MEMORANDUM

MIAMI-DADE COUNTY

Date: December 4, 2007

To: Honorable Chairman Bruno A. Barreiro
and Members, Board of County Commissioners

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

From: George M. Burgess
County Manager

Subject: Contract Award Recommendation for Design and Construction Management Services for the Water Reclamation Facility - Project No: E07-WASD-03; Contract No: E07-WASD-03 (A)

Recommendation

This Recommendation for Award for Contract No. E07-WASD-03 (A) between MWH Americas, Inc. and Miami-Dade County has been prepared by the Miami-Dade Water and Sewer Department (MDWASD) and is recommended for approval pursuant to Section 2-8.2.11 of the Code Miami-Dade County. MWH Americas, Inc. will provide planning, design, permitting and construction management services for the implementation of a water reclamation facility at the Central District Wastewater Treatment Plant (CDWWTP) with capacity for approximately 1 million gallons per day (MGD). This project is an alternate water supply project mandated by the South Florida Water Management District to complete the requirements for the County's 20-year consumptive use permit.

Scope

PROJECT NAME: Design and Construction Management Services for the Central District Wastewater Treatment Plant Water Reclamation Facility

PROJECT NO: E07-WASD-03

CONTRACT NO: E07-WASD-03 (A)

PROJECT DESCRIPTION: The consultant, MWH Americas, Inc. will provide planning, design, permitting and construction management services for the construction of a water reclamation facility at the CDWWTP with capacity for approximately 1 MGD. This water reclamation facility will use the treated effluent to irrigate the Crandon Park Golf Course and other green areas in the Village of Key Biscayne.

The scope of work to be performed by MWH Americas, Inc. consists of a process evaluation including incorporating parts of existing facilities with any recommended upgrades; evaluation of the use of the appropriate membrane technologies to reduce existing plant effluent chlorides to acceptable levels; preparation of the conceptual design of the delivery systems including pipeline sizing, routing and storage; design of water reclamation pumping station and storage; preparation of complete detailed construction drawings and specifications and detailed cost estimates; attendance at meetings; provide contract interpretations and clarifications; review of claims and potential change order requests; review and processing of shop drawings; review of schedule of values and as-built drawings; assist in property acquisition; provide permitting and bidding services; provide construction management services; answer requests for information; provide start-up assistance and final inspection; utility coordination, surveying, and geotechnical work; preparation of operations and maintenance manuals and provide training for operations and maintenance of the plant; provide record drawings documentation; and

provide transactional system integration and database development through design and construction.

Design of water reclamation transmission lines for this Water Reclamation Facility at the CDWWTP is under the scope of another project (Project No. E07-WASD-07).

In addition, MWH Americas, Inc. will provide project coordination services which will include creating an implementation plan for the project, establishing and tracking the project schedule, setting the budget and respective deadlines, preparing status reports and attending meetings as requested. Public involvement services are also required for coordination with affected residents regarding the water reclamation systems.

PROJECT LOCATION:	3989 Rickenbacker Causeway, Key Biscayne, Fl 33149
PRIMARY COMMISSION DISTRICT:	District 7 Carlos A. Gimenez
APPROVAL PATH:	Board of County Commissioners
OCI A&E PROJECT NUMBER:	E07-WASD-03
USING DEPARTMENT:	Miami-Dade Water and Sewer Department
MANAGING DEPARTMENT:	Miami-Dade Water and Sewer Department

Fiscal Impact / Funding Source

FUNDING SOURCE:

SOURCE
Future WASD Revenue Bonds 2009S, Wastewater Connection Charges, WASD Revenue Bonds Sold

PTP FUNDING: No

GOB FUNDING: No

CAPITAL BUDGET PROJECT:

BUDGET PROJECT / DESCRIPTION	AWARD ESTIMATE
965630-WASTEWATER TREATMENT PLANTS EFFLUENT REUSE Book Page: 292 Funding Year: Proposed Capital Budget Book for FY 2007-08, Prior Years' Funds	$2,530,000.00

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:

TYPE	CODE	DESCRIPTION
Prime	6.03	WATER AND SANITARY SEWER SYSTEMS - WATER AND SANITARY SEWAGE TREATMENT PLANTS
Prime	11.00	GENERAL STRUCTURAL ENGINEERING
Prime	17.00	ENGINEERING CONSTRUCTION MANAGEMENT
Other	9.02	SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES

Other 12.00 GENERAL MECHANICAL ENGINEERING

Other 13.00 GENERAL ELECTRICAL ENGINEERING

Other 15.01 SURVEYING AND MAPPING - LAND SURVEYING

Other 16.00 GENERAL CIVIL ENGINEERING

NTPC'S DOWNLOADED:	84
PROPOSALS RECEIVED:	4
CONTRACT PERIOD:	1460 Calendar Days; 4 years: Planning/Design 1 year; Permitting/Procurement 1 year; Construction/Startup 2 years
CONTINGENCY PERIOD:	146
IG FEE INCLUDED IN BASE CONTRACT:	Yes
ART IN PUBLIC PLACES:	No
BASE ESTIMATE:	$2,300,000.00
BASE CONTRACT AMOUNT:	$2,300,000.00

CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):	**TYPE**	**PERCENT**	**AMOUNT**	**COMMENT**
	PSA	10%	$230,000.00	

TOTAL DEDICATED ALLOWANCE:	$0.00
TOTAL AMOUNT:	$2,530,000.00

Track Record / Monitor

EXPLANATION

At the First-Tier meeting on August 16, 2007 the Competitive Selection Committee voted to hold a Second-Tier meeting with the three firms that submitted proposals. The Competitive Selection Committee deemed one firm non-responsive. The Second-Tier meeting was held on September 17, 2007. The Competitive Selection Committee ranked MWH Americas, Inc. as the highest ranking firm.

The Negotiation Committee was approved on September 24, 2007. Negotiations commenced and were concluded on October 5, 2007. This is the recommendation to award the project to MWH Americas, Inc.

The Office of Capital Improvements CIIS database contains 4 evaluations for MWH Americas, Inc. in which has received an average rating of 3.8 out of a possible 4 points, which is an above satisfactory rating.

SUBMITTAL DATE: 7/25/2007

ESTIMATED NOTICE TO PROCEED:	1/30/2008
PRIME CONSULTANT:	MWH Americas, Inc.
COMPANY PRINCIPAL:	John Darmody, P.E.
COMPANY QUALIFIERS:	John Darmody, P.E.
COMPANY EMAIL ADDRESS:	luis.casado@mwhglobal.com
COMPANY STREET ADDRESS:	2655 LeJeune Road, Suite 320
COMPANY CITY-STATE-ZIP:	Coral Gables, FL 33134
YEARS IN BUSINESS:	50
PREVIOUS CONTRACTS WITH COUNTY IN THE LAST FIVE YEARS:	Two contracts totaling $10,820,000 have been executed during the last five years.
SUBCONSULTANTS:	Hazen and Sawyer, P.C., BCC Engineering, Inc., CES Consultants, Inc., Consul-Tech Surveying & Mapping, Inc., Geosol, Inc., Media Relations Group, LLC, Milian, Swain & Associates, Inc., Nova Consulting, Inc. and Separation Processes, Inc.
MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS:	No
REVIEW COMMITTEE:	**MEETING DATE:** 4/11/2007 **SIGNOFF DATE:** 4/11/2007
RESPONSIBLE WAGES:	No

REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:

MEASURE	**GOAL**	**COMMENT**
CBE	25.00% CBE	
CWF	0.00%	Not Applicable

MANDATORY CLEARING HOUSE:	No		
CONTRACT MANAGER NAME/PHONE/EMAIL:	Eduardo M. Luis	786-268-5279	emlui01@miamidade.gov
PROJECT MANAGER NAME/PHONE/EMAIL:	Patty David	786-552-8040	pattyd@miamidade.gov

Background

BACKGROUND: This project is part of MDWASD's Alternative Water Supply Plan which is a requirement of the "Miami-Dade Interim Consumptive Use Authorization and Agreement ", executed in May 2006 between Miami-Dade County and the South Florida Water Management District.

BUDGET APPROVAL FUNDS AVAILABLE:	**OSBM DIRECTOR**	11/20/07 **DATE**
APPROVED AS TO LEGAL SUFFICIENCY:	**COUNTY ATTORNEY**	11/6/07 **DATE**
CAPITAL IMPROVEMENTS CONCURRENCE:	**OCI DIRECTOR**	11/21/07 **DATE**
	ASSISTANT COUNTY MANAGER	11/21/07 **DATE**
CLERK DATE		**DATE**

Contract Award Recommendation
Design and Construction Management Services for the
Central District Wastewater Treatment Plant
Water Reclamation Facility
MWH Americas, Inc.
Project No. E07-WASD-03 ~~(A)~~

BUDGET PROJECT AND DESCRIPTION:	965630 – Wastewater Treatment Plants Effluent Reuse
FUNDING SOURCE:	Wastewater Connection Charges Future WASD Revenue Bonds 2009S WASD Revenue Bonds Sold
INDEX CODES:	EW623, EW643 and 2009S

ASSISTANT DIRECTOR, ENGINEERING:
EDUARDO A. VEGA, P.E. — DATE 11/5/07

DEPT. BUDGET OFFICER
PEDRO VELAR — DATE 11/2/07

ASSISTANT DIRECTOR, FINANCE
for DIANE CAMACHO — DATE 11/5/07

DEPUTY DIRECTOR, OPERATIONS
JOSEPH A. RUIZ, JR. — DATE 11/5/07

MEMORANDUM

(Revised)

TO: Honorable Chairman Bruno A. Barreiro and Members, Board of County Commissioners

DATE: December 4, 2007

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

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

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 Manager'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

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(R)(1)(H)
12-04-07

RESOLUTION NO. _____

RESOLUTION APPROVING AWARD OF A NON-EXCLUSIVE PROFESSIONAL SERVICE AGREEMENT CONTRACT NUMBER E07-WASD-03 (A) IN AN AMOUNT NOT TO EXCEED $2,530,000 TO MWH AMERICAS, INC. TO PROVIDE PLANNING, DESIGN, PERMITTING AND CONSTRUCTION MANAGEMENT SERVICES FOR THE WATER RECLAMATION FACILITY AT THE CENTRAL DISTRICT WASTEWATER TREATMENT PLANT AND AUTHORIZING COUNTY MAYOR OR HIS DESIGNEE TO EXECUTE SAME AND TO EXERCISE PROVISIONS CONTAINED THEREIN

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 hereby approves an award of a Non-Exclusive Professional Service Agreement Contract Number E07-WASD-03 (A) in an amount not to exceed $2,530,000 to MWH Americas, Inc. to provide planning, design, permitting, and construction management services for the Water Reclamation Facility at the Central District Wastewater Treatment Plant, in substantially the form attached hereto and made a part hereof; and authorizes the County Mayor or his designee to execute same and to exercise renewal and termination provisions contained therein.

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

Bruno A. Barreiro, Chairman
Barbara J. Jordan, Vice-Chairwoman

Jose "Pepe" Diaz	Audrey M. Edmonson
Carlos A. Gimenez	Sally A. Heyman
Joe A. Martinez	Dennis C. Moss
Dorrin D. Rolle	Natacha Seijas
Katy Sorenson	Rebeca Sosa
Sen. Javier D. Souto	

The Chairperson thereupon declared the resolution duly passed and adopted this 4th day of December, 2007. 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:_____
Deputy Clerk

Approved by County Attorney as to form and legal sufficiency

Henry N. Gillman

WASTEWATER TREATMENT PLANTS EFFLUENT REUSE PROJECT # 965630

DESCRIPTION: Begin planning and construction of facilities for an effluent reuse system at wastewater treatment plants

LOCATION: Systemwide
Systemwide

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

DISTRICT LOCATED: Systemwide
DISTRICT(s) SERVED: Systemwide

REVENUE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Wastewater Connection Charges	15,577	15,662	10,673	0	0	0	0	0	41,912
S. Fl. Water Mgmt. District Grant	5,000	0	0	0	0	0	0	0	5,000
WASD Revenue Bonds Sold	6,116	0	0	0	0	0	0	0	6,116
Future WASD Revenue Bonds	0	0	0	158,090	0	217,399	0	515,500	890,989
TOTAL REVENUE:	26,693	15,662	10,673	158,090	0	217,399	0	515,500	944,017

EXPENDITURE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Planning and Design	554	1,324	2,947	5,784	8,602	11,047	8,736	46,911	85,905
Construction	5,537	13,230	29,436	57,776	85,928	110,352	87,264	468,589	858,112
TOTAL EXPENDITURES:	6,091	14,554	32,383	63,560	94,530	121,399	96,000	515,500	944,017

WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES PROJECT # 9652061

DESCRIPTION: Upgrade wastewater treatment plants to meet regulatory requirements

LOCATION: Wastewater Treatment Plants
Systemwide

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

DISTRICT LOCATED: Systemwide
DISTRICT(s) SERVED: Systemwide

REVENUE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Wastewater Renewal Fund	1,055	0	0	0	0	0	0	0	1,055
Wastewater Connection Charges	462	0	0	0	0	0	0	0	462
WASD Revenue Bonds Sold	298	0	0	0	0	0	0	0	298
Future WASD Revenue Bonds	0	0	0	0	0	1,350	0	2,650	4,000
TOTAL REVENUE:	1,815	0	0	0	0	1,350	0	2,650	5,815

EXPENDITURE SCHEDULE:	PRIOR	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	FUTURE	TOTAL
Planning and Design	29	27	109	0	0	0	123	241	529
Construction	286	272	1,091	0	0	0	1,227	2,410	5,286
TOTAL EXPENDITURES:	315	299	1,200	0	0	0	1,350	2,651	5,815

BUDGET PROJECT 965630

Project Title: 965630-WASTEWATER TREATMENT PLANTS EFFLUENT REUSE

Project Desc: Begin planning and construction of facilities for an effluent reuse system at wastewater treatment plants

Project($$ in 000's)	Start:	End:	Prior:	07-08:	08-09:	09-10:	10-11:	Total:
Expenditures	10/1/2003	9/30/2007	6,091	14,554	32,383	63,560	94,530	944,017
Revenue			26,693	15,662	10,673	158,090	0	944,017

Project Type: Capital Update Type

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	554	1,324	2,947	5,784	8,602	85,905
Construction	N/A	N/A	5,537	13,230	29,436	57,776	85,928	858,112

