MEMORANDUM

MIAMI-DADE COUNTY

Date: March 3, 2009

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

Agenda Item No. 8(P)(1)(E)

From: George M. Burgess
County Manager

Subject: Contract Award Recommendation in the Amount of $3,398,590.76 between Triangle Associates, Inc. and Miami-Dade County Project Entitled Venetian Causeway Bridge Replacement, Located within Commission Districts 3 & 4 (Project No: E07-PW-02; Contract No: 20070661)

Recommendation

This Recommendation for Award of a Professional Services Agreement (PSA) Contract No. 20070661 has been prepared by the Public Works Department (PWD) and is recommended for approval.

Delegation of Authority - The authority of the County Mayor or County Mayor's designee to execute and implement this contract is consistent with those authorities granted under the Code of Miami-Dade County. Additional delegation of authorities requested for this contract are as follows:

No additional authority is being requested within the body of this contract.

Scope

PROJECT NAME: Venetian Causeway Bridge Replacement

PROJECT NO: E07-PW-02

CONTRACT NO: 20070661

PROJECT DESCRIPTION: The Miami-Dade County Public Works Department (PWD) has the need to establish one (1) Non-exclusive Professional Services Agreement (PSA) to provide Planning, Public Involvement, Design, and Construction Services in the preparation of complete construction plans for the replacement of the twelve (12) existing bridges on the Venetian Causeway. The design project shall include design for the complete replacement of eleven (11) bridges and a partial replacement of one (1) other bridge. The scope of work includes, but is not limited to: approach roadways, drainage, survey, maintenance of traffic, utility adjustments, geotechnical investigations, lighting, permits, cost estimates, architectural details, and all of the necessary incidental items for a complete project.

The Venetian Causeway was nominated to the Register by the FDOT Historic Preservation Officer on June 5th, 1989 and it was actually placed on the

Register on July 13th, 1989.

Both the City of Miami and Miami Beach have also designated the Causeway as a local historic landmark. In light of this designation, past projects, studies and commitments (architectural types, typical sections, alignments, maintenance of traffic, etc.) shall be investigated and incorporated in the work as necessary.

The identification numbers for the eleven (11) bridges to be completely replaced are Bridge No.s: 874460, 874461, 874463, 874465, 874466, 874471, 874472, 874473, 874474, 874477 and 874481. The identification number for the one (1) bridge that is to be partially replaced is Bridge No. 874459.

A Bridge Development Report (BDR) will be submitted along with the 30% plans. This report shall include full geometric design for all of the bridges and roadway approaches and provide all architectural treatments for the bridges. Development of the BDR will be a collaborative effort that will include extensive public involvement and coordination with various interest groups as well as the City of Miami and the City of Miami Beach. After approval of the BDR by PWD, final plans and construction documents will be prepared.

PROJECT LOCATION: Venetian Causeway

PROJECT SITES:

SITE #	LOCATION 1	DIST	ESTIMATE	T-S-R
#75322	Venetian Bridges	3 & 4	$3,398,590.76	0-0-0

PRIMARY COMMISSION DISTRICT: Various Districts

APPROVAL PATH: Board of County Commissioners

OCI A&E PROJECT NUMBER: E07-PW-02

USING DEPARTMENT: Public Works Department

MANAGING DEPARTMENT: Public Works Department

Fiscal Impact / Funding Source

OPERATIONS COST IMPACT/FUNDING: This agreement is for design services. Since this is a replacement project, once constructed the annual operations cost will continue to be approximately $357,740. The funding sources to be utilized are from Causeway Fund ER 430.

MAINTENANCE COST IMPACT/FUNDING: This agreement is for design services. Since this is a replacement project, once constructed the annual maintenance cost will continue to be approximately $542,996. The funding sources to be utilized are from Causeway Fund ER 430.

