OFFICIAL FILE COPY
CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

MEMORANDUM

MIAMI-DADE COUNTY

Date: June 2, 2009

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

Agenda Item No. 8(R)(1)(A)

From: George M. Burgess
County Manager

Resolution No. R-715-09

Subject: Request to Reject all Bids for the Upper Floridan Aquifer Blending Wells - Project No: W-903 (A), Division II - ESP; Contract No: W-903 (A), Division II

RECOMMENDATION

This request to reject all bids for construction Contract No. W-903 (A), Division II has been prepared by the Miami-Dade Water and Sewer Department (WASD) and is recommended for approval. This project is one in a series of projects under the 20-Year Water Use Permit (WUP) issued by the South Florida Water Management District (District). The project consists of constructing five production wells, in two different locations, which will be used to provide water from the Floridan Aquifer to blend with Biscayne Aquifer water. It is divided into two separate divisions: W-903 (A), Division I, located at the NW Wellfield, and W-903 (A), Division II, located at the Miami Springs Welfield.

This project has been postponed by the District due to the recent decreases in the demand for potable water as successful conservation efforts and flat population growth rates have eliminated the requirement for additional water supplies from wells used as blending wells or aquifer storage recovery wells. If in the future WASD determines that these wells are needed to support water demands, the project would be re-bid for the construction of some, or all the wells under a different contract.

SCOPE

PROJECT NAME: Upper Floridan Aquifer Blending Wells

PROJECT NO: W-903 (A), Division II - ESP

CONTRACT NO: W-903 (A), Division II

PROJECT DESCRIPTION: The project for W-903 (A), Division II at the Miami Springs Wellfield consists of furnishing all labor, materials and equipment necessary to construct two production wells to be used to provide blending water from the Floridan Aquifer. The wells will also be used to monitor pressures and water quality in the Floridan Aquifer when they are not being used for water production.

The scope of work for each well includes, but is not limited to the following: construction of a drilling pad, and wellhead; constructing four Biscayne Aquifer monitoring wells; furnishing and installing stainless steel submersible withdrawal pumps, including piping, valves, controls, and instrumentation; Supervisory Control and Data Acquisition (SCADA) installation; connections to the existing raw water mains; hydrologic and geologic testing during well construction; performing full well development and aquifer testing; and all other miscellaneous and appurtenant work for a complete project.

It is WASD'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: Upper Miami Springs Wellfield, at Dove Avenue and Lenape Drive, in the City of Miami Springs, Miami-Dade County, Florida

PROJECT SITES:

SITE #	LOCATION 1	DIST	ESTIMATE	T-S-R
#75018	DOVE AVE and LENAPE DR	6	$4,859,000.00	53-13-40

PRIMARY COMMISSION DISTRICT: District 6 Rebeca Sosa

APPROVAL PATH: Board of County Commissioners

USING DEPARTMENT: Miami-Dade Water and Sewer Department

MANAGING DEPARTMENT: Miami-Dade Water and Sewer Department

FISCAL IMPACT/FUNDING SOURCE:

FUNDING SOURCE:

SOURCE	AMOUNT
WASD Revenue Bonds Sold, Water Construction Fund, Water Connection Charges and Future WASD Revenue Bonds	$4,859,000.00

PTP FUNDING: No

GOB FUNDING: No

CAPITAL BUDGET PROJECT:	CAPITAL BUDGET PROJECT # - DESCRIPTION	RTA ESTIMATE
	962370- AQUIFER STORAGE RECOVERY - WELLFIELDS Book Page:293 Funding Year: Adopted Capital Budget Book for FY 2007-08, Prior Years' Funding	$4,859,000.00

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:	One of the following licenses is required: State General Contractor, General Engineering Contractor, and/or any other category as applicable to Chapter 489 of the Florida Statutes, or Chapter 10 of the Miami-Dade County Code. The following license is required for the well drilling portion of the project: Water Well License issued by the District.
ESTIMATED CONTRACT PERIOD:	365 Days
ESTIMATED CONTINGENCY PERIOD:	37 Days
IG FEE INCLUDED IN BASE CONTRACT:	Yes
ART IN PUBLIC PLACES:	No
BASE ESTIMATE:	$4,300,000.00

CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):	TYPE	PERCENT	AMOUNT	COMMENT
	Infrastructure	10%	$430,000.00	
PERMIT FEES :	$129,000.00	3.00%		
TOTAL DEDICATED ALLOWANCE:	$129,000.00			
COST ESTIMATE:	$4,859,000.00			

TRACK RECORD/MONITOR

Bids were received on October 15, 2008.

EXPLANATION: This project has been postponed by the South Florida Water Management District due to the recent decreases in the demand for potable water as successful conservation efforts and flat population growth rates have eliminated the requirement for additional water supplies from wells used as blending wells or aquifer storage recovery wells.

If in the future WASD determines that these wells are needed to support water demands, the project would be re-bid for the construction of some, or all the wells under a different contract.