CIIS Milestones | Add GEO Coded Site

EXIT

Current Contracts for Project 965630

Dept	ContractNo	Contract Name	RTA Budget Allocation	Award Budget Allocation	CIIS Award
WS	E07-WASD-02 (A)	Design and Construction Manage	$0.00	$13,088,000.00	$50,000,000.00
WS	E07-WASD-02 (A)	Design and Construction Manage	$0.00	$15,662,000.00	$50,000,000.00
WS	E07-WASD-02 (A)	Design and Construction Manage	$0.00	$10,673,000.00	$50,000,000.00
WS	E07-WASD-02 (A)	Design and Construction Manage	$0.00	$15,577,000.00	$50,000,000.00
WS	E07-WASD-03	Design and Construction Manage	$2,530,000.00	$0.00	$2,300,000.00
WS	E07-WASD-03	Design and Construction Manage	$0.00	$2,530,000.00	$2,300,000.00
WS	E07-WASD-04 (A)	Design and Construction Manage	$3,740,000.00	$0.00	$3,400,000.00
WS	E07-WASD-04 (A)	Design and Construction Manage	$0.00	$3,740,000.00	$3,400,000.00
WS	E07-WASD-07 (A)	Design of Distribution Pipelin	$1,650,000.00	$0.00	$0.00
WS	E07-WASD-08 (A)	Design of Transmission Pipelin	$2,750,000.00	$0.00	$0.00
		Total Allocated:	$10,670,000.00	$61,270,000.00	

There are no SItes for Project 965630

DBD
DEPARTMENT OF
BUSINESS DEVELOPMENT

Dept. of Business Development

Project Worksheet

Project/Contract Title: DESIGN AND CONSTRUCTION MANAGEMENT SERVICES FOR THE CENTRAL DISTRICT WASTEWATER TREATMENT PLANT WASTEWATER REUSE FACILITY (SIC 871)

RC Date: 04/11/2007
1-10

Project/Contract No: E07-WASD-03

Funding Source: VARIOUS

Item No:

Department: WATER & SEWER DEPARTMENT

Estimated Cost of Project/Bid: $2,300,000.00

Resubmittal Date(s):

Description of Project/Bid: TO ESTABLISH A CONTRACT TO EMPLOY AN ENGINEERING FIRM TO PROVIDE DESIGN AND CONSTRUCTION MANAGEMENT SERVICES FOR THE CONSTRUCTION OF THE CENTRAL DISTRICT WASTEWATER TREATMENT PLANT WASTEWATER REUSE FACILITY. THE SCOPE OF WORK SHALL ALSO INCLUDE PROCESS EVALUATION, RECOMMENDED UPGRADES AND EVALUATION OF THE USE OF THE APPROPRIATE MEMBRANE TECHNOLOGIES TO REDUCE EXISTING PLANT EFFLUENT CHLORIDES TO ACCEPTABLE LEVELS AND CONCEPTUAL DESIGN OF THE DELIVERY SYSTEMS (AMONGST OTHER FUNCTIONS).

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	CBE	25.00%

Reasons for Recommendation

This project meets all the criteria set forth in A.O. 3-32, Section V.

Funding source: Future WASD Revenue Bonds, WASD Revenue Bonds Sold, and Plant Expansion Wastewater Fund

SIC 871 - Architectural and Engineering Services

Analysis for Recommendation of a Goal

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
GENERAL MECHANICAL ENGINEERING	CBE	$345,000.00	15.00%	24
GENERAL ELECTRICAL ENGINEERING	CBE	$115,000.00	5.00%	25
GENERAL CIVIL ENGINEERING	CBE	$115,000.00	5.00%	56
	Total	$575,000.00	25.00%	

Living Wages: YES [ ] NO [X]

Responsible Wages: 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** 25% **Bid Preference** _____

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

Chairperson, Review Committee — Date 4.11.07

County Manager — Date

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Memorandum

MIAMI-DADE COUNTY

Date: August 20, 2007

To: Ian H. Yorty, Interim Director
Office of Capital Improvements

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

Subject: CBE Compliance Review
Project No. E07-WASD-03
Design and Construction Management Services for the Central District Wastewater Treatment Plant Wastewater Reuse Facility

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Small Business Affairs, Department of Procurement Management (SBA/DPM) has completed its review of the above-referenced project for compliance with the Community Business Enterprise (CBE-A/E) Program for Architectural and Engineering Services. The contract measure established for this project is a 25% CBE sub-consultant goal.

The Construction Contracts Section of the Miami-Dade Office of Capital Improvements has submitted proposals from Metcalf & Eddy, Inc. (#2), Earth Tech Consulting, Inc. (#3), and MWH Americas, Inc. (#4) for compliance review.

Metcalf & Eddy, Inc. (#2) submitted the required Schedule of Participation that listed CBE sub-consultant Precision Engineering and Surveying, Inc. to perform Surveying and Mapping-Land Surveying and General Civil Engineering at 8%; however, certification records reflects Precision Engineering and Surveying, Inc. as Precision Engineering Group, Inc., the result of a recent name change (with no other changes to its organizational structure or function). The Schedule of Participation also listed CBE sub-consultants EMTEC Corporation to perform General Mechanical Engineering and General Electrical Engineering also at 8%, Kaderabek Company to perform Geotechnical and Materials Engineering Services at 4%, and Ford Engineers, Inc. to perform General Civil Engineering and Engineering Construction Management at 5%. The Letters of Intent submitted were in agreement with the Schedule of Participation. Metcalf & Eddy, Inc. is in compliance with the CBE Participation Provisions.

Earth Tech Consulting, Inc. (#3) submitted the required Schedule of Participation that listed CBE sub-consultants Cardozo Engineering, Inc. to perform W & S Sewer Systems-Water and Sanitary Sewage Treatment Plants and Engineering Construction Management at 4%, GEOSOL, Inc. to perform Geotechnical and Materials Engineering Services at 1%, Milian, Swain & Associates, Inc. to perform W & S Sewer Systems-Water and Sanitary Sewage Treatment Plants and General Civil Engineering at 10%, Robayna & Associates, Inc. to perform General Structural Engineering, Surveying and Mapping-Land Surveying, and Engineering Construction Management at 1%, and Straightline Engineering, Inc. to perform W & S Sewer Systems-Water and Sanitary Sewage Treatment Plants and General Civil Engineering at 9%. The Letters of Intent submitted were in agreement with the Schedule of Participation. Earth Tech Consulting, Inc. is in compliance with the CBE Participation Provisions.

MWH Americas, Inc. (#4) submitted the required Schedule of Participation that listed CBE sub-consultants BCC Engineering, Inc. to perform General Civil Engineering and Engineering Construction Management at 3%, CES Consultants, Inc. to perform W & S Sewer Systems-Water and Sanitary

Sewage Treatment Plants, Geotechnical and Materials Engineering Services, General Structural Engineering, General Civil Engineering, and Engineering Construction Management at 10%, GEOSOL, Inc. to perform Geotechnical and Materials Engineering Services at 2%, Milian, Swain, & Associates, Inc. perform W & S Sewer Systems-Water and Sanitary Sewage Treatment Plants, General Civil Engineering, and Engineering Construction Management at 5%, and Nova Consulting, Inc. to perform W & S Sewer Systems-Water and Sanitary Sewage Treatment Plants and General Civil Engineering, also at 5%. The Letters of Intent submitted were in agreement with the Schedule of Participation. MWH Americas, Inc. is in compliance with the CBE Participation Provisions.

Please note that SBA/DPM staff only reviewed and addressed compliance with the CBE-A/E program. The Construction Contracts Section of the Miami-Dade Office of Capital Improvements is responsible for any other issues that may exist.

Should you have any questions or need any additional information, please do not hesitate to contact Vivian O. Walters, Jr. at (305) 375-3138.

cc: Miriam Singer, DPM
Luisa Millan-Donovan, OCI
Traci Adams-Parish, SBA/DPM
File

DBD
DEPARTMENT OF
BUSINESS DEVELOPMENT

MIAMI DADE COUNTY
A&E Firm History Report
From: 10/16/2002 **To:** 10/16/2007

FIRM NAME: MWH AMERICAS, INC.
2655 Le Jeune Rd, Suite 320
Coral Gables, FL 33134

PRIMES

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT	PAID TO PRIME AS OF	REQ TO DATE	DATE REPORTED	SUBCONTRACTORS
E04-WASD-04	1	WS	GOAL CBE 10%	02/04/2005	$2,020,000	$316,320	$0		* CHEN AND ASSOCIATES CONSULTING ENGINEERS, INC. - $2,462.32 * ENVIRONMENTAL RESOURCES MANAGEMENT SOUTHEAST, INC. - $74,000.00 * HAZEN AND SAWYER, P.C. - $7,622.83 * NOVA CONSULTING, INC. - $21,092.25 * ODOR SCIENCE & ENGINEERING, INC. - $6,200.00
GENERAL ODOR EVALUATION AND DESIGN FOR WASTEWATER FACILITIES					$2,020,000				
E06-WASD-12	1	WS	GOAL CBE 35%	10/02/2007	$8,800,000	$0	$0		* BND ENGINEERS, INC. - $0.00 * CARDOZO ENGINEERING, INC. - $0.00 * HR ENGINEERING SERVICES, INC. - $0.00 * MILIAN, SWAIN & ASSOCIATES, INC. - $0.00 * NOVA CONSULTING, INC. - $0.00
DESIGN OF UPGRADES TO MIAMI-DADE WATER AND SEWER DEPARTMENT'S WASTEWATER TREATMENT PLANTS (SIC 871)					$8,800,000				

Total Award Amount	**$10,820,000**
Total Change Orders Approved by BCC	**$0**
	$10,820,000
Total Change Orders Approved After Requested Date Range	**$0**
Total Change Orders Pending	**$0**
	$10,820,000

* Indicates closed or expired contracts

Change Orders without dates are pending BCC approval

Find Contracts With Search String ==>

Status View | Exit | Projects | Goto Bottom

MIAMI-DADE COUNTY, FLORIDA

Capital Improvements Information System

All Contracts for FEIN 951878805

MWH Americas, Inc.

DST	DPT	Contract	Name	Location / Contractor	Estimated Completion Date	Total Award	Last Status Date	% Complete / Status *
30	WS	05MWHA004	Odor Control Evaluation and De	Countywide	3/31/2008	$2,000,000	5/30/2007	0% / Work Order within Duration
30	WS	E01-WASD-05, Project 1	Program Management Services fo	Countywide	11/2/2005	$2,000,000	9/13/2007	84% / Work Order within Duration
7	WS	E06-WASD-12	Proposed Upgrades to MDWASD's	Central District Wastewater Tr	N/A	$8,000,000	3/26/2007	0% / On Schedule
7	WS	E07-WASD-03	Design and Construction Manage	3989 Rickenbacker Causeway, Ke	N/A	$2,300,000		0% / N/A
				Totals:	4	$14,300,000		

* Contracts with Green Name are PSA Agreements
Yellow Status=Inactive Contract

Status View | Exit | Projects | Goto Top

Exit

Capital Improvements Information System

Contractor Evaluations Report

Dept	Contract	Type	Contractor / Architect Name	Date	Rater	Period	Rate
WS	E01-WASD-05, Project 1	PSA	Montgomery Watson Harza	11/7/2006	Howard J Fallon Jr	Completion of study or design	3.8
WS	E01-WASD-05, Project 1	PSA	Montgomery Watson Harza	11/16/2006	Peter M Jelonek	Completion of study or design	3.7
WS	E01-WASD-05, Project 1	PSA	MWH Americas, Inc.	11/7/2006	Howard J Fallon Jr	Completion of study or design	3.8
WS	E01-WASD-05, Project 1	PSA	MWH Americas, Inc.	11/16/2006	Peter M Jelonek	Completion of study or design	3.7

Evaluation Count: 4 Contractors: 1 Average Evaluation: 3.8

Exit

MIAMI-DADE COUNTY, FLORIDA

Capital Improvements Information System

Miami-Dade Water and Sewer Department

Project Evaluation

Evaluation Type: Standard Evaluation

Contract: E01-WASD-05, Project 1 Work Order No: Task 11
Contract Name: Program Management Services for Wastewater Peak Flow Program
Award Amount: $2,000,000.00 Contact: Sara Leu (786) 552-8045
Contract Type: PSA
Contractor Consultant: MWH Americas, Inc. FEIN: 951878805

Evaluator ID: HJFAL01 Date: 11/7/2006 Period: Completion of study or design

Rating *						
	4	3	2	1	N/A	Criteria
1-		✓				Schedule - Quality of schedule & adherence to schedule resulting in timeliness and minimizing delay to the owner and community.
2-		✓				Cost effectiveness & efficiency - Budget compliance & value of work.
3-	✓					Vision - Design - Concepts or adherence to criteria.
4-	✓					Cooperation - Teamwork & relationship with owner, subs and suppliers.
5-	✓					Coordination - Ability to organize, schedule and complete tasks in adherence to the schedule.
6-	✓					Accuracy & Technical Skills - Cost estimating, scheduling, shop and other drawings, plans, manuals, project documentation and conflict resolution.
7-	✓					Completeness - Compliance with contract documents, permits, Codes & standards.
8-	✓					Responsiveness - Timely, clear & concise responses to owner comments and correspondence.
9-	✓					Commitment - Intangibles & contribution to project success.
10-	✓					Personnel - Quality and dedication of project staff.
11-	✓					Management - Leadership ability.
12-	✓					Quality - Work performed correctly the first time.

Overall Performance Average: 3.8

Documentation that supports this evaluation and Contractor's/Consultant's comments can be obtained by contacting:
Luis Casado at Phone# (305) 582-6024

Evaluation Reviewed by: Supervisor ☐ Division Chief ☐ Assistant Director ☐ Director ☐

The method of delivery of this evaluation to contractor/consultant: Certified Mail ☐ EMail ☐ Fax ☐ Hand ☐
(Unresponsive Performance by contractor/consultant requires 2 delivery methods)
Evaluation delivered to: Luis Casado, MWH

* Rating Key

4 Superior performance - Exemplary quality, no intervention required - project completed on time or early at or below budget with no change orders or amendments other than owner requested changes.

3 Satisfactory performance - Minor errors noted, addressed with timely corrective action. No serious errors noted or corrective action needed.