LIFE EXPECTANCY OF ASSET: Estimated 75 years

FUNDING SOURCES:

SOURCE	
Sunshine State Financing	$1,500,000.00
FDOT – County Incentive Grant Program (CIGP)	$1,500,000.00
Causeway Toll Revenue - This project exceeds the FY 2008-09 programmed appropriations by $398,590.76, which will be made available with funds appropriated in Project 605860 realized as savings due to lower bid in that project.	$398,590.76
Any other applicable funding sources except People's Transportation Plan (PTP) and General Obligation Bond (GOB) as noted below, may subsidize this contract subject to Board approval.	
Total Funding:	$3,398,590.76

PTP FUNDING: No

GOB FUNDING: No

CAPITAL BUDGET PROJECTS:

BUDGET PROJECT / DESCRIPTION	AWARD ESTIMATE
607640-VENETIAN BRIDGE DESIGN Book Page: Page 51 Funding Year: Adopted Capital Budget Book for FY 2008-09, Prior Years Funds (The total available funding for Prior Years is $2,500,000).	$2,500,000.00
607640-VENETIAN BRIDGE DESIGN Book Page: Page 51 Funding Year: Adopted Capital Budget Book for FY 2008-09, FY 2008-09 Funds (The total available funding for FY 2008-09 is $500,000).	$500,000.00
605860-VENETIAN BRIDGE REHABILITATION Book Page: Page 52 Funding Year: Adopted Capital Budget Book for FY 2008-09, FY 2008-09 funds. This project was awarded for less than the all years' programmed funding; therefore, excess funding appropriated in FY 2008-09 will be reallocated to supplement the subject project.	$398,590.76
Project Totals:	$3,398,590.76

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:

TYPE	CODE	DESCRIPTION
Prime	3.03	HIGHWAY SYSTEMS – BRIDGE DESIGN
Other	3.02	HIGHWAY SYSTEMS – HIGHWAY DESIGN
Other	3.09	HIGHWAY SYSTEMS – SIGNING, PAVEMENT MARKING, AND CHANNELIZATION
Other	3.10	HIGHWAY SYSTEMS – LIGHTING
Other	9.01	SOILS, FOUNDATIONS AND MATERIALS TESTING – DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES
Other	9.02	SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES
Other	10.01	ENVIRONMENTAL ENGINEERING - STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES
Other	14.00	ARCHITECTURE
Other	15.01	SURVEYING AND MAPPING - LAND SURVEYING
Other	15.02	SURVEYING AND MAPPING - AERIAL PHOTOGRAMMETRY
Other	17.00	ENGINEERING CONSTRUCTION MANAGEMENT

NTPC'S DOWNLOADED: 98

PROPOSALS RECEIVED: 7

CONTRACT PERIOD: 1095 Days. This Agreement shall remain in full force and effect for three (3) years after its date of execution or until completion of all project phases, whichever occurs last, unless terminated by mutual consent of the parties hereto.

CONTINGENCY PERIOD: 0 Days.

IG FEE INCLUDED IN BASE CONTRACT: Yes

ART IN PUBLIC PLACES: No

BASE ESTIMATE: $2,727,272.73

BASE CONTRACT AMOUNT: $3,089,627.96 As a result of the design services negotiation meeting between Miami-Dade County and Triangle Associates, Inc., the scope of work was revised and the base contract amount

was increased to include the preparation of a Historic Resources Information and Evaluation Report and Financial Planning and Funding Strategies.

CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):	TYPE	PERCENT	AMOUNT	COMMENT
	PSA	10%	$308,962.80	
TOTAL DEDICATED ALLOWANCE:	$0.00			
TOTAL AMOUNT:	$3,398,590.76			

Track Record / Monitor

SBD HISTORY OF VIOLATIONS: None. No violations on file.

EXPLANATION: At the December 18, 2007, First-Tier meeting, the Competitive Selection Committee (CSC) evaluated all the proposals received for this solicitation. The top three (3) ranked firms were selected to present at the January 25, 2008, Second-Tier meeting.

The CSC recommended negotiations with Triangle Associates, Inc. as the top ranked firm. The Authorization to Negotiate was received from the County Manager on February 11, 2008. Negotiations were successfully concluded on July 21, 2008. However, there was a delay in securing an additional $400,000 to supplement the Sunshine State financing and FDOT CIGP funds. Once funds were identified PWD proceeded with the award recommendation.

PWD has reviewed the performance records concerning Triangle Associates, Inc. and found the consultant is performing work for PWD at a satisfactory level. In addition, PWD has also reviewed the Office of Capital Improvements (OCI) CIIS database and found the consultant has received an evaluation with an overall performance rating of 2.9 out of possible 4.0 points. This represents a satisfactory performance.

