79		655,448.73	850,000.00
3A.	All cost of selling & delivering to Miami Dade Water & Sewer Department, ready for installation, the field office pre-engineered building & related facilities (foundation materials, building, architectural work, office furnishings A/C, plumbing fire & electrical systems, communications & instrumentation)	Aggr. Sum		2,097,575.29		1,228,085.43	850,000.00
3B.	All cost of installing of all materials, equipment & supplies for the complete the field office pre-engineered building & related facilities (foundation, building, architectural work office furnishings, A/C, plumbing fire & electrical systems, communications & instrumentation systems)	Aggr. Sum		2,084,737.45		1,224,575.65	850,000.00
4.	All cost of materials & installation of the FPL 13.2Y/7.6KV feed duct bank	Aggr. Sum		99,906.98		408,087.90	800,000.00
5A.	All cost of selling & delivering to Miami Dade Water & Sewer Department ready for installation, all field office sitework materials, utilities, lift station, force main, drainage works, etc.	Aggr. Sum		309,967.10		570,287.38	850,000.00
5B.	All cost of materials, labor & equipment to install all field office sitework, materials, utilities, lift station force main, drainage works, etc.	Aggr. Sum		483,259.30		518,634.71	950,000.00
6A.	All cost of selling & delivering to Miami Dade Water & Sewer Department ready for installation, all Meter Building materials, equipment & supplies	Aggr. Sum		388,570.64		330,959.26	910,000.00

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MIAMI-DADE WATER AND SEWER DEPARTMENT  
MIAMI-DADE COUNTY

SOUTH DISTRICT WASTEWATER TREATMENT PLANT  
HLD UPGRADE TO 285 MGD TEMPORARY FIELD OFFICE FACILITIES  
CONTRACT NO. S-825

ESTIMATE: \$8,000,000

TABULATION OF BIDS		Central Florida Equipment Rentals, Inc. 9030 NW 97th Terrace Medley, Florida 33178		Harry Pepper & Associates, Inc. 18902-A Northeast 5th Avenue Miami, FL 33179		Metro Equipment Service, Inc. 9425 Sunset Drive #225 Miami, FL 33173		Bid Date: July 31, 2007
Item No.	Description	Quant.	Unit	Total	Unit	Total	Unit	Total
6B.	All cost of materials, equipment & labor to install the Meter Building	Aggr. Sum		\$449,719.21		\$412,546.55		\$900,000.00
7A.	All cost of selling & delivering to Miami Dade Water & Sewer Department ready for installation, all concrete encased electrical ductbanks & manholes, materials equipment & supplies	Aggr. Sum		641,444.99		746,012.50		700,000.00
7B.	All cost of materials, equipment & labor to install all concrete encased electrical ductbanks & manholes	Aggr. Sum		836,667.36		887,500.00		750,000.00
8A.	All cost of selling & delivering to Miami Dade Water & Sewer Department ready for installation, 12-inch stabilized subgrade material	22,000 S.Y.	3.50	77,000.00	5.37	118,140.00	11.00	242,000.00
8B.	All cost of placement & compaction of 12-inch stabilized subgrade material	22,000 S.Y.	3.14	69,080.00	3.54	77,880.00	4.00	88,000.00
9A.	All cost of selling & delivering to Miami Dade Water & Sewer Department ready for installation, 6-inch limerock base material	19,000 S.Y.	6.99	132,810.00	6.67	126,730.00	4.65	88,350.00
9B.	All cost of placement & compaction of 6-inch limerock base material	19,000 S.Y.	4.70	89,300.00	5.75	109,250.00	2.00	38,000.00
10A.	All cost of selling & delivering to Miami Dade Water & Sewer Department ready for installation, 8-inch limerock base material	3,000 S.Y.	9.33	27,990.00	8.90	26,700.00	5.85	17,550.00
10B.	All cost of placement & compaction of 8-inch limerock base material	3,000 S.Y.	4.93	14,790.00	5.75	17,250.00	2.00	6,000.00
11A.	All cost of selling & delivering to Miami Dade Water & Sewer Department ready for installation, Type I asphaltic concrete material	20,000 S.Y.	5.44	108,800.00	3.67	73,400.00	4.65	93,000.00
11B.	All cost of placement & compaction of Type I asphaltic concrete material	20,000 S.Y.	5.58	111,600.00	5.39	107,800.00	2.50	50,000.00
12A.	All cost of selling & delivering to Miami Dade Water & Sewer Department ready for installation, earthwork, final sitework, civil works (except for field office sitework) materials	Aggr. Sum		10,402.60		114,597.00		400,000.00
12B.	All cost of materials, labor & equipment to install all earthwork, final sitework, civil works (except for field office sitework)	Aggr. Sum		43,698.82		85,413.63		450,000.00