2 Guarded performance Errors and Omissions documented in writing with timely corrective action.

1 Unresponsive performance documented in writing without timely corrective action.

N/A. No Information

MIAMI-DADE COUNTY, FLORIDA

Capital Improvements Information System

Miami-Dade Water and Sewer Department

Project Evaluation

Evaluation Type: Standard Evaluation

Contract: E01-WASD-05, Project 1 Work Order No: Task 09

Contract Name: Program Management Services for Wastewater Peak Flow Program

Award Amount: $2,000,000.00 Contact: Sara Leu (786) 552-8045

Contract Type: PSA

Contractor Consultant: MWH Americas, Inc. FEIN: 951878805

Evaluator ID: pjelo01 Date: 11/16/2006 Period: Completion of study or design

Rating *						
	4	3	2	1	N/A	Criteria
1-		✓				Schedule - Quality of schedule & adherence to schedule resulting in timeliness and minimizing delay to the owner and community.
2-	✓					Cost effectiveness & efficiency - Budget compliance & value of work.
3-	✓					Vision - Design - Concepts or adherence to criteria.
4-	✓					Cooperation - Teamwork & relationship with owner, subs and suppliers.
5-	✓					Coordination - Ability to organize, schedule and complete tasks in adherence to the schedule.
6-		✓				Accuracy & Technical Skills - Cost estimating, scheduling, shop and other drawings, plans, manuals, project documentation and conflict resolution.
7-	✓					Completeness - Compliance with contract documents, permits, Codes & standards.
8-	✓					Responsiveness - Timely, clear & concise responses to owner comments and correspondence.
9-	✓					Commitment - Intangibles & contribution to project success.
10-	✓					Personnel - Quality and dedication of project staff.
11-					✓	Management - Leadership ability.
12-		✓				Quality - Work performed correctly the first time.

Overall Performance Average: 3.7

Documentation that supports this evaluation and Contractor's/Consultant's comments can be obtained by contacting:

Luis Casado at Phone# 954 846 0401

Evaluation Reviewed by: Supervisor ☑ Division Chief ☐ Assistant Director ☐ Director ☐

The method of delivery of this evaluation to contractor/consultant: Certified Mail ☐ EMail ☐ Fax ☐ Hand ☐

(Unresponsive Performance by contractor/consultant requires 2 delivery methods)

Evaluation delivered to: Luis Casado

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N/A. No Information

MIAMI-DADE COUNTY, FLORIDA

Capital Improvements Information System

Miami-Dade Water and Sewer Department

Project Evaluation

Evaluation Type: Standard Evaluation

Contract: E01-WASD-05, Project 1 Work Order No: Task 11
Contract Name: Program Management Services for Wastewater Peak Flow Program
Award Amount: $2,000,000.00 Contact: Sara Leu (786) 552-8045
Contract Type: PSA
Contractor Consultant: MWH Americas, Inc. FEIN: 951878805

Evaluator ID: HJFAL01 Date: 11/7/2006 Period: Completion of study or design

Rating *						
	4	3	2	1	N/A	Criteria
1-		✓				Schedule - Quality of schedule & adherence to schedule resulting in timeliness and minimizing delay to the owner and community.
2-		✓				Cost effectiveness & efficiency - Budget compliance & value of work.
3-	✓					Vision - Design - Concepts or adherence to criteria.
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5-	✓					Coordination - Ability to organize, schedule and complete tasks in adherence to the schedule.
6-	✓					Accuracy & Technical Skills - Cost estimating, scheduling, shop and other drawings, plans, manuals, project documentation and conflict resolution.
7-	✓					Completeness - Compliance with contract documents, permits, Codes & standards.
8-	✓					Responsiveness - Timely, clear & concise responses to owner comments and correspondence.
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N/A. No Information

MIAMI-DADE COUNTY, FLORIDA

Capital Improvements Information System

Miami-Dade Water and Sewer Department

Project Evaluation

Evaluation Type: Standard Evaluation

Contract: E01-WASD-05, Project 1
Work Order No: Task 09
Contract Name: Program Management Services for Wastewater Peak Flow Program
Award Amount: $2,000,000.00
Contact: Sara Leu (786) 552-8045
Contract Type: PSA
Contractor Consultant: MWH Americas, Inc.
FEIN: 951878805

Evaluator ID: pjelo01 Date: 11/16/2006 Period: Completion of study or design

Rating *						
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3-	✓					Vision - Design - Concepts or adherence to criteria.
4-	✓					Cooperation - Teamwork & relationship with owner, subs and suppliers.
5-	✓					Coordination - Ability to organize, schedule and complete tasks in adherence to the schedule.
6-		✓				Accuracy & Technical Skills - Cost estimating, scheduling, shop and other drawings, plans, manuals, project documentation and conflict resolution.
7-	✓					Completeness - Compliance with contract documents, permits, Codes & standards.
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N/A. No Information

NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT
BETWEEN
MIAMI-DADE COUNTY
AND
MWH AMERICAS, INC.

Agreement No. 07MWHA006

THIS NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT is made and entered into this _____ day of _____, 2007, by and between Miami-Dade County, a political subdivision of the State of Florida, hereinafter referred to as the "COUNTY", and MWH Americas, Inc. a Denver corporation authorized to do business in the State of Florida with offices in Miami-Dade County, hereinafter referred to as the "ENGINEER".

For and in consideration of the mutual agreements hereinafter contained, the COUNTY hereby retains the ENGINEER and the ENGINEER hereby covenants to provide the professional services described herein in connection with the Design and Construction Management Services for the Central District Wastewater Treatment Plant Water Reclamation Facility - hereinafter referred to as the "Project".

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Paragraph No.	Subject
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7.	Methods of Payments
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35. Sanctions for Contractual Violations
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1. COUNTY OBLIGATIONS AND AUTHORIZATION TO PROCEED: The COUNTY agrees that its Miami-Dade Water and Sewer Department, hereinafter referred to as the "Department", shall furnish to the ENGINEER any plans or other data available in the COUNTY files pertaining to the work to be performed under this Agreement. Information shown on such plans or data shall be that which has been made available to the COUNTY, and shall be provided to the ENGINEER without guarantee regarding its reliability and accuracy; the ENGINEER shall be responsible for independently verifying such information if it shall be used by the ENGINEER to accomplish the work undertaken pursuant to this Agreement.

   The ENGINEER shall submit a proposal upon the Director's request prior to the issuance of a task authorization to proceed. No payment shall be made for the ENGINEER's time or service in connection with the preparation of any such proposal. The Director or his designee shall confer with the ENGINEER before any authorization to proceed is issued to discuss and agree upon the scope, time for completion, and fee for services to be rendered pursuant to the task orders, subject to the conditions of this Agreement. No payment shall be made for the ENGINEER's time on services in connection with the preparation of any such proposal.

   The Director of the Miami-Dade Water and Sewer Department, hereinafter referred to as the "Director", or his designee, shall issue written task order authorizations to proceed to the ENGINEER for each section of the work to be performed hereunder. In case of emergency, the COUNTY, through the Director, reserves the right to issue oral authorizations to the ENGINEER with the understanding that written authorization shall follow within ten (10) working days. If no written authorization is issued within that time, the ENGINEER shall cease work and submit an invoice for work completed.

2. PROFESSIONAL SERVICES: Upon receipt of authorization to proceed from the Director, the ENGINEER agrees to perform professional services associated with the requested work in accordance with the negotiated terms of the applicable written task order authorization to proceed. The services under this Agreement shall be performed by the ENGINEER during hours which generally correspond but are not necessarily limited to those office hours of the Department. The services under this Agreement shall be performed by the ENGINEER. Said

services include providing planning, design, permitting and construction management services for the implementation of a Water Reclamation Facility at the MDWASD Central District Wastewater Treatment Plant with capacity of approximately 1 million gallons per day (MGD) pending finalization of water reclamation application points. Uses of water reclamation facility effluent will include irrigation at the Crandon Park Golf Course and green areas in the Village of Key Biscayne.

The scope of services will include process evaluation, including possible inclusion of a part of existing facilities with any recommended upgrades and evaluation of the use of the appropriate membrane technologies to reduce existing plant effluent chlorides to acceptable levels, conceptual design of the delivery systems including pipeline sizing, routing and storage, design of water reclamation pumping station and storage, preparation of complete detailed construction drawings and specifications, detailed cost estimates, attendance at meetings, contract interpretations and clarifications, review of claims and potential change order requests, review and processing of shop drawings, review of schedule of values and as-built drawings, assist in property acquisition, provide permitting services and bidding and construction management services, answering requests for information, start-up assistance and final inspection; utility coordination, surveying, and geotechnical work; prepare operations and maintenance manuals and provide training for operations and maintenance, provide record drawings documentation, provide transactional system integration and database development through design and construction. Design of water reclamation transmission lines will be by others. Project coordination services are anticipated to include, establish and track project schedule, budget and deadlines, prepare status reports and attend meetings as requested. Included also shall be public information services for coordination with residents and municipalities regarding the water reclamation systems.

Task Order One (Exhibit B) – MWH Americas, Inc. will perform Task Order One which will comprise of the following tasks for the Central District Wastewater Treatment Plant Water Reclamation Facility:

1. Preliminary Work Plan and Schedule
2. Kick-off and Progress Meetings
3. Review of Existing Information and Site Visit
4. Regulatory and Practical Reviews
5. Confirmation of Initial and Future Plant Capacity
6. Evaluations of Reuse Storage and Piping
7. Review of Treatment Options for Initial approximately 1 million gallons per day Plant
8. Final Report

The total compensation for Task Order One is $154,300 and the work should be completed 90 days once the Notice to Proceed has been issued. Any modification(s) made to Task Order One must be approved by the MDWASD Director or his designee. Additional task orders as authorized by the MDWASD Director will be forthcoming.

3. ENGINEER'S RESPONSIBILITIES: In connection with professional services to be rendered pursuant to this Agreement, the ENGINEER agrees to:

A. Use that degree of care and skill ordinarily exercised by other similar professionals in the field under similar conditions.

B. Maintain an adequate staff of qualified personnel on the work at all times to ensure its completion within the term specified in the applicable task order authorization to proceed.

C. Comply with the federal, state and local laws or ordinance applicable to the work.

D. Cooperate fully with the COUNTY in the scheduling and coordination of all phases of the work.

E. Report the status of the work to the Director upon request and hold pertinent data, and other products open to the inspection of the Director or designee at any reasonable time and during normal business hours.

F. Submit for COUNTY review design computations, sketches, and other data representative of the work's progress at the percentage stages of completion which may be stipulated in the applicable authorization to proceed. Submit for COUNTY approval the final work products upon incorporation of any modifications requested by the COUNTY during any previous review.

G. Confer with the COUNTY at any time during the further development and implementation of improvements for which the ENGINEER has provided design or other services as to interpretation of plans and other documents, correction of errors and omissions and preparation of any necessary plan thereof. The ENGINEER shall not be compensated for the correction of errors and omissions on the part of the ENGINEER.

H. Prior to final approval of the work by the Director, complete a preliminary check of any construction documents which require a permit or other approval from a county, city, state, or federal agency from which a permit or other approval is required.

I. Use computer and networking hardware, software and firmware standards as approved by the Information Technology (IT) Division of the Department. IT staff must be involved in the design phase of an application and in developing the testing, training and acceptance criteria of the application before it is placed into production. All applications and/or systems to be transferred to the COUNTY must have adequate end user and systems support documentation and as part of the design process for a project, any system needs should be identified and will require the approval of IT. All electronic data performed or produced in the performance of this agreement shall be transferred in an approved media and format by IT.

J. All systems developed by the ENGINEER pursuant to this Agreement shall become the property of the COUNTY.

K. Application design, operation and security shall follow the COUNTY and WASD IT standards. Costs incurred to comply with these if the system is developed outside these parameters will be the burden of the consultant.

L. The COUNTY reserves the right to require background checks on consultant staff working on sensitive WASD infrastructure information, especially GIS layers. The Department may request non-disclosure agreements to be signed regarding infrastructure information and shall hold the consultant responsible for the security of this data.

M. All consultant staff wishing to gain access to work via the COUNTY network will require a network ID and password issued within the guidelines set forth for security.

This ID will be terminated after use on the project, or if not signed-on to the network after 10 days.

4. TASK AUTHORIZATION: TIME FOR COMPLETION: The services to be rendered by the ENGINEER for each section of the work shall commence upon receipt of a written task order authorization to proceed from the Director or his designee subsequent to the execution of this Agreement, and be completed within the time stated in the authorization to proceed. Task assignment negotiations must be concluded within 21 calendar days from the date of the initial task order meeting between the department and consultant. Should negotiations and price proposal submittal not be provided within this time frame, the Office of Capital Improvements (OCI) shall be notified by the department to intervene, in an effort to resolve any delays.

5. DELAY IN PERFORMANCE: No claim for damages or any claim other than for an extension of time shall be made or asserted against the COUNTY by reason of any delays. The ENGINEER shall not be entitled to an increase in this Agreement sum or payment or compensation of any kind from the COUNTY or direct, indirect, consequential, impact or other costs, expenses or damages, including but not limited to costs of acceleration or inefficiency, arising because of delay, disruption, interference or hindrance from any cause whatsoever; provided, however, that this provision shall not preclude recovery or damages by the ENGINEER for hindrances or delays due solely to fraud, bad faith or active interference on the part of the COUNTY or its agents. Otherwise, the ENGINEER shall be entitled only to extensions of this Agreement time as the sole and exclusive remedy for such resulting delay, in accordance with and to the extent specifically provided below.

The time to perform this Agreement shall be extended only if the ENGINEER is delayed in performing any obligation under this Agreement due to a force majeure or inevitable accident or occurrence, the ENGINEER shall request in writing a time extension from the Director within ten (10) days of said force majeure or inevitable accident or occurrence. Failure to make such written request within the specified time shall be a ban on the ability of the ENGINEER to bring any civil action for either compensable or non-compensable time extension. For the purpose of this Paragraph, force majeure shall mean an act of God which includes but is not limited to sudden, unexpected or extraordinary forces of nature such as hurricanes, floods, washouts, storms, fires, earthquakes, landslides, epidemics, explosions or other forces of nature. Inevitable accidents or occurrences shall mean those which are unpreventable by the ENGINEER and shall include but not be limited to strikes, lockouts, other industrial disturbances, wars, blockades, acts of public enemies or terrorism, insurrections, riots, federal, state, county and local governmental restraints, military action, civil disturbances, explosions, conditions in federal, state, county and local permits, bid protests, manufacturing and delivery delays, unknown or unanticipated soil, water or ground conditions and cave-ins, and contract default by the COUNTY's other consulting and design engineers and contractors. Provision of the above specified notice shall be a condition precedent to maintenance of a claim for delay.