Following completion of the award process, the project will be assigned to Mr. Marcos Redondo, P.E., Project Manager for day to day responsibilities.

SUBMITTAL DATE: 11/21/2007

ESTIMATED NOTICE TO PROCEED: 4/2/2009

PRIME CONSULTANT: Triangle Associates, Inc.

COMPANY PRINCIPAL:	Osiris Quintana, P.E.
COMPANY QUALIFIERS:	Osiris Quintana, P.E.
COMPANY EMAIL ADDRESS:	oquintana@triangleassociates.com
COMPANY STREET ADDRESS:	14100 Palmetto Frontage Road, Suite 390
COMPANY CITY-STATE-ZIP:	Miami Lakes, Florida 33016
YEARS IN BUSINESS:	12
PREVIOUS CONTRACTS WITH COUNTY IN THE LAST FIVE YEARS:	According to the Firm History Report provided by the Department of Small Business Development (SBD), Triangle Associates, Inc. has received nine (9) contracts in the last five (5) years for a total of dollar value of $1,721,108.90.
SUBCONSULTANTS:	T.Y. Lin International Consul-Tech Surveying & Mapping, Inc. Consul-Tech Transportation, Inc. Consul-Tech Construction Management, Inc. Rizo Carreno & Partners, Inc. Nifah and Partners Consulting Engineers, Inc. Ardaman & Associates, Inc. Construction Engineering Consultants Corp. Southern Resource Mapping of Miami, Inc. Florida Transportation Engineering, Inc. Janus Research, Inc. Media Relations Group, LLC Jeffrey A. Parker & Associates, Inc.
MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS:	No
REVIEW COMMITTEE:	**MEETING DATE:** 6/27/2007 **SIGNOFF DATE:** 6/27/2007
RESPONSIBLE WAGES:	No

REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:

TYPE	GOAL	ESTIMATED VALUE	COMMENT
CBE	30.00%	$1,019,577.23	
CWP	0.00%	0	Not Applicable

MANDATORY CLEARING HOUSE:	No		
CONTRACT MANAGER NAME/PHONE/EMAIL:	Miguel Riera	(305) 375-5820	rieram@miamidade.gov
PROJECT MANAGER NAME/PHONE/EMAIL:	Marcos Redondo, P.E.	(305) 375-3848	marcosr@miamidade.gov

Background

BACKGROUND: The Venetian Causeway is approximately 2.5 miles long and is essentially a two (2) lane undivided facility with access roads to the residences in the various connected islands. It includes twelve (12) bridges built in 1926 that are mainly short span reinforced concrete arch beam bridges. Two (2) of these twelve bridges include a bascule leaf span.

The Causeway provides a major link between the City of Miami and the City of Miami Beach, serves as an evacuation route from the City of Miami Beach to the main land, and provides access to all of the residents of the islands from both cities.

Presently, the bridges exhibit severe deterioration due to their proximity to the very aggressive marine environment. Additionally, due to the new design codes, these bridges do not meet current loading requirements. A rehabilitation contract to perform repairs that will restore the bridges to their original load carrying capacity is in the process of being awarded. However, the life expectancy is approximately 10 years after the rehabilitation is completed.

Miami-Dade County (MDC) has secured State of Florida funding through the County Incentive Grant Program (CIGP) in order to design the replacement bridges. The total CIGP fund available is $1.5 million and MDC has a total of $1.9 million in matching funds.

Construction of the project, estimated at $100 million, is currently unfunded. However, the Department recommends proceeding with the design at this time as funding options continue to be explored.

DEPARTMENT FINANCE: _____ 12/17/08
DEPT FINANCE OFFICER: **DATE:**

INDEX CODES: PWVNBRDSCSWY, 94113

BUDGET APPROVAL FUNDS AVAILABLE: For Jean _____ 1-14-09
OSBM DIRECTOR **DATE**

APPROVED AS TO LEGAL SUFFICIENCY: _____ 1/15/09
COUNTY ATTORNEY **DATE**

CAPITAL IMPROVEMENTS CONCURRENCE: GN 1/23 _____ 1-23-09
OCI DIRECTOR **DATE**

_____
ASSISTANT COUNTY MANAGER **DATE**

CLERK DATE _____

DATE

MEMORANDUM

(Revised)

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

DATE: March 3, 2009

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

SUBJECT: Agenda Item No. 8(P)(1)(E)

Please note any items checked.