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS: No

REVIEW COMMITTEE: **MEETING DATE:** 6/25/2008 **SIGNOFF DATE:** 6/25/2008

RESPONSIBLE WAGES: Yes

REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:

TYPE	GOAL	COMMENT
CSBE	8.00%	
CWP	0.00%	Not Applicable

MANDATORY CLEARING HOUSE: Yes

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

PROJECT MANAGER NAME/PHONE/EMAIL: William A. Pitt 786-552-8171 wpitt@miamidade.gov

Background

BACKGROUND: This project is one in a series of projects under the 20-Year WUP issued by the South Florida Water Management District on November 15, 2007. The project consists of constructing 5 production wells, in 2 different locations, which will be used to provide water from the Floridan Aquifer to blend with Biscayne Aquifer water. It is divided into two separate divisions: W-903 (A), Division I, and W-903 (A), Division II.

DEPARTMENT FINANCE: Diane Camacho

DEPT FINANCE OFFICER: **DATE:**

INDEX CODES: WASD Revenue Bonds Sold, Water Construction Fund, Water Connection Charges and Future WASD Revenue Bonds

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BUDGET APPROVAL FUNDS AVAILABLE: **OSBM DIRECTOR** **DATE** 3-24-09 OK

APPROVED AS TO LEGAL SUFFICIENCY: **COUNTY ATTORNEY** **DATE** 3/18/09 **CLERK DATE** **DATE**

CAPITAL IMPROVEMENTS CONCURRENCE: **OCI DIRECTOR** **DATE** 4-9-09 4

ASSISTANT COUNTY MANAGER **DATE** 4/16/09

MEMORANDUM

(Revised)

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

DATE: June 2, 2009

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

SUBJECT: Agenda Item No. 8(R)(1)(A)

Please note any items checked.

_____ **"4-Day Rule" ("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**

_____ **Bid waiver requiring County Mayor's written recommendation**

_____ **Ordinance creating a new board requires detailed County Manager's report for public hearing**

_____ **Housekeeping item (no policy decision required)**

_____ **No committee review**

5

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(R)(1)(A)
6-2-09

RESOLUTION NO. **R-715-09**

RESOLUTION REJECTING ALL BIDS RECEIVED ON OCTOBER 15, 2008 IN CONNECTION WITH MIAMI-DADE WATER AND SEWER DEPARTMENT'S UPPER FLORIDAN BLENDING WELLS PROJECT NO. W-903 (A) DIVISION II

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board finds that it is in the best interest of the County to reject all bids received for Miami-Dade Water and Sewer Department's Upper Floridan Blending Wells Project No. W-903 (A) Division II.

The foregoing resolution was offered by Commissioner **Jose "Pepe" Diaz** who moved its adoption. The motion was seconded by Commissioner **Rebeca Sosa** 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	**absent**
Dorrin D. Rolle	**aye**	Natacha Seijas	**absent**
Katy Sorenson	**aye**	Rebeca Sosa	**aye**
Sen. Javier D. Souto	**aye**		

The Chairperson thereupon declared the resolution duly passed and adopted this 2nd day of June, 2009. 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.

Henry N. Gillman

UPPER FLORIDAN AQUIFER BLENDING WELLS

MIAMI SPRINGS WELLFIELD

CONTRACT NO. W-903 (A), DIVISION II

BUDGET PROJECT AND DESCRIPTION: 962370- AQUIFER STORAGE RECOVERY - WELLFIELDS

FUNDING SOURCE: WASD REVENUE BONDS SOLD, WATER CONSTRUCTION FUND, WATER CONNECTION CHARGES AND FUTURE WASD REVENUE BONDS

ASSISTANT DIRECTOR, WATER - OPERATIONS:
RALPH TERRERO, P.E. — DATE 3/4/09

ASSISTANT DIRECTOR, ENGINEERING AND CAPITAL IMPROVEMENTS:
EDUARDO A. VEGA, P.E. — DATE 3/5/2009

WATER AND SEWER BUDGETARY AND FINANCIAL ADVISOR TO THE DIRECTOR:
PURSUANT TO OCI
PEDRO ~~L.~~ VELAR — DATE 3/6/09

ASSISTANT DIRECTOR, FINANCE:
DIANE CAMACHO — DATE 3/9/09

DEPUTY DIRECTOR, REGULATORY COMPLIANCE AND CAPITAL IMPROVEMENTS:
DOUG L. YODER, Ph.D. — DATE 3/9/09

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

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

WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION PROJECT # 9653261

DESCRIPTION: Renovate and replace wastewater treatment plant facilities and structures within plant sites

LOCATION: Systemwide
Systemwide

DISTRICT LOCATED: Systemwide
ESTIMATED ANNUAL OPERATING IMPACT: Minimal
DISTRICT(s) SERVED: Systemwide

REVENUE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Wastewater Renewal Fund	10,957	7,838	12,454	13,044	16,914	18,000	20,000	20,000	119,207
TOTAL REVENUE:	10,957	7,838	12,454	13,044	16,914	18,000	20,000	20,000	119,207

EXPENDITURE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Planning and Design	763	803	1,183	1,183	1,638	1,638	1,820	1,820	10,848
Construction	7,622	8,019	11,817	11,817	16,362	16,362	18,180	18,180	108,359
TOTAL EXPENDITURES:	8,385	8,822	13,000	13,000	18,000	18,000	20,000	20,000	119,207

Water Projects

AQUIFER STORAGE RECOVERY - WELLFIELDS PROJECT # 962370

DESCRIPTION: Improve the West and Southwest Wellfields with ultra-violet disinfection for aquifer storage recovery system of raw water; construct a Hialeah/Preston Floridan Aquifer blending wellfield