Such acts or events do not include inclement weather (except as noted above) or the acts or omissions of subconsultants, material men, suppliers, or their subcontractors, unless such acts or omissions are otherwise encompassed by the definition set forth above.

6. COMPENSATION: The COUNTY agrees to pay and the ENGINEER agrees to accept a fee representing full compensation for the performance of the services specified herein. The ENGINEER shall submit monthly invoices for all work in progress using a format and procedure provided by the Department and in accordance with the Prompt Payment Ordinance. Invoices shall be submitted within 120 days of the performance of the service being billed. The COUNTY shall not pay invoices that are not properly submitted within that period. Additionally, the COUNTY may withhold payment of any invoices from the ENGINEER if the COUNTY determines that the ENGINEER submitted and received payment of an inaccurate invoice, without limitation to any other legal or equitable remedies. Fees and other compensation will be computed in accordance with one or a combination of the methods outlined below as specified in a written task authorization:

A. Fee as a Multiple of Direct Salary Cost and Fixed Hourly Rate:

(1) The fee for professional services rendered by the ENGINEER's employees, principals excluded, shall be computed based on the direct salary cost, as reported to the Internal Revenue Service, excluding bonuses or awards if applicable, for the time of said employee engaged directly in the work, times a negotiated multiplier of 2.85 for office employees, 2.4 for the ENGINEER's employees working in COUNTY offices and 2.1 for all field employees excluding surveying. This fee shall constitute full compensation to the ENGINEER for costs incurred in the performance of the work such as salaries, overhead, fringe benefits, operating margin and all other costs not covered by reimbursable expenses.

(2) For personnel required to be paid overtime, compensation for overtime work considered necessary and authorized in advance by the Director shall be computed with a multiplier of 1.1 times the overtime rate and number of hours (1.1 x overtime rate x number of hours). Principals shall not receive additional compensation for performance of overtime work

(3) The ENGINEER shall be compensated at the flat rate of $125.00 per hour for the time of a Principal engaged directly in the work. This rate shall not be subject to the negotiated multiplier.

B. Lump Sum Fee: The fee for any requested portion of work may, at the option of the DEPARTMENT, be a lump sum mutually agreed upon by the COUNTY and the ENGINEER and stated in the written authorization to proceed.

C. Reimbursable Expenses: The ENGINEER may be compensated for certain work related expenditures not covered by fees for engineering services, provided such expenditures are previously authorized by the Director or his designee in writing. Reimbursable expenses may include:

1) Expenses for laboratory tasks and analyses, permitting fees, printing and reproduction costs, rental or purchase of specialized equipment and instruments necessary for the efficient performance of the work, provided that such equipment and instruments become the property of the COUNTY upon work completion.

2) Expenses for travel, except that ENGINEER shall claim no more in expenses for travel, transportation, and subsistence than would be allowed an "authorized person" pursuant to the terms of Chapter 112.061, Florida Statutes and the COUNTY'S

Administrative Orders 6-1 and 6-3, as presently written or hereafter amended. No such expenses shall be approved without the prior written consent of the Director. For the purposes of this section, the principal place of business shall be considered the ENGINEER's local corporate headquarters. Failure to obtain such prior authorization shall be grounds for nonpayment of such expenses. To be compensated, the ENGINEER shall maintain accurate records in a format and procedure provided by the Department and the ENGINEER shall submit said records with their invoices.

3) Items not Items not listed shall be reviewed on a case-by-case basis and shall be approved in advance by the Director or his designee
4) Reimbursable expenses of the ENGINEER and approved subconsultants shall be reimbursed on a direct cost basis.
5) The ENGINEER shall be required to submit original receipts of all reimbursable expenses

D. Maximum Compensation The total of all payments to the ENGINEER pursuant to this Agreement shall not exceed two million three hundred thousand ($2,300,000). No minimum amount of compensation is guaranteed to the ENGINEER.

E. Contingency Allowance Accounts: Pursuant to County Code 2-8.1, an Allowance Account of 10% of the Basic Services Maximum Compensation as stated in Paragraph 6.D. above is permissible to be used by the Department for unforeseen conditions necessitating additional design. Before any extra work is begun a task authorization from the Department Director shall be given to the Engineer. The Engineer shall have no entitlement to any of these funds. The COUNTY retains all rights to these funds, may expend these funds at its sole discretion, and any funds not expended from this Contingency Allowance Account remains the property of the COUNTY.

F. Certification of Wage Rates In Accordance with Florida Statute 287.055.: The ENGINEER hereby certifies and agrees that wage rates and other factual unit costs, as submitted in support of the compensation provided in this paragraph, are accurate, complete and current as of the date of this Agreement. It is further agreed that said compensation shall be adjusted to exclude any significant costs where the COUNTY shall determine that the price of services was increased due to inaccurate, incomplete or unclear wage rates or other factual unit costs. All such compensation adjustments shall be made within one (1) year from the date of final billing or acceptance of the work by the COUNTY, whichever is later.

7. METHODS OF PAYMENT: The COUNTY agrees to make monthly or partial payments to the ENGINEER, in accordance with Prompt Payment Ordinance No. 94-40, currently in effect or as amended in the future, for all authorized work performed during the previous calendar month or other mutually agreed invoicing period. The ENGINEER is responsible to submit invoices that do not contain charges that are more than 120 days old. In the case where disallowed charges are found, the COUNTY may return the entire invoice for correction and resubmittal. The ENGINEER agrees to provide all records necessary to substantiate payment requests to the COUNTY. Payments shall be made in accordance with the following methods:

A. Time and/or Material for Professional Fees and/or Reimbursable Expenses.

(1) The ENGINEER shall submit the invoice in a format provided by the Department. Each invoice shall reference the particular authorization to proceed that authorized the services and shall include a status report describing work completed.

(2) With each invoice, the ENGINEER shall submit a "Monthly Utilization Report" form in accordance with the Department of Procurement Management, Small Business Affairs requirements. Invoices shall not be considered valid without said form.

(3) The amount of the invoice submitted shall be comprised of the amounts due for all services performed and reimbursable expenses incurred during the previous calendar month or other mutually agreed invoicing period to date in connection with authorized work. The amounts due for professional services and reimbursable expenses shall be calculated in accordance with Paragraph 6.A. and 6.C. hereof, respectively. Invoiced reimbursable expenses must be substantiated by original receipts and other documentation as necessary.

B. Lump Sum Fee

(1) The ENGINEER shall submit the invoice in a format provided by the Department. Each invoice shall reference the particular task order authorization to proceed which authorized the services and shall include a status report describing work completed.

(2) With each invoice, the ENGINEER shall submit a "Monthly Utilization Report" form in accordance with the Department of Procurement Management, Small Business Affairs requirements. Invoices shall not be considered valid without said form.

(3) The amount due on the invoice shall be calculated by applying the percentage of the total work completed to date to the authorized lump sum and subtracting any previous billings.

(4) Payments shall be calculated on a percentage of work completed.

8. CHANGE OF PRINCIPAL AND/OR PROJECT MANAGER: John Darmody, P.E. and Bruce Petrick, P.E. shall be the ENGINEER'S Principal and Project Manager, respectively. If the COUNTY or the ENGINEER requests a change of the Principal or the Project Manager, the party initiating said change shall make the request in writing and said request shall be received by the other party at least thirty (30) days prior to any such change. The Director reserves the right to approve the replacement Principal or Project Manager.

9. SCHEDULE OF WORK: The Department shall have the sole right to determine on which units or sections of the work the ENGINEER shall proceed and in what order. The written task order authorization to proceed issued by the Director shall cover in detail the scope, time for completion and compensation for the engineering services requested in connection with each unit or section of work.

10. RIGHT OF DECISIONS All services shall be performed by the ENGINEER to the satisfaction of the Director who shall decide all questions, difficulties, and disputes of whatever nature which may arise under or by reason of this Agreement, the prosecution and

fulfillment of the services hereunder, and the character, quality, amount and value thereof. The Director's decisions upon all claims, questions and disputes shall be final, conclusive and binding upon the parties hereto unless determined by a court of competent jurisdiction to be fraudulent, arbitrary, capricious, so grossly erroneous as to necessarily imply bad faith or not supported by substantial evidence.

11. OWNERSHIP OF DOCUMENTS: All notes, correspondence, documents, designs, drawings, renderings, calculations, specifications, models, photographs, reports, surveys, investigations, and any other documents and copyrights thereto for Services performed or produced in the performance of this Agreement, whether in paper or other hard copy medium or in electronic medium, except with respect to copyrighted standard details and designs owned by the ENGINEER or owned by a third party and licensed to the ENGINEER for use and reproduction, shall become the property of the COUNTY. However, the COUNTY may grant an exclusive license of the copyright to the ENGINEER for reusing and reproducing copyrighted materials or portions thereof as authorized by the COUNTY in advance and in writing. In addition, the ENGINEER shall not disclose, release, or make available any document to any third party without prior written approval from COUNTY. The ENGINEER shall warrant to the COUNTY that he/she has been granted a license to use and reproduce any standard details and designs owned by a third party and used or reproduced by the ENGINEER in the performance of this Agreement. Nothing contained herein shall be deemed to exclude any document from Chapter 119 of the Florida Statutes. When each individual task authorization of work requested pursuant to this Agreement is complete, one signed and sealed paper copy of all final documents which are in electronic form shall be delivered to the Director. All drawings shall be AutoCAD format in a version acceptable to the Department. All documents other than drawings shall be in a print ready electronic format acceptable to the Department. All electronic delivery/submittal shall be submitted on CD or other electronic media acceptable to the Department. Directions shall be included with the transmittal and electronically in the root directory of the electronic media.

12. NOTICES: Any notices, reports or other written communications from the ENGINEER shall be considered delivered when posted by certified mail or delivered in person to the Director. Any notices, reports or other communications from the COUNTY to the ENGINEER shall be considered delivered when posted by certified mail to the ENGINEER at the last address left on file with the COUNTY or delivered in person to said ENGINEER or the ENGINEER's authorized representative.

13. AUDIT RIGHTS: The COUNTY reserves the right to audit the records of the ENGINEER related to this Agreement at any reasonable time and during normal business hours during the performance of the work included herein and for a period of five (5) years after final payment under this Agreement. The ENGINEER agrees to provide any records necessary to substantiate payment requests to the COUNTY, including audited financial statements. In the event an audit undertaken pursuant to this section reveals improper, inadvertent, or mistaken payments to the ENGINEER, the ENGINEER shall remit such payments to the COUNTY. The COUNTY shall retain all legal and equitable rights with respect to recovery of payments.

14. SUBCONSULTANTS:

A. The ENGINEER shall utilize the following firms as subconsultants: Hazen and Sawyer, P.C., BCC Engineering, Inc., CES Consultants, Inc., Consul-Tech Surveying & Mapping, Inc., Geosol, Inc., Media Relations Group, LLC, Milian, Swain & Associates, Inc., Nova Consulting, Inc. and Separation Processes, Inc. The ENGINEER shall not subconsult, assign or transfer to others work performed under this Agreement without the written consent of the Director or his designee after the Department of Procurement Management, Small Business Affair's approves the additional subconsultant(s). In addition, the ENGINEER shall not allow the subconsultant to utilize, assign or transfer work to others for work performed under this Agreement without the written consent of the Director or his designee and after the Department of Procurement Management, Small Business Affair's the additional subconsultant(s). When applicable and upon receipt of such consent in writing by the Director, the ENGINEER shall cause the names of the firms responsible for the major portions of each separate specialty of the work to be inserted in the pertinent documents or data. Nothing contained in this Agreement shall create any contractual relationship between the COUNTY and the subconsultants.

B. In addition, and as applicable, the ENGINEER agrees to comply with Miami-Dade County Ordinance 01-103 and Administrative Order 3-32 regarding the Community Business Enterprise (CBE) program. The COUNTY has established a participation goal of 25% based on the total amount of compensation authorized under this Agreement. The ENGINEER shall be responsible to submit to the COUNTY a Monthly Utilization Report on or before the tenth working day following the preceding month.

15. PROMPT PAYMENT TO SMALL BUSINESS SUBCONSULTANTS: The ENGINEER agrees to comply with Section 2-8.1.4 of the Code of Miami-Dade County, requiring the ENGINEER to issue prompt payment to all small business contractors and to have dispute resolution procedures in place in the event of disputed payments to small businesses. Failure of the ENGINEER to issue prompt payment to small businesses, or to adhere to its dispute resolution procedures, may be cause for suspension, termination, and debarment.

16. WARRANTY: The ENGINEER certifies and agrees that no companies or persons, other than bona fide employees working solely for the ENGINEER or the ENGINEER's subconsultants, have been retained or employed to solicit or secure this Agreement or have been paid or guaranteed payment of any fees, commissions, percentage fees, gifts or any other considerations contingent upon or resulting from the award or making of this Agreement. The ENGINEER also certifies and agrees that no COUNTY personnel, whether a full-time or part-time employee, has or shall be retained or employed in any capacity, by the ENGINEER or the ENGINEER's subconsultants, to accomplish the work contemplated under the terms of this Agreement. The COUNTY shall not pay the ENGINEER for any work performed by COUNTY employees.

17. TERMINATION OF AGREEMENT: It is expressly understood and agreed that the Director may terminate this Agreement, in total or in part, without cause or penalty, by ten (10) days prior written notification or by declining to issue the written task order authorization, as provided herein in which event the COUNTY's sole obligation to the ENGINEER shall be payment, in accordance with Paragraph 6, for those units or sections of work previously

authorized. Such payment shall be determined on the basis of the hours or percentage of work performed by the ENGINEER up to the time of termination. In the event partial payment has been made for professional services not performed, the ENGINEER shall return such sums to the COUNTY within ten (10) days after receipt of written notice that said sums are due. Upon such termination, the COUNTY may, without penalty or other obligation to the ENGINEER, elect to employ other persons to perform the same or similar services.

18. DURATION OF AGREEMENT: This Agreement shall remain in full force and effect for a period of four (4) years after its date of execution (although actual completion of the services may extend beyond such term and shall be subject to the same terms and conditions set forth in this Agreement, including but not limited to indemnification and insurance) or until the completion of the professional engineering services contemplated herein, and as specified in the authorization to proceed or until depletion of the funds allocated to pay the cost of the services described herein, whichever occurs first. This Agreement may be terminated by mutual consent of the parties hereto, or as otherwise provided herein. The performance of specifically and properly authorized services that may extend beyond this Agreement's effective term shall be compensated in accordance with Paragraph 6 hereof.