_____ **"4-Day Rule" ("3-Day Rule" for committees) applicable if raised**

_____ **6 weeks required between first reading and public hearing**

_____ **4 weeks notification to municipal officials required prior to public hearing**

_____ **Decreases revenues or increases expenditures without balancing budget**

_____ **Budget required**

_____ **Statement of fiscal impact required**

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

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

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

_____ **No committee review**

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(P)(1)(E)
3-3-09

RESOLUTION NO. _____

RESOLUTION APPROVING A CONTRACT AWARD RECOMMENDATION IN THE AMOUNT OF $3,398,590.76 BETWEEN TRIANGLE ASSOCIATES, INC. AND MIAMI-DADE COUNTY PROJECT ENTITLED VENETIAN CAUSEWAY BRIDGE REPLACEMENT, LOCATED WITHIN COMMISSION DISTRICTS 3 AND 4 (PROJECT NO. E07-PW-02; CONTRACT NO. 20070661)

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 approves the Contract Award Recommendation in the amount of $3,398,590.76 between Triangle Associates, Inc. and Miami-Dade County Project Entitled Venetian Causeway Bridge Replacement, Located within Commission Districts 3 and 4 (Project No. E07-PW-02; Contract No. 20070661) in substantially the form attached hereto and made a part hereof.

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:

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

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

The Chairperson thereupon declared the resolution duly passed and adopted this 3rd day of March, 2009. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

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

HARVEY RUVIN, CLERK

By:_____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Hugo Benitez

Memorandum

MIAMI-DADE COUNTY

Date: December 26, 2007

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

From: Penelope Townsley, Director
Small Business Development

Subject: CBE Compliance Review
Project No. E07-PW-02
Venetian Causeway Bridge Replacement

The Department of Small Business Development (SBD) 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 30% CBE sub-consultant goal.

The Construction Contracts Section of the Miami-Dade Office of Capital Improvements has submitted proposals from EAC Consulting, Inc. (#3), Beiswenger, Hoch & Associates, Inc. (#4), and Triangle Associates, Inc. (#5) for compliance review.

EAC Consulting, Inc. (#3) submitted the required Schedule of Participation that listed CBE sub-consultant ADA Engineering, Inc. to perform Highway Systems-Lighting and Environmental Engineering-Stormwater Drainage Design Services at 9%, Gurri Matute, P.A. to perform Architecture at 3%, HR Engineering Services, Inc. to perform Drilling, Subsurface Investigations & Seismographic Services and Geotechnical & Materials Engineering Services at 7%, Milian, Swain & Associates, Inc. to perform Environmental Engineering-Biology at 3%, Robayna and Associates, Inc. to perform Surveying and Mapping-Land Surveying at 5%, and Southern Resource Mapping of Miami, Inc. to perform Aerial Photogrammetry also at 3%. The Letters of Intent submitted were in agreement with the Schedule of Participation. EAC Consulting, Inc. is in compliance with the CBE Participation Provisions.

Beiswenger, Hoch & Associates, Inc. (#4) submitted the required Schedule of Participation that listed CBE sub-consultants Botas Engineering, Inc. to perform Highway Systems-Bridge Design at 20%, BCC Engineering, Inc. to perform Highway Systems-Bridge Design at 10%, and Geosol, Inc. to perform Drilling, Subsurface Investigations & Seismographic Services and Geotechnical & Materials Engineering Services at 5%. The Letters of Intent submitted were in agreement with the Schedule of Participation. Beiswenger, Hoch & Associates, Inc. is in compliance with the CBE Participation Provisions.