LOCATION: Systemwide
Systemwide

DISTRICT LOCATED: Systemwide
ESTIMATED ANNUAL OPERATING IMPACT: Minimal
DISTRICT(s) SERVED: Systemwide

REVENUE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Water Connection Charges	414	280	0	0	0	0	0	0	694
WASD Revenue Bonds Sold	4,548	0	0	0	0	0	0	0	4,548
Future WASD Revenue Bonds	0	0	0	6,598	0	0	0	0	6,598
Water Construction Fund	7,543	0	0	0	0	0	0	0	7,543
TOTAL REVENUE:	12,505	280	0	6,598	0	0	0	0	19,383

EXPENDITURE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Planning and Design	233	696	234	600	0	0	0	0	1,763
Construction	2,332	6,952	2,338	5,998	0	0	0	0	17,620
TOTAL EXPENDITURES:	2,565	7,648	2,572	6,598	0	0	0	0	19,383

9

Dept. of Business Development
Project Worksheet

DEPARTMENT OF BUSINESS DEVELOPMENT

Project/Contract Title: UPPER FLORIDAN AQUIFER BLENDING WELLS (SIC 16)
RC Date: 06/25/2008
Project/Contract No: W-903, DIVISION II
Funding Source:
Item No: 3-11
Department: WATER & SEWER DEPARTMENT
WASD REVENUE BONDS SOLD AND WA
Estimated Cost of Project/Bid: $4,730,000.00
Resubmittal Date(s):
Description of Project/Bid: W-903, DIVISION II CONSISTS OF FURNISHING ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT TWO PRODUCTIONS WELLS TO BE USED TO PROVIDE BLENDING WATER FROM THE FLORIDAN AQUIFER. THE WELLS WILL ALSO BE USED TO MONITOR PRESSURES AND WATER QUALITY IN THE FLORIDAN AQUIFER WHEN THEY ARE NOT BEING USED FOR WATER PRODUCTION. THIS PROJECT IS LOCATED AT MDWASD'S UPPER MIAMI SPRINGS WELLFIELD, AT DOVE & LENAPE DRIVE, IN THE CITY OF MIAMI SPRINGS, MIAMI-DADE COUNTY, FLORIDA.

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	CSBE	7.72%

Reasons for Recommendation

An analysis of the factors contained in Section VI C of Administrative Order 3-22 indicate that a goal is appropriate in the trades of electrical (instrumentation equipment, underground low Voltage Power, Underground Signal, Manholes Precast w/Iron Racks and Pulling Irons, and Switchgear Room) and structural - Drilling Pad, Meter and Valve Vault w/Access Hatches, Power Control Room, Switchgear Room (All Othr Heavy Construction).

CWP Not Applicable: Not in DTA

Analysis for Recommendation of a Goal

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
Electrical Contractors	CSBE	$234,995.86	4.97%	48
All Other Heavy Construction	CSBE	$129,999.32	2.75%	27
	Total	$364,995.18	7.72%	

Living Wages: YES [ ] NO [X] **Highway:** YES [ ] NO [X] **Heavy Construction:** YES [X] NO [ ]

Responsible Wages: YES [X] NO [ ] **Building:** YES [ ] NO [X]

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

REVIEW COMMITTE RECOMMENDATION

Tier 1 Set Aside _____

Set Aside _____ **Level 1** _____ **Level 2** _____ **Level 3** _____

Trade Set Aside (MCC) _____ **Goal** 8% **Bid Preference** _____

No Measure _____ **Deferred** _____ **Selection Factor** _____

Chairperson, Review Committee — Date 6/25/08 — County Manager — Date

10

DBDR0090 v. 2005.101

BUDGET PROJECT 962370 - (As per 2008-2009 Approved Budget)

Project Title: 962370-AQUIFER STORAGE RECOVERY - WELLFIELDS

Project Desc: Improve the West and Southwest Wellfields with ultra-violet disinfection for aquifer storage recovery system of raw water; construct a Hialeah/Preston Floridan Aquifer blending wellfield

	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
Expenditures	3,575,000	9,373,000	7,530,000	3,677,000	0	0	0	0	24,155,000
Revenue	16,357,000	4,090,000	786,000	2,922,000	0	0	0	0	24,155,000

CDPWeb Project Milestones ($ IN 000'S)

Milestone:	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
Planning/Design	325,000	853,000	685,000	335,000	0	0	0	0	2,198,000
Construction	3,250,000	8,520,000	6,845,000	3,342,000	0	0	0	0	21,957,000

CDPWeb Project Revenue

Revenue:	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
Water Connection Char	1,034,000	4,090,000	786,000	42,000	0	0	0	0	5,952,000
WASD Revenue Bonds So	4,565,000	0	0	0	0	0	0	0	4,565,000
Future WASD Revenue B	0	0	0	2,880,000	0	0	0	0	2,880,000
Water Construction Fu	10,758,000	0	0	0	0	0	0	0	10,758,000

CIIS Site Funding Info

SITE / Location:	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
75001-13680 NW 58 ST 33178	16,357,000	4,090,000	786,000	2,922,000	0	0	0	0	24,155,000