19. DEFAULT: If the ENGINEER fails to comply with the provisions of this Agreement, the Director may declare the ENGINEER in default by ten (10) days prior written notification. In such event, the ENGINEER shall only be compensated for any professional services completed as of the date written notice of default is served. In the event partial payment has been made for incomplete professional services, the ENGINEER shall return such sums to the COUNTY within ten (10) days after receipt of written notice that said sums are due. The ENGINEER shall not be compensated for professional services that have been performed but not completed by the time the Director declares a default. In the event the COUNTY prevails in litigation to enforce or defend the provisions of this or any other Paragraph of this Agreement, the COUNTY shall be compensated by the ENGINEER for reasonable attorney's fees and court costs.

20. INDEMNIFICATION AND INSURANCE: Pursuant to section 725.08 of the Florida Statutes, the ENGINEER shall indemnify and hold harmless the County and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the ENGINEER and other persons employed or utilized by the ENGINEER in the performance of this Agreement.

The ENGINEER shall pay all claims and losses in connection therewith and shall pay all costs, judgments and attorney's fees for such claims which are finally determined to have been caused by the ENGINEER's negligence, recklessness or intentionally wrongful conduct of the ENGINEER. The ENGINEER expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the ENGINEER shall in no way limit the responsibility to indemnify and hold harmless and defend the COUNTY or its officers, employees, agents and instrumentalities as herein provided.

The ENGINEER, including subconsultants, shall not commence any work pursuant to this Agreement until all insurance required under this Section has been obtained and such

insurance has been approved by the COUNTY's Risk Management Division of General Services Administration. The ENGINEER shall maintain insurance coverage during the term of this Agreement which meet the requirements outlined below:

A. Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work in an amount not less than $300,000 combined single limit per occurrence for bodily injury and property damage.

B. Professional Liability Insurance in the amount of $5,000,000 per claim.

C. Commercial General Liability Insurance, on a comprehensive basis, in an amount not less than $300,000 combined single limit per occurrence for bodily injury and property damage. Miami-Dade County must be shown as additional insured with respect to this coverage.

D. Workers' Compensation Insurance for all employees of the ENGINEER as required by Chapter 440.

All insurance policies must be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications: The companies must be rated no less than "B" as to management and no less than "Class V" as to strength by the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the approval of the Risk Management Division, or,

The companies must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to Do Business in Florida", issued by the State of Florida Department of Insurance and be members of the Florida Guaranty Fund.

The ENGINEER shall furnish certificates of insurance to the Department's Intergovernmental Affairs Manager, Suite 435, 3071 S.W. 38th Avenue, Miami, Florida, 33146 prior to the commencement of operations, which certificates shall clearly indicate that the ENGINEER has obtained insurance in the type, amount, and classification as required for strict compliance with this Paragraph 20. The certificate shall indicate that no material change or cancellation of this insurance shall be effective without thirty (30) days written advance notice to Miami-Dade County, c/o the Manager of Risk Management Division.

Compliance with the foregoing requirements shall not relieve the ENGINEER of the liabilities and obligations under this Section or under any other portion of this Agreement, and the COUNTY shall have the right to inspect the original insurance policies.

21. ORDINANCES: The ENGINEER agrees to abide by and be governed by Miami-Dade County ordinances which may have a bearing on the work contemplated hereunder, including but not necessarily limited to the following:

A. Ordinance No. 72-82 (Conflict of Interest), as amended, and Ordinance No. 77-13 (Financial Disclosures), as amended, which are incorporated herein by reference, as if fully set forth herein in connection with the ENGINEER'S obligations hereunder. The ENGINEER shall comply with the financial disclosure requirements of

Ordinance No. 77-13 by filing within thirty (30) days of the execution of this Agreement one of the following with the Miami-Dade County Elections Department, P. O. Box 521550, Miami, Florida 33152:

(1) A source of income statement;
(2) A current certified financial statement;
(3) A copy of the ENGINEER's Current Federal Income Tax Return. The ENGINEER further agrees to comply with the requirements of applicable County, State and Federal Ordinances, Resolutions and/or Regulations, including, but not limited to the list below. The ENGINEER shall execute the related affidavits, attached hereto as Exhibit "A".

(1) Ordinance No. 90-133, Miami-Dade County Disclosure Affidavit;
(2) Ordinance No. 91-22, Certification Regarding Lobbying;
(3) Ordinance No. 91-142, Family Leave; as amended by Ordinance No. 92-91, superseded by Ordinance No. 93-118; modified by Resolution Nos. 1499-91 and R-183-00
(4) Ordinance No. 92-15, Drug-Free Workplace;
(5) Ordinance No. 92-27, Lobbyist Registration for Oral Presentation;
(6) Ordinance No. 93-129, Debarment Disclosure Affidavit;
(7) State of Florida Statutes 287.133(3) (a) on Public Crimes Affidavit;
(8) Ordinance No. 94-34, Criminal Record Affidavit
(9) Ordinance No. 95-178, Delinquent or Currently Due Fees or Taxes;
(10) Ordinance No. 97-215, Inspector General (IG);
(11) Ordinance No. 99-152, False Claims;
(12) Ordinance No. 99-162, Payments to County are not in arrears;
(13) Ordinance No. 01-96, Code of Business Ethics Affidavit;
(14) Resolution No. 1634-93, Quarterly Reports (Miami-Dade County Work);
(15) Resolution No. 113-94, Quarterly Reports (Private Sector Work);
(16) Disability Nondiscrimination Affidavit ;(Resolution No.385-95 Americans with Disabilities Act of 1990).
(17) Resolution No. 516-96 and Administrative Order No. 3-20, Independent Private Sector Inspector General (IPSIG);
(18) Resolution No. 744-00, requiring the continued engagement of critical personnel in contracts for Professional Services for the duration of the Project;
(19) Resolution No. 185-00, Domestic Violence Leave
(20) Administrative Order 3-39, Architectural and Engineering Selection Process

The ENGINEER further agrees to comply with any other ordinances or resolutions of the COUNTY that may become effective prior to the execution of this Agreement by both parties.

22. PROPRIETARY INFORMATION: Notwithstanding any other provisions of this Agreement or any provisions in a particular authorization to proceed, all of ENGINEER's proprietary computer programs or software, developed by ENGINEER outside of this Agreement shall remain the exclusive property of the ENGINEER, and shall not be disclosed to third parties, unless otherwise required by law. The ENGINEER shall provide the necessary licensing

agreements to enable to the COUNTY to use proprietary property, including but not limited to computer programs or software.

23. AFFIRMATIVE ACTION PLAN: In accordance with Ordinance No. 82-37, the ENGINEER must have an Affirmative Action Plan filed and approved by Miami-Dade County's Department of Procurement Management, Small Business Affairs (DPM). The Plan is hereby incorporated as a contractual obligation of the ENGINEER to Miami-Dade County.

24. EQUAL OPPORTUNITY: The ENGINEER shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, age, sexual orientation, marital status, physical handicap, or national origin. The ENGINEER shall take affirmative actions to insure that applicants are employed and that employees are treated during their employment without regard to their race, religion, color, sex, age, sexual orientation, marital status, physical handicap or national origin. Such actions shall include, but shall not be limited to the following: employment; upgrading, transfer or demotion; recruitment or recruitment advertising; layoff or termination; rates of pay or other form of compensation and selection for training, including apprenticeship. The ENGINEER agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this Equal Opportunity Clause.

THE ENGINEER shall comply with all applicable provisions of the Civil Rights Acts of 1964; Executive Order 11246 of September 24, 1965 as amended by Executive Order 11375; Executive Order 11625 of October 13, 1971; the Age Discrimination in Employment Act, effective June 12, 1968; the rules and regulations, and relevant orders of the Secretary of Labor; Florida Statutes 112.041, 112.042 and 112.0113; and Miami-Dade County Ordinance No. 75-46, effective June 28, 1975.

During the performance of this Agreement, the ENGINEER agrees to state in all solicitations or advertisements for employees placed by or on behalf of the ENGINEER that all qualified applicants will receive consideration for employment without regard to race, religion, color, sex, age, sexual orientation, marital status, physical handicap or national origin. If requested to do so, the ENGINEER shall furnish all information and reports required by Executive Order 11246, as amended by Executive Order 11375 and by rules, regulations and orders of the Secretary of Labor, and will permit access to its books, records and accounts by the COUNTY, and compliance review agencies for purposes of investigation to ascertain compliance with such rules and regulations and orders. The ENGINEER further agrees that he will comply with the requirements of the Americans with Disabilities Act.

25. OFFICE OF THE COUNTY INSPECTOR GENERAL: According to Section 2-1076 of the Code of Miami-Dade County, Miami-Dade County has established the Office of the Inspector General (IG) which may, on a random basis, perform audits, inspections, and reviews of all County/Trust contracts. This random audit is separate and distinct from any other audit by the County. To pay for the functions of the Office of the Inspector General, any and all payments to be made to the ENGINEER under this contract will be assessed one quarter (1/4) of one (1) percent of the total amount of the payment, to be deducted from each progress payment as the same becomes due unless, as stated in the Special Conditions, this

Contract is federally or state funded where federal or state law or regulations preclude such a charge. The ENGINEER shall in stating its agreed process be mindful of this assessment, which will not be separately identified, calculated or adjusted in the proposal or bid form. The audit cost shall also be included in all change orders and all contract renewals and extensions.

The Miami-Dade Office of Inspector General is authorized to investigate County affairs and empowered to review past, present and proposed County and Public Health Trust programs, accounts, records, contracts and transactions. In addition, the Inspector General has the power to subpoena witnesses, administer oaths, require the production of witnesses and monitor existing projects and programs. Monitoring of an existing project or program may include a report concerning whether the project is on time, within budget and in conformance with plans, specifications and applicable law. The Inspector General shall have the power to audit, investigate, monitor, oversee, inspect and review operations, activities, performance and procurement process including but not limited to project design, bid specifications, proposal submittals, activities of the ENGINEER, its officers, agents and employees, lobbyists, County and Public Health Trust staff and elected officials to ensure compliance with contract specifications and to detect fraud and corruption.

Upon ten (10) days written notice to the ENGINEER shall make all requested records and documents available to the Inspector General for inspection and copying. The Inspector General shall have the right to inspect and copy all documents and records in the ENGINEER's possession, custody or control which in the Inspector General's sole judgment, pertain to performance of the contract, including, but not limited to original estimate files, change order estimate files, worksheets, proposals and agreements from and with successful subcontractors and suppliers, all project-related correspondence, memoranda, instructions, financial documents, construction documents, proposal and contract documents, back-change documents, all documents and records which involve cash, trade or volume discounts, insurance proceeds, rebates, or dividends received, payroll and personnel records and supporting documentation for the aforesaid documents and records.

The ENGINEER shall make available at its office at all reasonable times the records, materials, and other evidence regarding the acquisition (bid preparation) and performance of this contract, for examination, audit, or reproduction, until three (3) years after final payment under this contract or for any longer period required by statute or by other clauses of this contract. In addition:

1. If this contract is completely or partially terminated, the ENGINEER shall make available records relating to the work terminated until three (3) years after any resulting final termination settlement; and

2. The ENGINEER shall make available records relating to appeals or to litigation or the settlement of claims arising under or relating to this contract until such appeals, litigation, or claims are finally resolved.

The provisions in this section shall apply to the ENGINEER, its officers, agents, employees, subcontractors and suppliers. The ENGINEER shall incorporate the provisions in this

section in all subcontracts and all other agreements executed by the ENGINEER in connection with the performance of this contract.

Nothing in this section shall impair any independent right to the County to conduct audits or investigative activities. The provisions of this section are neither intended nor shall they be construed to impose any liability on the County by the ENGINEER or third parties.

Exception: The above application of one quarter (1/4) of one percent fee assessment shall not apply to the following contracts: (a) IPSIG contracts; (b) contracts for legal services; (c) contracts for financial advisory services; (d) auditing contracts; (e) facility rentals and lease agreements; (f) concessions and other rental agreements; (g) insurance contracts; (h) revenue-generating contracts; (i) contracts where an IPSIG is assigned at the time the contract is approved by the Trust; (j) professional service agreements under $1,000; (k) management agreements; (l) small purchase orders as defined in Miami-Dade County Administrative Order 3-2; (m) federal, state and local government-funded grants; and (n) interlocal agreements. Notwithstanding the foregoing, the Trust may authorize the inclusion of the fee assessment of one-quarter (1/4) of one percent in any exempted contract at the time of award.

Nothing contained above shall in any way limit the powers of the Inspector General to perform audits on all Trust contracts including, but not limited to, those contracts specifically exempted above.

26. INDEPENDENT PRIVATE SECTOR INSPECTOR GENERAL: The ENGINEER is hereby directed to the requirements of AO 3-20 and R-516-96; the County shall have the right but not the obligation to retain the services of an independent private-sector inspector general (IPSIG) who may be engaged to audit, investigate, monitor, oversee, inspect and review the operations, activities and performance of the ENGINEER and County in connection with this agreement. The scope of services performed by an IPSIG may include, but are not limited to, monitoring and investigating compliance with Contract Specifications; project costs; and investigating and preventing corruption and fraud.

The IPSIG may perform its services at all levels of the contracting and procurement process including but not limited to project design, establishment of bid specifications, bid submittals, activities of ENGINEER, its officers, agents and employees, lobbyists, county staff and elected officials.

Upon (10) ten days written notice to ENGINEER from an IPSIG, the ENGINEER shall make all requested records and documents available to the IPSIG for inspection and copying. The IPSIG shall have the right to examine all documents and records in the ENGINEER's possession, custody or control which in the IPSIG's sole judgment pertain to performance of the agreement, including but not limited to original estimate files, bid and change order estimates, worksheets, proposals and agreements from and with successful and unsuccessful subcontractors and suppliers, all project-related correspondence, memoranda, instructions, financial documents, construction documents, bid and contract documents, back-charge document, all documents and records which involve cash, trade or volume discounts, insurance proceeds, rebates, or dividends received, payroll and personnel records, and supporting documentation for the aforesaid documents and records.

27. DOMESTIC LEAVE: Pursuant to Ordinance No. 99-5, the ENGINEER certifies its compliance with the Domestic Leave Ordinance, providing domestic violence leave to its employees. In addition, the ENGINEER understands that failure to meet the terms and conditions of the ordinance shall constitute a default of the subject Agreement and may be cause for suspension, termination and debarment, in accordance with the terms of this Agreement and the debarment procedures of the COUNTY.