Triangle Associates, Inc. (#5) a certified CBE-A/E firm, submitted the required Schedule of Participation that listed itself to perform Highway Systems-Highway Design, Highway Systems-Bridge Design, Highway Systems-Signing, Pavement Marking, and Channelization, Environmental Engineering-Stormwater Drainage Design Services, and Engineering Construction Management at 15%. The Schedule of Participation also listed CBE-A/E sub-consultants Nifah and Partners Consulting Engineers, Inc. to perform Engineering Construction Management at 7%, Southern Resource Mapping of Miami, Inc. to perform Aerial Photogrammetry at 4%, and Florida Transportation Engineering, Inc. to perform Highway

Systems-Lighting also at 4%. The Letters of Intent submitted were in agreement with the Schedule of Participation. Triangle Associates, Inc. is in compliance with the CBE Participation Provisions.

Please note that SBD 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: Luisa Millan-Donovan, OCI
Traci Adams-Parish, SBD
File

Dept. of Business Development

Project Worksheet

Project/Contract Title: VENETIAN CAUSEWAY BRIDGE REPLACEMENT (SIC 871)

RC Date: 06/27/2007

Project/Contract No: E07-PW-02

Funding Source: VARIOUS

Item No: 1-01

Department: PUBLIC WORKS DEPARTMENT

Estimated Cost of Project/Bid: $3,000,000.00

Resubmittal Date(s):

Description of Project/Bid: TO ESTABLISH ONE (1) NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT (PSA) TO PROVIDE PLANNING, PUBLIC INVOLVEMENT, DESIGN, AND CONSTRUCTION SERVICES IN THE PREPARATION OF COMPLETE CONSTRUCTION PLANS FOR THE REPLACEMENT OF THE TWELVE EXISTING BRIDGES ON THE VENETIAN CAUSEWAY. THE PROJECT SHALL INCLUDE THE COMPLETE REPLACEMENT OF ELEVEN BRIDGES AND A PARTIAL REPLACEMENT OF ONE OTHER BRIDGE.

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	CBE	30.00%

Reasons for Recommendation

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

Funding sources: Causeways and FDOT contributions.

SIC 871 - Architectural and Engineering Services

Analysis for Recommendation of a Goal

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
ENVIRONMENTAL ENG-STORMWATER DRAINAGE DESIGN SERV	CBE	$120,000.00	4.00%	35
ARCHITECTURE	CBE	$90,000.00	3.00%	35
SURVEYING AND MAPPING-LAND SURVEYING	CBE	$60,000.00	2.00%	12
ENGINEERING CONSTRUCTION MANAGEMENT	CBE	$300,000.00	10.00%	70
HIGHWAY SYSTEMS-SIGNING, PAVEMENT MARKING, CHANNEL	CBE	$90,000.00	3.00%	29
HIGHWAY SYSTEMS-LIGHTING	CBE	$90,000.00	3.00%	15
GEOTECHNICAL & MATERIALS ENGINEERING SERVICES	CBE	$150,000.00	5.00%	8
	Total	$900,000.00	30.00%	

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** 30% **Bid Preference** _____