Add GEO Coded Site | PROJECT SITES | SITE SCHEDULES REPORT 20

EXIT

Current Contracts for Project 962370

Dept	ContractNo	Contract Name	RTA / MCC Estimated Allocation	Award / MCC Award Allocation	CIIS Award
WS	W-903 (A), Division II	Upper Floridan Aquifer Blending Wells	$4,859,000.00	$0.00	$0.00
WS	W-847	ASR Ultraviolet Disinfection System at the West and Southwest Well Fields	Cancelled	Cancelled	Cancelled
WS	W-847	ASR Ultraviolet Disinfection System at the West and Southwest Well Fields	Cancelled	Cancelled	Cancelled
WS	W-847	ASR Ultraviolet Disinfection System at the West and Southwest Well Fields	Cancelled	Cancelled	Cancelled
WS	W-847	ASR Ultraviolet Disinfection System at the West and Southwest Well Fields	Cancelled	Cancelled	Cancelled
WS	W-847R (A)	ASR Ultraviolet Disinfection Systems at the West and Southwest Wellfields	$0.00	$5,830,800.00	$5,830,800.00
WS	W-847R (A)	ASR Ultraviolet Disinfection Systems at the West and Southwest Wellfields	$687,000.00	$0.00	$5,830,800.00

11

WS	W-847R (A)	ASR Ultraviolet Disinfection Systems at the West and Southwest Wellfields	$1,925,000.00	$0.00	$5,830,800.00
WS	W-847R (A)	ASR Ultraviolet Disinfection Systems at the West and Southwest Wellfields	$2,088,000.00	$0.00	$5,830,800.00
WS	W-903 (A), Division I	Upper Floridan Aquifer Blending Wells	$8,458,050.00	$0.00	$0.00
		Total Allocated:	$18,017,050.00	$5,830,800.00	

MEMORANDUM

MIAMI-DADE COUNTY

CLERK OF THE BOARD
2008 AUG 27 AM 11:37
CLERK, CIRCUIT & COUNTY COURTS
DADE COUNTY, FLA.

Date: 7/15/2008

To: George M. Burgess
County Manager

From: John W. Renfrow, P.E.
Director
Miami-Dade Water and Sewer Department

Attn: Johnny Martinez, P.E.
Director
Office of Capital Improvements

Subject: Request to Advertise for Upper Floridan Aquifer Blending Wells - Project No: ~~N/A;~~ W-903 (A), Division II ESP
Contract No: W-903 (A), Division II

Recommendation

This request to advertise for construction Contract No. W-903 (A), Division II has been prepared by the Miami-Dade Water and Sewer Department (WASD) and is recommended for approval pursuant to Section 2-8.1 of the Code of Miami-Dade County. This project is one in a series of projects under the 20-Year Water Use Permit issued by the South Florida Water Management District on November 15, 2007. The project consists of constructing 5 production wells, in 2 different locations, which will be used to provide water from the Floridan Aquifer to blend with Biscayne Aquifer water. It is divided into two separate divisions: W-903 (A), Division I, and W-903 (A), Division II.

Scope

PROJECT NAME: Upper Floridan Aquifer Blending Wells

PROJECT NO: ~~N/A~~ W-903 (A), Division II ESP

CONTRACT NO: W-903(A), Division II

PROJECT DESCRIPTION: Contract No: W-903 (A) for Division I, and W-903 (A) for Division II will be bid simultaneously. Each contract shall be deemed as an individual contract, even if both contracts are awarded to one contractor. The work in both divisions shall progress concurrently to meet the requirements of each division. Bids will be accepted on one or both of the divisions.

The project for W-903 (A), Division II consists of furnishing all labor, materials and equipment necessary to construct 2 production wells to be used to provide blending water from the Floridan Aquifer. The wells will also be used to monitor pressures and water quality in the Floridan Aquifer when they are not being used for water production.

The scope of work for each well includes, but it is not limited to the following: construction of a drilling pad, and wellhead; constructing 4 Biscayne Aquifer monitoring wells; furnishing and installing stainless steel submersible withdrawal pumps, including piping, valves, controls, and instrumentation; Supervisory Control And

RECEIVED
2008 AUG -6 P 4:30
CAPITAL IMPROVEMENTS

Data Acquisition (SCADA) installation; connections to the existing raw water mains; hydrologic and geologic testing during well construction; performing full well development and aquifer testing; and all other miscellaneous and appurtenant work for a complete project.

It is WASD'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: Upper Miami Springs Wellfield, at Dove Avenue and Lenape Drive, in the City of Miami Springs, Miami-Dade County, Florida

PROJECT SITES:

LOCATION	DIST	ESTIMATE	T-S-R
DOVE AVE and LENAPE DR	6	$4,859,000.00	53-13-40

PRIMARY COMMISSION DISTRICT: District 6 Rebeca Sosa

APPROVAL PATH: Manager's Authority Section 2-8.1 of the Code

USING DEPARTMENT: Miami-Dade Water and Sewer Department

MANAGING DEPARTMENT: Miami-Dade Water and Sewer Department

Fiscal Impact / Funding Source

FUNDING SOURCE:

SOURCE	AMOUNT
WASD Revenue Bonds Sold, Water Construction Fund, Water Connection Charges and Future WASD Revenue Bonds	$4,859,000.00

PTP FUNDING: No

GOB FUNDING: No

CAPITAL BUDGET PROJECT:

BUDGET PROJECT / DESCRIPTION	RTA ESTIMATE
962370-AQUIFER STORAGE RECOVERY - WELLFIELDS Book Page: 293 Funding Year: Adopted Capital Budget Book for FY 2007-08, Prior Years' Funding	$4,859,000.00

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS: The following license is required: Water Well License issued by the South Florida Water Management District, and/or other categories as applicable to Chapter 489 of the Florida Statutes, or Chapter 10 of the Miami-Dade County Code.