28. PERFORMANCE EVALUATIONS: Performance evaluations of the services rendered under this Agreement shall be performed by the Department and shall be utilized by the COUNTY as evaluation criteria for future solicitations.

29. ETHICS COMMISSION: Pursuant to Section 2-11.1 (w) of the Code of Miami-Dade County, the Commission on Ethics and Public Trust has jurisdiction over contractors and vendors. The ENGINEER acknowledges that pursuant to Section I of the Lobbyist Rules adopted by the Ethics Commission, the County Mayor or the Board of County Commissioners may void any agreement where a lobbying violation has occurred.

30. ASSIGNMENT OF AGREEMENT: This Agreement shall not be transferred, assigned or otherwise conveyed to any other party without the express written consent of the Director.

31. ENTIRETY OF AGREEMENT: This writing embodies the entire Agreement and understanding between the parties hereto, and there are no other agreements and understandings, oral or written with reference to the subject matter hereof that are not merged herein and superseded hereby.

32. MODIFICATION: No alteration, change, or modification of the terms of this Agreement shall be valid unless made in writing, signed by all parties hereto, and approved by the COUNTY.

33. GOVERNING LAW: This Agreement, regardless of where executed, shall be governed by and construed according to the laws of the State of Florida, and venue shall be in Miami-Dade County, Florida.

34. SECURITY RESTRICTIONS: Access to the COUNTY's sites are restricted. The ENGINEER is subject to Article IX, Chapter 32 of the Miami-Dade County Code (Ordinance No. 02-68). In the event the ENGINEER needs access to the COUNTY's property, the ENGINEER agrees to comply with the security ordinance and any other requirements by the COUNTY relating to security which may include background checks, the use of photo identification badges and limited access to the COUNTY's property. Prior to commencing work, the ENGINEER shall meet with a Plant Superintendent to submit required information and discuss security relating to the project. Subconsultants are also required to comply with the restrictions and it shall be the responsibility of the ENGINEER to ensure that the subconsultants comply with security ordinance and all restrictions.

35. SANCTIONS FOR CONTRACTUAL VIOLATIONS: Notwithstanding any other penalties for the ENGINEER and/or subconsultants that may be found to have discriminated in violation of Article VII of Chapter 11A of the Code, the COUNTY may terminate this Agreement or require the termination or cancellation of the subconsultants' agreements. In addition, a violation by the ENGINEER and/or subconsultants, or failure to comply with the Administrative Order (A.O.) 3-39 may result in the imposition of one or more of the sanctions listed in the A.O. The COUNTY additionally retains all rights sanctioned it by Ordinance or Statute and may avail itself of any remedy of law or equity in the event of a breach of this Agreement.

36. SEVERABILITY: If any Section of this Agreement is found to be null and void, the other Sections shall remain in full force and effect.

IN WITNESS WHEREOF the parties hereto have executed this Agreement by their duly authorized officers on the date first written above.

ATTEST:

MIAMI-DADE COUNTY, FLORIDA BY ITS BOARD OF COUNTY COMMISSIONERS

HARVEY RUVIN,
CLERK OF THE BOARD

By:_____

By: _____
County Mayor

WITNESSETH:

Philip D. Kessack
Signature

MWH Americas, Inc
Firm Name (Place Corporate Seal)

Philip D. Kessack
Printed Name

Monique Y. Martinez
Signature

By: Raymond G Hartley
Vice President

MONIQUE Y. MARTINEZ
Printed Name

RAYMOND G. HARTLEY
Printed Name

Approved as to form
and legal sufficiency.

_____
Assistant County Attorney

EXHIBIT "A"
AFFIDAVITS
Agreement Number
07MWHA006

I, Raymond G. Hartley, as the duly authorized representative of
Affiant

MWH Americas, Inc. being first duly
sworn

state: MWH Americas, Inc.,
Name of Engineer

The full legal name and business address of the ENGINEER transacting business with Miami-Dade County 2655 LeJeune Road, Suite 320, Coral Gables, FL 33134
Federal Employer Identification Number 95-1878805
and does solemnly swear and certify to the following affidavits that are required and made a part of this agreement.

1. FAMILY LEAVE PLAN
ORDINANCE NO. 91-142 (Sec. 11 A-29 et Seq. of the County Code)

The provision of Miami-Dade County Ordinance No. 91-142, Section 2, "FAMILY LEAVE", apply to every employer which meets either or both of the following conditions:

Has in the regular course of business more that fifty (50) employees working in Miami-Dade County for each working day during each of twenty (20) or more weeks in the current preceding calendar year;

Does business with Miami-Dade County and has at least fifty (50) employees for each working day during each of twenty (20) or more weeks in the current or preceding calendar year.

(Check the appropriate box)

__XX__ Does not meet either of the above listed conditions.

_____ Meets one or both of the above listed conditions; and it is familiar with and will abide by the requirements of Ordinance No. 91-142.

2. MIAMI-DADE COUNTY EMPLOYMENT DISCLOSURE ORDINANCE NO. 90-133 (Sec. 2-8.1 of the County Code)

1. If the contract or business transaction is with a Corporation, the full legal name and business address shall be provided for each officer and director and each stockholder who holds directly or indirectly five percent (5%) or more of the corporation's check. If the contract or business transaction is with a partnership, the full legal name and business address shall be provided for each partner. If the contract or business transaction is with a trust, the full legal name and address shall be provided for each trustee each beneficiary. All such names and addresses are:

NA %

2. The full legal names and business address of any other individual (other than subcontractors, materialmen, suppliers, laborers, or lenders) who have, or will have, any interest (legal, equitable, beneficial or otherwise) in the contract or business transaction with Miami-Dade County are:

NA

3. Does the entity (Prime Consultant) have a collective bargaining agreement with its employees? NA

4. As an attachment the Prime Consultant shall include a schedule of wage rates (including overtime) to be paid employees performing work under this Contract. It shall also include the health care benefits to be paid to employees performing work under this Contract.

5. As an attachment the Prime Consultant shall submit a current breakdown of their work force as to race, national origin and gender.

6. Any person who willfully fails to disclose the information required herein, or who knowingly discloses false information in this regard, shall be punished by a fine of up to five hundred dollars ($500.00), or by imprisonment in the County jail for up to sixty (60) days, or both at the discretion of the Court.

3. ANNUAL DRUG-FREE WORKPLACE Ordinance No. 92-15(Sec. 2-8.1.2 of the County Code)

The engineer certifies that as of the commencement date of this Agreement with Miami-Dade County it shall provide a drug-free workplace for its employees, and

1. will provide a written statement to each employee, notifying the employee that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance, as defined in Section 893.02(4) Florida Statutes in the contracting entity's workplace (s) is prohibited and specifying the actions the contracting entity will take against employees for violation of such prohibition. Such written statement shall also inform the employee of:

(a) the dangers of drug abuse in the workplace;
(b) the contracting entity's policy of maintaining a drug-free environment at all of its workplaces, including but not limited to all locations where employees perform any task relating to any portion of the above contract;
(c) any available drug counseling, rehabilitation, and employee assistance programs; and
(d) the penalties that may be imposed upon employees for drug abuse violations

2. will require each employee to sign a copy of the written statement referred to in paragraph 1 above to acknowledge receipt of the written statement and advice as to specifics of such policy. The contracting entity covenants to retain the statements signed by its employees. The contracting entity covenants to post in a prominent place at all of its workplaces a written statement of its policy containing the foregoing elements a through d;

3. will notify each employee in the statement required by paragraph 1 above that as a condition of employment the employee will:
(a) abide by the terms of the statement; and
(b) notify the contracting entity of any criminal drug statute convection for a violation occurring in the workplace no later than five 5 days after such conviction;

4. will notify the County within ten (10) days after receiving notice under paragraph 3 above from an employee or otherwise receiving actual notice of such conviction;

5. will impose appropriate personnel action against such employees referred to in paragraph 4 above up to and including termination; or require such employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State or local health, law enforcement, or other appropriate agency;

6. will make a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1 through 5 of this affidavit. The Engineer entity will certify annually, on or before the anniversary date of the professional services agreement that it is in compliance with the provisions of Ordinance 92-15.

4. DISABILITY NONDISCRIMINATION
Resolution No. 385-95

The ENGINEER is in compliance with and agrees to continue to comply with, and assume that any subcontractor, or third party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction in the following laws:

The Americans with Disabilities Act of 1990 (ADA), Pub.L. 101-336-104 Stat 327.42 U.S.C. 12101-12213 and 47 U.S.C. Sections 225 and 611 including Title I, Employment, Title II, Public Services; Title III, Public Accommodations and Services Operated by Private Entities;

Title IV telecommunications; and Title V, Miscellaneous Provisions.

The Rehabilitation Act of 1973, 29 U.S.C. Section 794.

The Federal Transit Act, as amended 49 U.S.C. Sections 1612.

The Fair Housing Act as amended, 42 U.S.C. Section 3601-3631.

5. MIAMI-DADE COUNTY DEBARMENT DISCLOSURE ORDINANCE 93-129

The ENGINEER or his agents, officers, principals, stockholders, subconsultants or their affiliates are not debarred by Miami-Dade County.

6. SWORN STATEMENT UNDER SECTION 287.133(3)(a), FLORIDA STATUTES ON PUBLIC CRIMES

1. understand that a "public entity crime" as defined in Paragraph 287.133(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

2. I understand that "Convicted" or "Conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1,1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contedere.

3. I understand that an "affiliate" as defined in Paragraph 287.133 (1) (a), Florida Statutes, means:
   1) A predecessor or successor of a person convicted of a public entity crime: or
   2) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

4. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

5. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies).

X Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

___ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agent who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies)

___ There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

___ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

___ The person or affiliate has not been placed on the convicted vendor list (Please describe any action taken by or pending with the Department of General Services)

7. CRIMINAL RECORD
ORDINANCE NO. 94-34

The ENGINEER, as of the date of the execution of this Agreement:

X has not been convicted of a felony during the past ten (10) years, nor does it, as of the date of bid or proposal submission, have an officer, director or executive who has been convicted of a felony during the past ten (10) years.

_____ has been convicted of a felony during the past (10) years, or as of the date of bid or proposal submission, has an officer, director or executive who has convicted of a felony during the past ten (10) years.

8. MIAMI-DADE COUNTY REGARDING DELINQUENT AND CURRENTLY DUE FEES OR TAXES CERTIFICATION

Except for small purchase orders and sole source contracts, the above named entity verifies that all delinquent and currently due fees or taxes - including but not limited to real and property taxes, utility taxes and occupational licenses - which are collected in the normal course by the Miami-Dade County Tax Collector as well as Miami-Dade County issued parking tickets for vehicles registered in the name of the entity have been paid.

Pursuant to Section 2-8.6, as amended by Ordinance No. 00-30, failure to comply with the policy may result in debarment.

9. DOMESTIC VIOLENCE LEAVE

In compliance with Miami-Dade County Resolution Number 185-00, the ENGINEER certifies that its compliance with the Domestic Leave Ordinance No. 99-5; codified at 11A-60 et. Seq. of the Miami-Dade County Code, providing domestic violence leave to their employees. In addition, I understand that failure to meet the terms and conditions of the ordinance shall constitute a default of the subject contract and may be cause for suspension, termination and debarment, in accordance with the terms of the contract and the debarment procedures of the County.

10. PAYMENTS TO COUNTY ARE NOT IN ARREARS ORDINANCE NO. 99-162

In compliance with Miami-Dade County Ordinance Number 99-162, the ENGINEER is not in arrears on any payment under a contract, promissory note or other loan document with the COUNTY either directly or indirectly by which the ENGINEER has a controlling interest. In addition, I understand that failure to meet the terms and conditions of any obligation or repayment schedule shall constitute a default of the subject contract and may be cause for suspension, termination and debarment, in accordance with the terms of the contract and the debarment procedures of the County.

11. CODE OF BUSINESS ETHICS AFFIDAVIT (ORDINANCE 01-96) [DADE COUNTY CODE SEC. 2-8.1(i)]

The Engineer, as of the date of execution of this Agreement,

Has adopted a code of business ethics and will comply with all applicable governmental rules and regulations including, among others, the Miami-Dade County Conflict of

Interest and Code of Ethics Ordinance and the Miami-Dade County False Claims Ordinance.

Failure to comply with the requirements of the above Ordinance as included in the contract specifications shall render the contract voidable, and subject violators to debarment, in accordance with the terms of the contract and debarment procedures of Miami-Dade County, of those persons or entities who knowingly violate this policy or falsify information.

I have carefully read this entire eight page document, made a part of this Agreement as Exhibit "A" and certify that the information provided is true and accurate.

STATE OF FLORIDA)
) SS
COUNTY OF DADE)

Sworn to and subscribed before me at Miami-Dade County, Florida this 29 day of October, 2007, by Raymond G. Hartley on behalf of MWH Americas, Inc

✓ Who is personally know to me
___ Who produced identification

Type of Identification: _____

Aquila Jones
Signature of Notary Public
State of Florida at Large

Raymond G Hartley
Signature of Affidavit

Aquila Jones.
Print, type or stamp name of notary public

Aquila Jones
Commission #DD277085
Expires: Dec 22, 2007
Bonded Thru
Atlantic Bonding Co., Inc.

Aquila A. Jones, Office Administrator
Legal Name & Title

EXHIBIT B

OCI Contract No. 07MWHA006
Project No. E07-WASD-03
Work Order No. 1

PROJECT BACKGROUND

Under the Agreement for OCI Contract No. 07MWHA006, the Miami Dade Water and Sewer Department (Department) has requested that MWH Americas, Inc. (MWH) perform Work Order No. 1 for the Central District Wastewater Treatment Plant (CDWWTP) Water Reclamation Facility, defined as the "PLANT". The objective of this Work Order No. 1 will be to gather existing documentation, perform Regulatory and practical reviews, confirm the initial size of the PLANT, recommend preferred treatment, storage and transfer options and to draft a report summarizing the above.

The South Florida Water Management District has designated the County as a "critical water supply problem area". In discussions between the District and the Department about the renewal application for the consumptive use permit, the District required identification of alternative sources of water to offset additional demands from growth in the County. This Work Order will provide the initial sizing of the approximately 1 MGD reuse facility at the Central District Wastewater Treatment Plant.

The anticipated duration of Work Oder No. 1 is twelve weeks from the Notice to Proceed.

The scope for this task order will be performed for a lump sum fee of $154,300.00.