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

6.27.07

Chairperson, Review Committee — Date — County Manager — Date

DBDR0090 v. 20051019

CAUSEWAYS DIVISION
CAUSEWAYS CAPITAL PROJECTS

		07/08 PROJ.		08/09	09/10	10/11		
LOAN FUNDING CAPITAL PROJECTS		REVENUE	**EXPENSE**	**PLAN**	**PLAN**	**PLAN**	**FUTURE**	TOTAL
CIGP Match-Venetian Bridge Design	A	1,000,000	1,000,000	500,000				1,500,000
CIGP Match-Venetian Bridge Rehabilitation	A1	0	0	3,500,000				3,500,000
Rickenbacker Bike Path (Ph 3)	B	1,000,000	1,000,000	0				1,000,000
Rickenbacker Powell Bridge Structural Survey	C	150,000	150,000	0				150,000
Rickenbacker Powell Bridge Structural Repairs	C1	0	0	250,000	450,000			700,000
Rickenbacker Toll Booths	D	100,000	100,000					100,000
Rickenbacker Shoreline Roadway Protection		2,750,000	150,000	7,450,000				7,600,000
Causeway Toll System Upgrade (Sunpass)		0	0	2,050,000				2,050,000
Venetian Streetscape		1,000,000	0	1,000,000				1,000,000
Venetian Bikepath		100,000	100,000	0				100,000
FINANCING TOTAL		6,100,000	2,500,000	14,750,000	450,000	0	0	17,700,000
PAYGO								
CIGP Match-Venetian Bridge Rehabilitation	A1	2,800,000	2,000,000					2,000,000
Rickenbacker Bike Path (Phase 3)	B	2,310,000	2,310,000					2,310,000
Rickenbacker Toll Booths	D	400,000	400,000					400,000
Rickenbacker Shoreline Roadway Protection		3,350,000	0					0
William Powell Bottom Whaler		125,000	125,000					125,000
Emergency Concrete Repairs (Bear Cut Bridge)		300,000	300,000					300,000
Rickenbacker Bridge Concrete Repairs		500,000	500,000	1,000,000	1,000,000	1,000,000		3,500,000
PAYGO TOTAL		9,785,000	5,635,000	1,000,000	1,000,000	1,000,000	0	8,635,000
TOTAL FOR FINANCING AND PAYGO		**15,885,000**	**8,135,000**	**15,750,000**	**1,450,000**	**1,000,000**		**26,335,000**
GOB FUNDED								
Rick Cswy Bearcut Fishing Catwalk Repair		0	0	0	0	0	1,500,000	1,500,000
RIF FUNDED								
Rickenbacker Bike Path (Phase 3) [1]	B	1,000,000	1,000,000	0	0	0		1,000,000
TOTAL ALL PROJECTS		16,885,000	9,135,000	15,750,000	1,450,000	1,000,000	1,500,000	28,835,000

RICKENBACKER CAUSEWAY ROAD RESURFACING AND BIKEPATH IMPROVEMENTS - PHASE 3 **PROJECT # 6035881**

DESCRIPTION: Mill and resurface the road from west side of the William Powell Bridge to the toll plaza; resurface bikepath from West Bridge to the toll plaza; and construct handrails on the north side of the William Powell Bridge

LOCATION: Rickenbacker Causeway
City of Miami
DISTRICT LOCATED: 5 , 7
ESTIMATED ANNUAL OPERATING IMPACT: Minimal
DISTRICT(s) SERVED: Countywide

REVENUE SCHEDULE:	PRIOR	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	FUTURE	TOTAL
Causeway Toll Revenue	2,310	0	0	0	0	0	0	0	2,310
Road Impact Fees	500	500	0	0	0	0	0	0	1,000
Sunshine State Financing	1,000	0	0	0	0	0	0	0	1,000
TOTAL REVENUE:	**3,810**	**500**	**0**	**0**	**0**	**0**	**0**	**0**	**4,310**

EXPENDITURE SCHEDULE:	PRIOR	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	FUTURE	TOTAL
Construction	3,810	500	0	0	0	0	0	0	4,310
TOTAL EXPENDITURES:	**3,810**	**500**	**0**	**0**	**0**	**0**	**0**	**0**	**4,310**

RICKENBACKER/WILLIAM POWELL BRIDGE STRUCTURAL REPAIRS **PROJECT # 604250**

DESCRIPTION: Complete structural repairs contingent upon structural survey

LOCATION: Rickenbacker Causeway
City of Miami
DISTRICT LOCATED: 5 , 7
ESTIMATED ANNUAL OPERATING IMPACT: Minimal
DISTRICT(s) SERVED: Countywide

REVENUE SCHEDULE:	PRIOR	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	FUTURE	TOTAL
Sunshine State Financing	0	700	0	0	0	0	0	0	700
TOTAL REVENUE:	**0**	**700**	**0**	**0**	**0**	**0**	**0**	**0**	**700**

EXPENDITURE SCHEDULE:	PRIOR	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	FUTURE	TOTAL
Construction	0	250	450	0	0	0	0	0	700
TOTAL EXPENDITURES:	**0**	**250**	**450**	**0**	**0**	**0**	**0**	**0**	**700**

VENETIAN BRIDGE DESIGN **PROJECT # 607640**

DESCRIPTION: Design a new bridge system for the Venetian Causeway

LOCATION: Venetian Causeway
Miami Beach
DISTRICT LOCATED: 3 , 4
ESTIMATED ANNUAL OPERATING IMPACT: Minimal
DISTRICT(s) SERVED: Countywide