ESTIMATED CONTRACT PERIOD:	365 Days
ESTIMATED CONTINGENCY PERIOD:	37 Days
IG FEE INCLUDED IN BASE CONTRACT:	Yes
ART IN PUBLIC PLACES:	No
BASE ESTIMATE:	$4,300,000.00

CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):	**TYPE**	**PERCENT**	**AMOUNT**	**COMMENT**
	Infrastructure	10%	$430,000.00	
PERMIT FEES :	$129,000.00	3.00%		
TOTAL DEDICATED ALLOWANCE:	$129,000.00			
COST ESTIMATE:	$4,859,000.00			

Track Record / Monitor

EXPLANATION:	Not Applicable. Information will be provided at time of award.
MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS:	No
REVIEW COMMITTEE:	**MEETING DATE:** 6/25/2008 **SIGNOFF DATE:** 6/25/2008
RESPONSIBLE WAGES:	Yes

REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:	**TYPE**	**GOAL**	**COMMENT**
	CSBE	8.00%	
	CWP	0.00%	Not Applicable

MANDATORY CLEARING HOUSE:	Yes		
CONTRACT MANAGER NAME/PHONE/EMAIL:	Alma M. Santiago, P.E.	(786)552-8243	AS1@miamidade.gov
PROJECT MANAGER NAME/PHONE/EMAIL:	William A. Pitt	786-552-8171	wpitt@miamidade.gov

BACKGROUND: This project is one in a series of projects under the 20-Year Water Use Permit issued by the South Florida Water Management District on November 15, 2007. The project consists of constructing 5 production wells, in 2 different locations, which will be used to provide water from the Floridan Aquifer to blend with Biscayne Aquifer water. It is divided into two separate divisions: W-903 (A), Division I, and W-903 (A), Division II.

15

DEPARTMENT BUDGET:	Pedro Velar **DEPT BUDGET OFFICER:**	7/15/08 **DATE:**
DEPARTMENT FINANCE:	Diane Camacho **DEPT FINANCE OFFICER:**	7/24/08 **DATE:**
INDEX CODES:	W015402	

BUDGET APPROVAL FUNDS AVAILABLE:	**OSBM DIRECTOR**	8-6-08 OK
CAPITAL IMPROVEMENTS CONCURRENCE:	GN 8/25 Johnny Martiñez, P.E. **OCI DIRECTOR**	8/25/08 **DATE**
	ASSISTANT COUNTY MANAGER	8/26 **DATE**

CLERK DATE _____

DATE

UPPER FLORIDAN AQUIFER BLENDING WELLS

CONTRACT NO. W-903 (A), DIVISION II

BUDGET PROJECT AND DESCRIPTION:	962370- AQUIFER STORAGE RECOVERY - WELLFIELDS
FUNDING SOURCE:	WASD REVENUE BONDS SOLD, WATER CONSTRUCTION FUND, WATER CONNECTION CHARGES AND FUTURE WASD REVENUE BONDS
INDEX CODE(S):	W015402

ASSISTANT DIRECTOR, ENGINEERING AND CAPITAL IMPROVEMENTS:

EDUARDO A. VEGA, P.E. — **DATE** 9/15/08

BUDGET AND CAPITAL FUNDING COORDINATION:

PEDRO VELAR — **DATE** 7/15/08

ASSISTANT DIRECTOR, FINANCE:

DIANE CAMACHO — **DATE** 7/24/08

DEPUTY DIRECTOR, REGULATORY COMPLIANCE AND CAPITAL IMPROVEMENTS:

DOUGLAS L. YODER, Ph.D. — **DATE** 7/24/08

DEPARTMENT OF BUSINESS DEVELOPMENT

Dept. of Business Development

Project Worksheet

Project/Contract Title:	UPPER FLORIDAN AQUIFER BLENDING WELLS (SIC 16)			**RC Date:**	06/25/2008
Project/Contract No:	W-903, DIVISION II	**Funding Source:**		**Item No:**	3-11
Department:	WATER & SEWER DEPARTMENT	WASD REVENUE BONDS SOLD AND WA			
Estimated Cost of Project/Bid:	$4,730,000.00			**Resubmittal Date(s):**	

Description of Project/Bid: W-903, DIVISION II CONSISTS OF FURNISHING ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT TWO PRODUCTIONS WELLS TO BE USED TO PROVIDE BLENDING WATER FROM THE FLORIDAN AQUIFER. THE WELLS WILL ALSO BE USED TO MONITOR PRESSURES AND WATER QUALITY IN THE FLORIDAN AQUIFER WHEN THEY ARE NOT BEING USED FOR WATER PRODUCTION. THIS PROJECT IS LOCATED AT MDWASD'S UPPER MIAMI SPRINGS WELLFIELD, AT DOVE & LENAPE DRIVE, IN THE CITY OF MIAMI SPRINGS, MIAMI-DADE COUNTY, FLORIDA

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	CSBE	7.72%

Reasons for Recommendation

An analysis of the factors contained in Section VI C of Administrative Order 3-22 indicate that a goal is appropriate in the trades of electrical (instrumentation equipment, underground low Voltage Power, Underground Signal, Manholes Precast w/Iron Racks and Pulling Irons, and Switchgear Room) and structural - Drilling Pad, Meter and Valve Vault w/Access Hatches, Power Control Room, Switchgear Room (All Othr Heavy Construction).