SCOPE OF SERVICES

TASK 1 Preliminary Work Plan and Schedule

MWH will prepare a Preliminary Work Plan for executing the project. The Work Plan will be based on Project Management Institute guidelines and will include the following:

- Description of the project understanding including project background, objective, and a list of existing documents pertaining to the project
- Work Breakdown Structure identifying and defining the required tasks to complete the project
- List of Project Deliverables to establish formal elements of interaction with the Client
- Project Schedule with critical path and milestones identified. If the Department has developed and implemented its Proliance Project Management Tool, MWH will incorporate its progress reporting into the format compatible within Proliance.
- Organization Chart defining roles and responsibilities of project team members
- Quality Control Plan outlining procedures for quality control and assurance for each deliverable
- Communication Plan establishing the channels of communication between MWH, the Department, sub-consultants, permitting agencies, and other pertinent agencies.

DELIVERABLES:

1) Draft Preliminary Workplan

TASK 2 Kick-off and Progress Meetings

MWH will prepare for and attend three (3) project meetings with the Department.

Subtask 2.1: Kick-off meeting

MWH will prepare for and attend the initial kick-off meeting with representatives from the Department. The purpose of this meeting will be to confirm the project objectives of Work Order No. 1, review the Draft Preliminary Work Plan, and to review the list of background data to be provided by the Department. An anticipated list of documents to be provided is presented below:

1) Record drawings

2) Operational Permits, permit warnings, and/or violations issued by regulatory agencies for the CDWWTP
3) Geotechnical reports, boundary and topographical surveys and other available information of the CDWWTP site
4) Department design criteria and standards
5) Other reports, evaluations and studies regarding the PLANT.

DELIVERABLES:

1) Kick-off Meeting Agenda
2) Kick-off Meeting Minutes which includes action items and assignments listing.

Subtask 2.2: Progress Meeting

MWH will prepare for and attend one (1) progress meeting with representatives from the Department. The purpose of this meeting will be to discuss the project progress, current budget and schedule status, and any project issues requiring discussion or resolution.

DELIVERABLES:

1) Progress Meeting Agenda
2) Progress Meeting Minutes which includes action items and assignments listing.

Subtask 2.3: Project Completion Meeting

MWH will prepare for and attend one (1) project completion meeting with representatives from the Department. The purpose of this meeting will be to discuss and agree upon the recommendations from the technical memorandums and report.

DELIVERABLES:

1) Completion Meeting Agenda
2) Completion Meeting Minutes

TASK 3 Review of Existing Information and Site Visit

MWH will review the existing information provided by the Department and perform one site visit and meeting with CDWWTP operating personnel. This information shall include but not be limited to the Reuse Feasibility Study, the CDWWTP Operations permits, CDWWTP influent and effluent water quality, and the Wastewater Facilities Master Plan. Specific attention will be given to the characterization of the variations in CDWWTP influent and effluent water quality to better understand operational challenges in designing the PLANT. A data gap analysis will be performed to identify additional data information needs and conflicting information. MWH will prepare for and attend a minimum of one (1) meeting with the Wastewater Master Plan consultant to discuss the future CDWWTP layout and the available area for the PLANT. A Technical Memorandum briefly summarizing the information compiled and reviewed will be developed.

DELIVERABLES:

1) Technical Memorandum

TASK 4 Regulatory and Practical Reviews

MWH will perform a regulatory review of current and proposed rules regarding the project. MWH will identify and evaluate potential implications to the project (e.g. metering requirements, cross-connection

control). Chapter 62-610 FAC will be reviewed and a summary will be provide of rules pertaining to public access areas, residential irrigation.

MWH will perform a literature review and local experts will be contacted to establish the tolerances of vegetation grown in areas to receive reclaimed water to constituents contained in the water as well as any requirements for blending.

The required quality of irrigation water for specific end users will be evaluated with attention given to different water quality requirements for different crops and to the acceptable maximum limits and variation in range of certain water quality parameters still allowing for crop vitality. An evaluation of potential affects of the reclaimed water on the soils to which it will be applied will also be included in order to demonstrate that the reclaimed water can be applied in an acceptable manner and will not harm the vegetation or impair the soil's ability to absorb and contain the reclaimed water on-site. Limitations on total dissolved solids, chlorides, and sodium adsorption ratio will be established (62-610.865 FAC).

DELIVERABLES:

1) Technical Memorandum

TASK 5 Confirmation of Initial and Future Plant Capacity

MWH will confirm the initial plant size by verifying the commitment and demand requirements by surveying users identified in the Wastewater Facilities Master Plan. The survey includes telephone calls to the Facilities Masterplan consultant, the Village of Key Biscayne, WASD staff, Miami Dade Parks and Recreation and other potential customers along Crandon Blvd. Definition is required for the following issues:

- Reclaimed water quantity needs, as peak and annual average flows, typical daily cycle and anticipated future trends
- Required reclaimed water quality
- Required delivery pressure
- Security of supply
- Outline Terms of Reclaimed Water Supply

DELIVERABLES:

1) Technical Memorandum

TASK 6 Evaluations of Reuse Storage and Piping

Following the confirmation of the initial and future size of the reuse facility and determination of the demand patterns of the major customers, MWH will review options to determine size and location of reclaimed water storage facilities. Dependent upon the required security of supply, additional storage facilities may be required at the customer facility. A decision will be made on the redundancy requirement of the treatment processes.

Delivery pipeline routing options will also be reviewed to transfer reclaimed water from the reuse facility to the customers. This will be based on GIS mapping supported by fact-finding inspections.

DELIVERABLES:

1) Technical Memorandum

TASK 7 Review of Treatment Options for Initial Approximately 1mgd PLANT

MWH will review available treatment options to meet the reclaimed water requirements. This will include evaluation of micro-filtration (MF) for suspended solids removal and reverse osmosis (RO) for salinity reduction. Other potential processes will also be briefly discussed to present quantitative and non-quantitative comparison criteria and to enable transparent decision taken. Attention will be given to the different sub-options for MF, such as ultra-filtration (UF) as alternative to MF, pressurized versus submerged and a description of the different membrane vendors, including an initial discussion on potential options for membrane procurement. A summary of the preferred treatment process will be provided, including the major process design criteria.

DELIVERABLES:

1) Technical Memorandum

TASK 8 Final Report

MWH will prepare a report summarizing the above findings. A preliminary site plan and process flow diagram of the recommended options will be provided.

DELIVERABLES:

1) Report

ASSUMPTIONS

1. Department will provide existing background information to MWH in electronic, native-file or *.PDF format and one reproducible copy.
2. MWH will provide the Department with six copies of draft and final documents and one electronic version in *.PDF on CD for TM and Report deliverables.
3. Department PM will provide consolidated staff review comments to the MWH PM within 5 working days of receipt of the TM and Report deliverables in order to complete the completed work order within the scheduled 90 days.
4. MWH will produce draft meeting minutes within 3 working days of each meeting. MWH will allow 2 working days for receipt of comments from all attendees before proceeding to issue final meeting minutes.

Proposal - Work Order No 1 E07-WASD-03

Attachment A

Proposal for Engineering Services Labor Expenses

Position	Name	Hourly Rate	Task 1 (Hours)	Task 2 (Hours)	Task 3 (Hours)	Task 4 (Hours)	Task 5 (Hours)	Task 6 (Hours)	Task 7 (Hours)	Task 8 (Hours)		Total Labor (Hours)	Raw Costs	FEE
Senior QA/QC	Glenn Humphries	$211.32	1							4		5	$ 370.74	$ 1,056.59
Process Technical Advisor	Karla Kinser	$146.97	8	12	8		2		8	8		46	$ 2,372.22	$ 6,760.83
Senior Technical Advisor	Hal Smitch	$205.09	8	12	8		2	2	8	4		44	$ 3,166.24	$ 9,023.78
Project Manager	Bruce Petrick	$219.31	24	24	8	8	8	8	16	20		116	$ 8,926.20	$ 25,439.67
Design Manager	Brian Lamay	$116.99	40	24	24	8		20	16	36		168	$ 6,896.40	$ 19,654.74
Regulatory Manager	Lynette Cardoch	$137.03		24	16	24	8			8		80	$ 3,846.40	$ 10,962.24
Design Engineer	Kimberly Chanslor	$116.45			16	16		16	8	24		80	$ 3,268.80	$ 9,316.08
Agency Coordination	Luis Casado	$205.54		12	8		8		8	8		44	$ 3,173.28	$ 9,043.85
Process Engineer	Sangeeta S.	$120.95					8			8		16	$ 679.04	$ 1,935.26
Administrator	Aquila Jones	$91.20	2	2	2	2	2	2	2	2		16	$ 512.00	$ 1,459.20
Secretary	Laura Rodriguez	$79.80	2	2	2	2	2	2	2	2		16	$ 448.00	$ 1,276.80
Subtotal			85	112	92	60	40	50	68	124		631		$ 95,929.05

Units	No. of		$ / Unit		Total
Air Travel	6	flight	Coach Fair -		$ 2,115.00
Lodging (by days)	12	Days	See Attached "Maximum Daily Lodging Rates" (Miami $ 125)		$ 1,500.00
Car Rental (by days)	10	Days	$50.00		$ -
Gas (for rental cars only)	50	Gallons	$3.00		$ -
Food					
Breakfast	20	Meals	$ 7.00 (when travel begins before 6 a.m. and extends beyond 8 p.m.)		$ 140.00
Lunch	20	Meals	$ 11.00 (when travel begins before 12 noon and extends beyond 2 p.m.)		$ 220.00
Dinner	20	Meals	$ 18.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)		$ 420.00
Mileage	0	Miles	$ 0.485 (for use of personal vehicle)		$ -
Administration of SubConsultants			General Administration Cost for Sub Management		$ 3,945.85
Reimbursable Project Cost			Audited Cost Rate on Phones, Computers, Copiers, Faxes, Correspondance, Materials Reports, etc		$ 6,187.27
				Total Labor Dir. Exp. & IG	$110,457.18

Note: For invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

	MWH	Subs	Total
Total Amount for Lump Sum	**$ 110,457.18**	**$43,842.82**	**$ 154,300.00**

Position	Name	Labor Multiplier	Raw Salary	Hourly Rate	Travel	Cost per Trip	#Trips	Duration
Senior QA/QC	Glenn Humphries	2.85	$ 74.15	$ 211.32	Local	$0	0	0
Process Technical Advisor	Karla Kinser	2.85	$ 51.57	$ 146.97	Denver	$480	3	6
Senior Technical Advisor	Hal Smitch	2.85	$ 71.96	$ 205.09	Tampa	$225	3	6
Project Manager	Bruce Petrick	2.85	$ 76.95	$ 219.31	Local	$0	0	0
Design Manager	Brian Lamay	2.85	$ 41.05	$ 116.99	Local	$0	0	0
Regulatory Manager	Lynette Cardoch	2.85	$ 48.08	$ 137.03	Local	$0	0	0
Design Engineer	Kimberly Chanslor	2.85	$ 40.86	$ 116.45	Local	$0	0	0
Agency Coordination	Luis Casado	2.85	$ 72.12	$ 205.54	Local	$0	0	0
Process Engineer	Sangeeta S.	2.85	$ 42.44	$ 120.95	Local	$0	0	0
Administrator	Aquila Jones	2.85	$ 32.00	$ 91.20	Local	$0	0	0
Secretary	Laura Rodriguez	2.85	$ 28.00	$ 79.80	Local	$0	0	0

* Meetings by phone

Proposal - Work Order No 1 E07-WASD-03

Proposal for Engineering Services Labor Expenses - Hazen & Sawyer **Attachment A-1**

Position	Name	Hourly Rate	Task 4 (Hours)	Task 5 (Hours)	Task 7 (Hours)	Task 8 (Hours)	Total Labor (Hours)	Raw Costs	FEE
Senior Advisor QA/QC	Jim Cowgil	$ 191.89	4				4	269.32	$ 767.56
Design Manager	Jayson Page	$ 124.35			8	8	16	698.08	$ 1,989.53
Regulatory	Rich Cisterna	$ 185.39	8		8	8	24	1561.2	$ 4,449.42
		$ -					-	0	$ -
		$ -					-	0	$ -
		$ -					-	0	$ -
		$ -					-	0	$ -
		$ -					-	0	$ -
		$ -					-	0	$ -
		$ -					-	0	$ -
		$ -					-	0	$ -
Subtotal			12	0	16	16	44	$ 2,528.60	$ 7,206.51

Units	No. of		$ / Unit	Total
Air Travel	0	flight	Coach Fair -	$ -
Lodging (by days)	0	Days	See Attached "Maximum Daily Lodging Rates" (Miami $ 125)	$ -
Car Rental (by days)	0	Days	$50.00	$ -
Gas (for rental cars only)	0	Gallons	$2.30	$ -
Food				
Breakfast	0	Meals	$ 5.00 (when travel begins before 6 a.m. and extends beyond 8 p.m.)	$ -
Lunch	0	Meals	$ 9.00 (when travel begins before 12 noon and extends beyond 2 p.m.)	$ -
Dinner	0	Meals	$ 18.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)	$ -
Mileage	0	Miles	$ 0.48 (for use of personal vehicle)	$ -
Administration of SubConsultants			General Administration Cost for Sub Management	
			Total Labor Dir. Exp. & IG	$ 7,206.51

Note: For invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

Hazen & Sawyer

Total Amount for Lump Sum **$ 7,206.51**

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Proposal - Work Order No 1 E07-WASD-03

Proposal for Engineering Services Labor Expenses - SPI **Attachment A-2**

Position	Name	Hourly Rate	Task 4 (Hours)	Task 5 (Hours)	Task 7 (Hours)	Task 8 (Hours)	Total Labor (Hours)	Raw Costs	FEE
Lead Technical MF/RO	Kevin Alexander	$ 185.25		8	40	12	60	$ 3,900.00	$ 11,115.00
		$ -					-	$ -	
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
							-	$ -	$ -
							-	$ -	$ -
							-	$ -	$ -
							-	$ -	$ -
							-	$ -	$ -
							-	$ -	$ -
Subtotal			0	8	40	12	60	$ 3,900.00	$ 11,115.00