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MIAMI-DADE WATER AND SEWER DEPARTMENT  
MIAMI-DADE COUNTY

SOUTH DISTRICT WASTEWATER TREATMENT PLANT  
HLD UPGRADE TO 285 MGD TEMPORARY FIELD OFFICE FACILITIES  
CONTRACT NO. S-825

ESTIMATE: \$8,000,000

TABULATION OF BIDS		Central Florida Equipment Rentals, Inc.		Harry Pepper & Associates, Inc.		Metro Equipment Service, Inc.	
BIDDERS		9030 NW 97th Terrace		18902-A Northeast 5th Avenue		9425 Sunset Drive #225	
		Medley, Florida 33178		Miami, FL 33179		Miami, FL 33173	
Item No.	Description	Quant.	Unit	Total	Unit	Total	Total
13.	All cost of selling & delivering to Miami Dade Water & Sewer Department the electric cart vehicles & accessories	Aggr. Sum		\$50,200.05		\$49,674.46	\$80,000.00
14.	Total cost for the remaining work not included in other Bid Items including demolition earthwork, painting, roadways, and to install Siemens Technologies Security System provided under Item 17	Aggr. Sum		25,230.11		47,250.00	80,000.00
15.	Complying with the State of Florida Trench Safety Act (TSA) for installing underground pipe, fittings & any other applicable items requiring its application	Aggr. Sum		66,638.88		52,500.00	1,500,000.00
16.	SUBTOTAL BID ITEMS 1 through 15			\$9,480,612.72		\$9,487,557.56	\$13,472,900.00
17.	Selling & materials services provided under Siemens Technologies Security Systems proposal reviewed & approved by County	Dedicated Allowance Account		320,000.00		320,000.00	320,000.00
18.	All cost of excavating removal stockpiling loading into trucks & hauling off-site to an approved disposal site, boulders, rubble & debris not identified on the Plans & found when excavating the site to the designated grades	Dedicated Allowance Account		20,000.00		20,000.00	20,000.00
19.	All cost of Bell South to provide off site telephone connections & service for the field office area	Dedicated Allowance Account		50,000.00		50,000.00	50,000.00
20.	Reimbursement of the Contractor's cost of required construction permits & fees calculated as three (3) percent of Bid Item 16	Dedicated Allowance Account		284,418.23		284,626.73	404,187.00
21.	Unforeseen conditions, minor construction changes & for additional work or materials not covered by other Proposal Items, calculated as ten (10) percent of Bid Item 16	Contingency Account		948,061.27		948,755.76	1,347,290.00
22.	TOTAL BID (items 16 THROUGH 21)			\$11,103,092.22		\$11,110,940.05	\$15,614,377.00

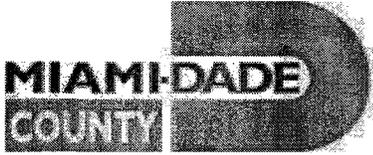
Find Contracts With Search String ==>

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# MIAMI-DADE COUNTY, FLORIDA

## Capital Improvements Information System

All Contracts for FEIN 591112058

Harry Pepper & Associates, Inc.