CWP Not Applicable: Not in DTA

Analysis for Recommendation of a Goal

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
Electrical Contractors	CSBE	$234,995.86	4.97%	48
All Other Heavy Construction	CSBE	$129,999.32	2.75%	27
	Total	$364,995.18	7.72%	

Living Wages: YES [ ] NO [X] **Highway:** YES [ ] NO [X] **Heavy Construction:** YES [X] NO [ ]

Responsible Wages: YES [X] NO [ ] **Building:** YES [ ] NO [X]

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

REVIEW COMMITTE RECOMMENDATION

Tier 1 Set Aside _____

Set Aside _____ **Level 1** _____ **Level 2** _____ **Level 3** _____

Trade Set Aside (MCC) _____ **Goal** 8% **Bid Preference** _____

No Measure _____ **Deferred** _____ **Selection Factor** _____

Chairperson, Review Committee — Date 6/25/08

County Manager — Date

DBDR0090 v. 20050101

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

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

WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION — PROJECT # 9653261

DESCRIPTION: Renovate and replace wastewater treatment plant facilities and structures within plant sites

LOCATION: Systemwide
Systemwide

DISTRICT LOCATED: Systemwide
DISTRICT(s) SERVED: Systemwide

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

REVENUE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Wastewater Renewal Fund	10,957	7,838	12,454	13,044	16,914	18,000	20,000	20,000	119,207
TOTAL REVENUE:	10,957	7,838	12,454	13,044	16,914	18,000	20,000	20,000	119,207

EXPENDITURE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Planning and Design	763	803	1,183	1,183	1,638	1,638	1,820	1,820	10,848
Construction	7,622	8,019	11,817	11,817	16,362	16,362	18,180	18,180	108,359
TOTAL EXPENDITURES:	8,385	8,822	13,000	13,000	18,000	18,000	20,000	20,000	119,207

Water Projects

AQUIFER STORAGE RECOVERY - WELLFIELDS — PROJECT # 962370

DESCRIPTION: Improve the West and Southwest Wellfields with ultra-violet disinfection for aquifer storage recovery system of raw water; construct a Hialeah/Preston Floridan Aquifer blending wellfield

LOCATION: Systemwide
Systemwide

DISTRICT LOCATED: Systemwide
DISTRICT(s) SERVED: Systemwide

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

REVENUE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Water Connection Charges	414	280	0	0	0	0	0	0	694
WASD Revenue Bonds Sold	4,548	0	0	0	0	0	0	0	4,548
Future WASD Revenue Bonds	0	0	0	6,598	0	0	0	0	6,598
Water Construction Fund	7,543	0	0	0	0	0	0	0	7,543
TOTAL REVENUE:	12,505	280	0	6,598	0	0	0	0	19,383

EXPENDITURE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Planning and Design	233	696	234	600	0	0	0	0	1,763
Construction	2,332	6,952	2,338	5,998	0	0	0	0	17,620
TOTAL EXPENDITURES:	2,565	7,648	2,572	6,598	0	0	0	0	19,383

19

BUDGET PROJECT 962370

Project Title: 962370-AQUIFER STORAGE RECOVERY - WELLFIELDS

Project Desc: Improve the West and Southwest Wellfields with ultra-violet disinfection for aquifer storage recovery system of raw water; construct a Hialeah/Preston Floridan Aquifer blending wellfield

Project($$ in 000's)	Start:	End:	Prior:	07-08:	08-09:	09-10:	10-11:	Total:
Expenditures	10/1/2006	9/30/2015	2,565	7,648	2,572	6,598	0	19,383
Revenue			0	0	0	0	0	0

Project Type: Capital Update Type

Project Path: Regular Update Path

CDPWeb Project Milestones ($ IN 000'S)

Milestone:	Start:	End:	Prior:	07-08:	08-09:	09-10:	10-11:	Total:
Planning/Design	N/A	N/A	233	696	234	600	0	1,763
Construction	N/A	N/A	2,332	6,952	2,338	5,998	0	17,620

CDPWeb Project Revenue ($ IN 000'S)

Revenue:	Start:	End:	Prior:	07-08:	08-09:	09-10:	10-11:	Total:
Water Connection Char	N/A	N/A	1,034	4,090	786	42	0	5,952

Add GEO Coded Site

EXIT

Current Contracts for Project 962370

Dept	ContractNo	Contract Name	RTA Budget Allocation	Award Budget Allocation	CIIS Award
WS	W-847	ASR Ultraviolet Disinfection S	Cancelled	Cancelled	Cancelled
WS	W-847	ASR Ultraviolet Disinfection S	Cancelled	Cancelled	Cancelled
WS	W-847	ASR Ultraviolet Disinfection S	Cancelled	Cancelled	Cancelled
WS	W-847	ASR Ultraviolet Disinfection S	Cancelled	Cancelled	Cancelled
WS	W-847R (A)	ASR Ultraviolet Disinfection S	$0.00	$5,830,800.00	$5,160,000.00
WS	W-847R (A)	ASR Ultraviolet Disinfection S	$687,000.00	$0.00	$5,160,000.00
WS	W-847R (A)	ASR Ultraviolet Disinfection S	$1,925,000.00	$0.00	$5,160,000.00
WS	W-847R (A)	ASR Ultraviolet Disinfection S	$2,088,000.00	$0.00	$5,160,000.00
WS	W-903 (A), Division I	Upper Floridan Aquifer Blendin	$8,458,050.00	$0.00	$0.00
WS	W-903 A, Division II	Upper Floridan Aquifer Blendin	$4,859,000.00	$0.00	$0.00