Units	No. of		$ / Unit	Total
Air Travel	2	flight	Coach Fair -	$ 900.00
Lodging (by days)	5	Days	See Attached "Maximum Daily Lodging Rates" (Miami $ 125)	$ 625.00
Car Rental (by days)	0	Days	$50.00	$ -
Gas (for rental cars only)	0	Gallons	$2.30	$ -
Food				
Breakfast	0	Meals	$ 5.00 (when travel begins before 6 a.m. and extends beyond 8 p.m.)	$ -
Lunch	0	Meals	$ 9.00 (when travel begins before 12 noon and extends beyond 2 p.m.)	$ -
Dinner	0	Meals	$ 18.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)	$ -
Mileage	0	Miles	$ 0.48 (for use of personal vehicle)	$ -
Administration of SubConsultants	General Administration Cost for Sub Management			
	Inspector General .25% of above, if applicable		$ - Total Labor Dir. Exp. & IG	$ 12,640.00

Note: For invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

SPI

Total Amount for Lump Sum **$ 12,640.00**

Proposal - Work Order No 1 E07-WASD-03

Proposal for Engineering Services Labor Expenses - Consultech Surveying and Mapping **Attachment A-3**

Position	Name	Hourly Rate	Task 1 (Hours)	Task 2 (Hours)			Total Labor (Hours)	Raw Costs	FEE
Senior Advisor	Carlos Mallol	$ 150.00	10	10			20	$ 1,300.00	$ 3,000.00
Senior Manager	Sevin Bruce	$ 120.70	6	8			14	$ 592.90	$ 1,689.77
Suveryor Manager	Darryl Hauser	$ 102.70	2				2	$ 72.04	$ 205.39
Survey Tech	Paul Raskin	$ 71.25					-	$ -	$ -
Surveyors	TBD	$ 99.75					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
Subtotal			18	18	0	0	36	$ 1,964.94	$ 4,895.16

Units	No. of		$ / Unit	Total
Air Travel	0	flight	Coach Fair -	$ -
Lodging (by days)	0	Days	See Attached "Maximum Daily Lodging Rates" (Miami $ 125)	$ -
Car Rental (by days)	0	Days	$50.00	$ -
Gas (for rental cars only)	0	Gallons	$2.30	$ -
Food				
Breakfast	0	Meals	$ 5.00 (when travel begins before 6 a.m. and extends beyond 8 p.m.)	$ -
Lunch	0	Meals	$ 9.00 (when travel begins before 12 noon and extends beyond 2 p.m.)	$ -
Dinner	0	Meals	$ 18.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)	$ -
Mileage	0	Miles	$ 0.48 (for use of personal vehicle)	$ -
Administration of SubConsultants	General Administration Cost for Sub Management			
	Inspector General .25% of above, if applicable		$ - Total Labor Dir. Exp. & IG	$ 4,895.16

Note: For invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

Consultech S&M

Total Amount for Lump Sum **$ 4,895.16**

Proposal - Work Order No 1 E07-WASD-03

Proposal for Engineering Services Labor Expenses - NOVA Engineering Consulting, Inc. **Attachment A-4**

Position	Name	Hourly Rate	Task 6 (Hours)	Task 8 (Hours)			Total Labor (Hours)	Raw Costs	FEE
Senior Advisor	Maria Molina	$ 213.75					-	$ -	$ -
Project Lead Eng	Steven Eagle	$ 173.34					-	$ -	$ -
Discipline Lead Eng	James Nichols	$ 123.32	24	24			48	$ 2,076.96	$ 5,919.34
Senior Engineer*	Benjamin Gilbert	$ 117.82					-	$ -	$ -
Senior Engineer*	Yusseff Hachem	$ 151.48					-	$ -	$ -
Staff Engineer	Rachel Ferradaz	$ 101.40					-	$ -	$ -
CADD Senior Designer	Stephanie Minguez	$ 86.93					-	$ -	$ -
CADD Staff Designer	Orlando Alfonso	$ 71.93					-	$ -	$ -
Senior Admin	Alex Regalado	$ 61.65					-	$ -	$ -
Admin	Jose Saucedo	$ 57.00					-	$ -	$ -
		$ -					-	$ -	$ -
Subtotal			24	24	0	0	48	$ 2,076.96	$ 5,919.34

Units	No. of		$ / Unit	Total
Air Travel	0	flight	Coach Fair -	$ -
Lodging (by days)	0	Days	See Attached "Maximum Daily Lodging Rates" (Miami $ 125)	$ -
Car Rental (by days)	0	Days	$50.00	$ -
Gas (for rental cars only)	0	Gallons	$2.30	$ -
Food				
Breakfast	0	Meals	$ 5.00 (when travel begins before 6 a.m. and extends beyond 8 p.m.)	$ -
Lunch	0	Meals	$ 9.00 (when travel begins before 12 noon and extends beyond 2 p.m.)	$ -
Dinner	0	Meals	$ 18.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)	$ -
Mileage	0	Miles	$ 0.48 (for use of personal vehicle)	$ -
Administration of SubConsultants	General Administration Cost for Sub Management			
	Inspector General .25% of above, if applicable		$ - Total Labor Dir. Exp. & IG	$ 5,919.34

Note: For invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

NOVA

Total Amount for Lump Sum **$ 5,919.34**

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Proposal - Work Order No 1 E07-WASD-03

Proposal for Engineering Services Labor Expenses - Milian, Swain and Associates, Inc. **Attachment A-5**

Position	Name	Hourly Rate	Task 1 (Hours)	Task 2 (Hours)	Task 4 (Hours)		Total Labor (Hours)	Raw Costs	FEE
Principal	Arsenio Milian	$ 213.75					-	$ -	$ -
Principal	Deborah Swain	$ 171.29	4	24	24		52	$ 3,125.20	$ 8,906.82
Senior Consultant	Maria Bravo	$ 135.38					-	$ -	$ -
Project Manager	Julio Menache	$ 157.86					-	$ -	$ -
Senior Engineer	Juan Jurado	$ 102.77					-	$ -	$ -
Project Engineer	Joe Palacios	$ 86.33					-	$ -	$ -
CADD Technician	Lourdes Garcia	$ 64.70					-	$ -	$ -
Engineering Assistant	Sandra Castillo	$ 52.07					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
Subtotal			4	24	24	0	52	$ 3,125.20	$ 8,906.82

Units	No. of		$ / Unit	Total
Air Travel	0	flight	Coach Fair -	$ -
Lodging (by days)	0	Days	See Attached "Maximum Daily Lodging Rates" (Miami $ 125)	$ -
Car Rental (by days)	0	Days	$50.00	$ -
Gas (for rental cars only)	0	Gallons	$2.30	$ -
Food				
Breakfast	0	Meals	$ 5.00 (when travel begins before 6 a.m. and extends beyond 8 p.m.)	$ -
Lunch	0	Meals	$ 9.00 (when travel begins before 12 noon and extends beyond 2 p.m.)	$ -
Dinner	0	Meals	$ 18.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)	$ -
Mileage	0	Miles	$ 0.48 (for use of personal vehicle)	$ -
Administration of SubConsultants	General Administration Cost for Sub Management			
	Inspector General .25% of above, if applicable		$ - Total Labor Dir. Exp. & IG	$ 8,906.82

Note: For invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

MSA 0

Total Amount for Lump Sum **$ 8,906.82** 0

Proposal - Work Order No 1 E07-WASD-03

Proposal for Engineering Services Labor Expenses - Geosol **Attachment A-6**

Position	Name	Hourly Rate	Task 1 (Hours)	Task 2 (Hours)	Task 3 (Hours)	Task 4 (Hours)	Total Labor (Hours)	Raw Costs	FEE
Principal		$ -					-	$ -	$ -
Project Manager		$ -					-	$ -	$ -
Vice-President, Senior Engineer		$ -					-	$ -	$ -
Senior Design Engineer		$ -					-	$ -	$ -
Senior Design Engineer		$ -					-	$ -	$ -
Senior Design Engineer		$ -					-	$ -	$ -
CADD Technician		$ -					-	$ -	$ -
CADD Technician		$ -					-	$ -	$ -
Techinical Support		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
Subtotal			0	0	0	0	-	$ -	$ -

Units	No. of		$ / Unit	Total
Air Travel	0	flight	Coach Fair -	$ -
Lodging (by days)	0	Days	See Attached "Maximum Daily Lodging Rates" (Miami $ 125)	$ -
Car Rental (by days)	0	Days	$50.00	$ -
Gas (for rental cars only)	0	Gallons	$2.30	$ -
Food				
Breakfast	0	Meals	$ 5.00 (when travel begins before 6 a.m. and extends beyond 8 p.m.)	$ -
Lunch	0	Meals	$ 9.00 (when travel begins before 12 noon and extends beyond 2 p.m.)	$ -
Dinner	0	Meals	$ 18.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)	$ -
Mileage	0	Miles	$ 0.48 (for use of personal vehicle)	$ -
Administration of SubConsultants	General Administration Cost for Sub Management			
	Inspector General .25% of above, if applicable		$ - Total Labor Dir. Exp. & IG	$ -

Note: For invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

	Geosol
Total Amount for Lump Sum	**$ -**

6
2

Proposal - Work Order No 1 E07-WASD-03

Proposal for Engineering Services Labor Expenses - CES **Attachment A-7**

Position	Name	Hourly Rate	Task 1 (Hours)	Task 2 (Hours)	Task 3 (Hours)	Task 4 (Hours)	Total Labor (Hours)	Raw Costs	FEE
Senior CM Manager	Rudy Ortiz	$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
Subtotal			0	0	0	0	-	$ -	$ -

Units	No. of		$ / Unit	Total
Air Travel	0	flight	Coach Fair -	$ -
Lodging (by days)	0	Days	See Attached "Maximum Daily Lodging Rates" (Miami $ 125)	$ -
Car Rental (by days)	0	Days	$50.00	$ -
Gas (for rental cars only)	0	Gallons	$2.30	$ -
Food				
Breakfast	0	Meals	$ 5.00 (when travel begins before 6 a.m. and extends beyond 8 p.m.)	$ -
Lunch	0	Meals	$ 9.00 (when travel begins before 12 noon and extends beyond 2 p.m.)	$ -
Dinner	0	Meals	$ 18.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)	$ -
Mileage	0	Miles	$ 0.48 (for use of personal vehicle)	$ -
Administration of SubConsultants	General Administration Cost for Sub Management			
	Inspector General .25% of above, if applicable		$ - Total Labor Dir. Exp. & IG	$ -

Note: For invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

CES

Total Amount for Lump Sum **$ -**

Proposal - Work Order No 1 E07-WASD-03

Proposal for Engineering Services Labor Expenses - BCC

Attachment A-8

Position	Name	Hourly Rate	Task 3 (Hours)				Total Labor (Hours)	Raw Costs	FEE
Engineering Support	Manuel Benitez	$ 158.79	14				14	$ 780.00	$ 2,223.00
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
Subtotal			14	0	0	0	14	$ 780.00	$ 2,223.00

Units	No. of		$ / Unit	Total
Air Travel	0	flight	Coach Fair -	$ -
Lodging (by days)	0	Days	See Attached "Maximum Daily Lodging Rates" (Miami $ 125)	$ -
Car Rental (by days)	0	Days	$50.00	$ -
Gas (for rental cars only)	0	Gallons	$2.30	$ -
Food				
Breakfast	0	Meals	$ 5.00 (when travel begins before 6 a.m. and extends beyond 8 p.m.)	$ -
Lunch	0	Meals	$ 9.00 (when travel begins before 12 noon and extends beyond 2 p.m.)	$ -
Dinner	0	Meals	$ 18.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)	$ -
Mileage	0	Miles	$ 0.48 (for use of personal vehicle)	$ -
Administration of SubConsultants	General Administration Cost for Sub Management			
	Inspector General .25% of above, if applicable		$ - Total Labor Dir. Exp. & IG	$ 2,223.00

Note: For invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

BCC

Total Amount for Lump Sum **$ 2,223.00**

Proposal - Work Order No 1 E07-WASD-03

Proposal for Engineering Services Labor Expenses - Media Relations Group, LLC. **Attachment A-9**

Position	Name	Hourly Rate	Task 1 (Hours)				Total Labor (Hours)	Raw Costs	Multiplied Costs
Public Relations Program	Alicia Gonzales	$ 128.25	16				16	$ 720.00	$ 2,052.00
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
		$ -					-	$ -	$ -
Subtotal			16	0	0	0	16	$ 720.00	$ 2,052.00

Units	No. of		$ / Unit	Total
Air Travel	0	flight	Coach Fair -	$ -
Lodging (by days)	0	Days	See Attached "Maximum Daily Lodging Rates" (Miami $ 125)	$ -
Car Rental (by days)	0	Days	$50.00	$ -
Gas (for rental cars only)	0	Gallons	$2.30	$ -
Food				
Breakfast	0	Meals	$ 5.00 (when travel begins before 6 a.m. and extends beyond 8 p.m.)	$ -
Lunch	0	Meals	$ 9.00 (when travel begins before 12 noon and extends beyond 2 p.m.)	$ -
Dinner	0	Meals	$ 18.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)	$ -
Mileage	0	Miles	$ 0.48 (for use of personal vehicle)	$ -
Administration of SubConsultants	General Administration Cost for Sub Management			
	Inspector General .25% of above, if applicable		$ - Total Labor Dir. Exp. & IG	$ 2,052.00

Note: For invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

MRG

Total Amount for Lump Sum **$ 2,052.00**

Proposal - Work Order No 1 E07-WASD-03

Name of Prime Consultant: MWH Americas, Inc.

WASD Agreement No.:

This form should be completed: (1) for all requests to use an additional subconsultant on the indicated agreement or (2) for all task proposals

	Name of Subconsultant	New Subconsultant Yes/No	Professional Certification	CBE Certification No.	Date of Affirmative Action Plan Approval Letter	Type of Work to be Performed by Subconsultant	Dollar Amount	% of Proposal
A-1	Hazen & Sawyer	No		N/A		Engineering Consulting	$ 7,207	5%
A-2	Separation Processes, Inc	No		N/A		Engineering Consulting	$ 12,640	8%
A-3	Consul-Tech Surveying and Mapping	No		N/A		Surveying and Mapping	$ 4,895	3%
A-4	NOVA Consulting	No				Engineering Consulting	$ 5,919	4%
A-5	Milian, Swain and Associates, Inc	No				Regulatory and Consulting	$ 8,907	6%
A-6	Geosol, Inc	No				Geotechnical Services	$ -	0%
A-7	CES Consultants	No				Construction Management	$ -	0%
A-8	BCC Engineering	No				Engineering Consulting	$ 2,223	1%
A-9	Media Relations Group, LLC.	No		N/A		PR and Information Programs	$ 2,052	1%
							$ 43,843	28%

Luis Casado
Print Name

Signature

Project Manager
Print Title

Date