<u>DST</u>	<u>DPT</u>	<u>Contract</u>	<u>Name</u>	<u>Location / Contractor</u>	<u>Estimated Completion Date</u>	<u>Total Award</u>	<u>Last Status Date</u>	<u>% Complete / Status</u>
4	WS	<u>S-729</u>	North District Wastewater Trea	2575 NE 151 Street, Miami, FL	10/9/2002	\$1,250,000	<u>12/20/2005</u>	100% / Closed
8	WS	<u>S-825</u>	<u>South District Wastewater Trea</u>	<u>23300 SW 88 Avenue, Miami-Dade</u>	<u>N/A</u>	<u>\$9,487,558</u>		<u>0% / N/A</u>
Totals:					2	\$10,737,558		

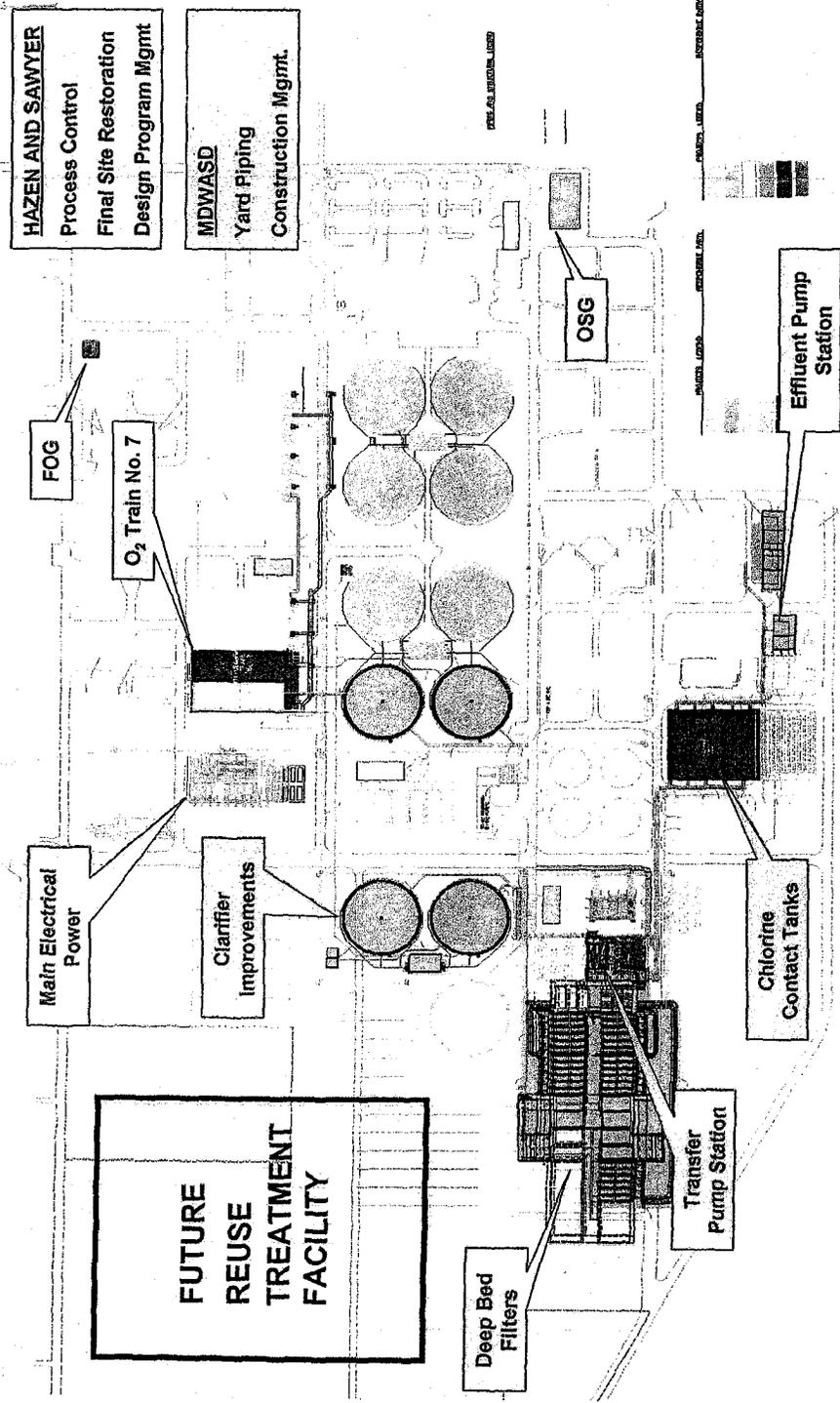
Status View

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Projects

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SDWWTP High Level Disinfection (HLD) 285 mgd- Bid Packages



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