Total Allocated: $18,017,050.00 $5,830,800.00

Current Sites for Project 962370

Site	Location
75001	13680 NW 58 ST 33178

2007-08 CAPITAL BUDGET
(dollars in thousands)

Strategic Area / Department	Status	Prior Years	2007-08 Bonds	2007-08 State	2007-08 Federal	2007-08 Gas Tax	2007-08 Other	07-08 Total	Future	Projected Total Cost
VIRGINIA KEY LANDFILL STUDY AND CLOSURE GRANT	F	28,285	0	0	0	0	250	250	17,800	46,335
WEST MIAMI-DADE TRANSFER STATION TIPPING FLOOR	B	150	0	0	0	0	300	300	200	650
WEST MIAMI-DADE WASTE TRANSFER STATION REPLACEMENT OF FOURTH CRANE	D	100	0	0	0	0	180	180	0	280
WEST/SOUTHWEST TRASH AND RECYCLING CENTER	C	191	0	0	0	0	182	182	1,627	2,000
Department Total		**100,979**	**1,056**	**4,787**	**0**	**0**	**10,003**	**15,846**	**107,466**	**224,291**
Team Metro										
ABANDONED VEHICLE REMOVAL IN THE UNINCORPORATED MUNICIPAL SERVICE AREA	F	0	0	0	0	0	15	15	0	15
ELECTRONIC TICKETING SYSTEM	E	0	0	0	0	0	352	352	0	352
LOT CLEARING IN THE UNINCORPORATED MUNICIPAL SERVICE AREA	F	0	0	0	0	0	400	400	0	400
OFFICE RELOCATION BUILDOUT	F	0	0	0	0	0	250	250	0	250
UNSAFE STRUCTURES BOARD-UP AND DEMOLITION	F	0	0	0	0	0	25	25	0	25
Department Total		**0**	**0**	**0**	**0**	**0**	**1,042**	**1,042**	**0**	**1,042**
Water and Sewer										
AQUIFER STORAGE RECOVERY - WELLFIELDS	D	2,565	1,983	0	0	0	5,665	7,648	9,170	19,383
BISCAYNE BAY COASTAL WETLANDS REHYDRATION (52 MGD)	N	0	0	0	0	0	0	0	621,000	621,000
CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT	D	1,569	183	0	0	0	1,660	1,843	46,553	49,965
CENTRAL MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATION IMPROVEMENTS	D	2,228	0	0	0	0	530	530	76,470	79,228
CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS	D	6,696	0	0	0	0	994	994	21,012	28,702
CORROSION CONTROL FACILITIES IMPROVEMENTS	D	11,270	800	0	0	0	0	800	6,753	18,823
GRAVITY SEWER RENOVATIONS	D	28,586	0	0	0	0	6,820	6,820	33,756	69,162
LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS	D	6,292	0	0	0	0	5,439	5,439	58,552	70,283
NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT	D	823	692	0	0	0	233	925	11,784	13,532
NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS	D	2,664	37	0	0	0	543	580	0	3,244
NORTH MIAMI-DADE WATER TRANSMISSION MAIN IMPROVEMENTS	D	86	700	0	0	0	200	900	23,010	23,996
PEAK FLOW MANAGEMENT FACILITIES	D	30,899	0	0	0	0	3,328	3,328	345,975	380,202
PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES	D	200	0	0	0	0	0	0	8,000	8,200
PUMP STATION IMPROVEMENTS PROGRAM	D	26,340	4,664	0	0	0	9,216	13,880	50,772	90,992
SAFE DRINKING WATER ACT MODIFICATIONS (D-DBP)	D	38,769	0	0	0	0	0	0	0	38,769
SAFE DRINKING WATER ACT MODIFICATIONS- SWT RULE AND D-DBP	D	3,250	3,201	0	0	0	3,100	6,301	135,086	144,637
SANITARY SEWER SYSTEM EXTENSION	D	14,933	1,965	0	500	0	6,665	9,130	127,551	151,614
SANITARY SEWER SYSTEM IMPROVEMENTS	D	1,395	0	0	0	0	800	800	6,104	8,299
SOUTH DISTRICT WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS	D	0	0	0	0	0	0	0	3,800	3,800

* STATUS: A=Land/Building Acquisition; B=Planning/Design; C=Construction; D=Planning/Design/Construction; E=Equipment Acquisition; F=Other

MIAMI-DADE WATER AND SEWER DEPARTMENT

Projection by Project Sub-project by Year - Water

As of: 9/30/2007

Proj	Sub-Proj	Sub-Proj	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2007	Encumb.	Remaining Bond/Fund Allocation	PROJECTIONS 2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	Total
1077	101575	CONSTRUCTION MANAGEMENT AT SOUTH MIAMI HEIGHTS WTP	EW244	A	1,875,000	0	0	1,875,000			1,208,000	334,000	333,000						1,875,000
			EW251	A	3,055,000	0	0	3,055,000			375,000	2,680,000							3,055,000
			TOTAL - 101575		4,930,000	0	0	4,930,000	0	0	1,583,000	3,014,000	333,000	0	0	0	0	0	4,930,000
			TOTAL - 1077		99,706,567	12,751,197	0	86,955,370	4,215,663	15,057,242	34,216,818	21,180,543	12,285,102	0	0	0	0	0	86,955,368
1078	101368	TELEMETERING SYSTEM - WATER	EW221	A	5,796,136	796,136	0	5,000,000	500,000	2,600,000	500,000	400,000	250,000	250,000	250,000	250,000			5,000,000
			TOTAL - 101368		5,796,136	796,136	0	5,000,000	500,000	2,600,000	500,000	400,000	250,000	250,000	250,000	250,000	0	0	5,000,000
			TOTAL - 1078		5,796,136	796,136	0	5,000,000	500,000	2,600,000	500,000	400,000	250,000	250,000	250,000	250,000	0	0	5,000,000
1079	101192	HIALEAH/PRESTON FLORIDAN AQUIFER BLENDING WELLFIELD	2010W	F	2,880,000	0	0	2,880,000				2,880,000							2,880,000
			EW223	A	3,295,418	22,776	0	3,272,642	57,370	3,215,272									3,272,642
			EW244	A	180,462	92,680	0	87,782	87,782										87,782
			EW251	A	6,759,576	0	0	6,759,576	471,758	2,787,818	3,500,000								6,759,576
			TOTAL - 101192		13,115,456	115,455	0	13,000,001	616,910	6,003,090	3,500,000	2,880,000	0	0	0	0	0	0	13,000,000
1079	101437	ASR - UV DISINFECTION SYSTEM FOR ASR SYSTEM AT MIAMI-DADE COUNTY WEST AND SOUTHWEST WELLFIELD	EW223	A	372,866	92,585	0	280,281			280,281								280,281
			EW242	A	3,382,827	668,032	0	2,714,795	219,719	2,495,076									2,714,795
			EW251	A	3,999,058	0	0	3,999,058			3,244,134	754,924							3,999,058
			TOTAL - 101437		7,754,751	760,616	0	6,994,135	219,719	2,495,076	3,524,415	754,924	0	0	0	0	0	0	6,994,134

PROPOSED PROJECTS TO ACCELERATE CONSTRUCTION STIMULUS PROGRAM

SORTED AND SUB-TOTALED BY DEPARTMENT

PAGE NO FROM 2007-08 CAPITAL BUDGET BOOK	DEPT	COMMISSION DISTRICT	PROJECT NAME	PROJECT DESCRIPTION	PROJECT LOCATION	CONSTRUCTION TRADE(S)	CURRENT STATUS	PROJECTED ADVERTISE DATE	PROJECTED DESIGN/ CONSTRUCTION START DATE	ESTIMATED PROJECT COST
564	WASD	8,9	WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS /SANITARY SEWER SYSTEM EXTENSION	16" and 12" water mains, 10" and 8" gravity sewer mains and 12" force main. GOB 71799, GOB 71791. Perrine/Cutler Ridge Basin B.	SW 174 ST, W. OF S.B. US 1, E. OF MDX-Busway, 181 TERR/ WAYNE AVE.	Construction	Specs	10/1/08	4/15/09	$6,326,400
Operating Revenues	WASD	7	WATERWAY CANAL REPAIR	Sheeting & Embankment Repair	Coral Gables Canal on SW 48 St. and Biltmore Way.	Construction	Under the Cone of Silence	6/5/2008 (Actual)	10/17/08	$263,109
565	WASD	Multiple (12 and 6)	AQUIFER STORAGE RECOVERY (ASR) - WELLFIELDS	Blending Wells - Northwest Wellfield & Miami Springs Contract W-903	NWWF - 5901 NW 136 AVE.; UPPER MIAMI SPRINGS WELLFIELD -Dove Ave. between Apache St.& Lenape Dr.	Construction	Review Committee 6/25/08	8/11/08	12/15/08	$10,000,000
564	WASD	9	LIFT STATION STRUCTURAL MAINTENANCE & UPGRADES	Upgrade of Sewage Pumping Station P.S.# 1132	28250 S.W. 122 Ave.	Construction	Contractor Selection	8/15/08	11/30/08	$532,000
564	WASD	5	WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS /SANITARY SEWER SYSTEM EXTENSION	16" & 14" San. Swr in SW 18 Rd. Contract S-821	Sw 4 Ave. from Sw 11 to SW 18 St.	Construction	Going to Review Committee on 8/6/08	8/25/08	12/22/08	$3,325,000
564	WASD	6	WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS /SANITARY SEWER SYSTEM EXTENSION	Design and Construction of 8" WM. Replacing undersized WM. QN-26A	S. Waterway Dr Between .SW 67-69 Avenue & SW 68 Avenue Between. S. Waterway Dr. & SW 40 ST.	Design/Construction	Contractor Selection	8/25/08	10/27/08	$652,483
564	WASD	8	WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS /SANITARY SEWER SYSTEM EXTENSION	16" FM in SW 87 Ave (120 - 132 ST) CONTRACT S-778	SW 87 Ave. from Sw 132 St. to Sw 120 St.	Construction	Review Committee 6/25/08	7/28/08	11/3/08	$1,531,200

23