REVENUE SCHEDULE:	PRIOR	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	FUTURE	TOTAL
Sunshine State Financing	1,000	500	0	0	0	0	0	0	1,500
FDOT-County Incentive Grant Program	1,500	0	0	0	0	0	0	0	1,500
TOTAL REVENUE:	**2,500**	**500**	**0**	**0**	**0**	**0**	**0**	**0**	**3,000**

EXPENDITURE SCHEDULE:	PRIOR	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	FUTURE	TOTAL
Planning and Design	510	2,490	0	0	0	0	0	0	3,000
TOTAL EXPENDITURES:	**510**	**2,490**	**0**	**0**	**0**	**0**	**0**	**0**	**3,000**

BUDGET PROJECT 607640

Project Title: 607640-VENETIAN BRIDGE DESIGN

Project Desc: Design a new bridge system for the Venetian Causeway

Project($$ in 000's)	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
Expenditures	510,000	2,490,000	0	0	0	0	0	0	3,000,000
Revenue	2,500,000	500,000	0	0	0	0	0	0	3,000,000

Project Type: Capital Update Type

CDPWeb Project Milestones ($ IN 000'S)

Milestone:	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
Planning/Design	510,000	2,490,000	0	0	0	0	0	0	3,000,000

CDPWeb Project Revenue ($ IN 000'S)

Revenue:	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
Sunshine State Financ	1,000,000	500,000	0	0	0	0	0	0	1,500,000
FDOT-County Incentive	1,500,000	0	0	0	0	0	0	0	1,500,000

CIIS Site Funding Info

SITE / Location:	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
75322-Venetian Bridges	2,500,000	500,000	0	0	0	0	0	0	3,000,000

Add GEO Coded Site PROJECT SITES

EXIT

Current Contracts for Project 607640

Dept	ContractNo	Contract Name	RTA Budget Allocation	Award Budget Allocation	CIIS Award
PW	20070661	Venetian Bridge Design	$1,000,000.00	$0.00	$3,089,627.96
PW	20070661	Venetian Bridge Design	$2,000,000.00	$0.00	$3,089,627.96
PW	20070661	Venetian Bridge Design	$2,500,000.00	$0.00	$3,089,627.96
PW	20070661	Venetian Bridge Design	$500,000.00	$0.00	$3,089,627.96
PW	20070661	Venetian Bridge Design	$0.00	$1,000,000.00	$3,089,627.96
PW	20070661	Venetian Bridge Design	$0.00	$2,000,000.00	$3,089,627.96
PW	20070661	Venetian Bridge Design	$0.00	$2,500,000.00	$3,089,627.96
PW	20070661	Venetian Bridge Design	$0.00	$500,000.00	$3,089,627.96
		Total Allocated:	$6,000,000.00	$6,000,000.00	

VENETIAN BRIDGE REHABILITATION **PROJECT # 605860**

DESCRIPTION: Remove existing concrete, add new reinforcing concrete for over 400 support beams, repair decks, clean, and paint all 12 bridges

LOCATION: Venetian Causeway
Miami Beach

DISTRICT LOCATED: 3 , 4

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

DISTRICT(s) SERVED: Countywide

REVENUE SCHEDULE:	PRIOR	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	FUTURE	TOTAL
Causeway Toll Revenue	2,000	1,000	0	0	0	0	0	0	3,000
Sunshine State Financing	0	2,500	0	0	0	0	0	0	2,500
FDOT-County Incentive Grant Program	5,500	0	0	0	0	0	0	0	5,500
TOTAL REVENUE:	**7,500**	**3,500**	**0**	**0**	**0**	**0**	**0**	**0**	**11,000**

EXPENDITURE SCHEDULE:	PRIOR	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	FUTURE	TOTAL
Construction	4,000	7,000	0	0	0	0	0	0	11,000
TOTAL EXPENDITURES:	**4,000**	**7,000**	**0**	**0**	**0**	**0**	**0**	**0**	**11,000**

VENETIAN CAUSEWAY STREETSCAPE **PROJECT # 609470**

DESCRIPTION: Construct road, sidewalk, and landscape improvements along the Venetian Causeway

LOCATION: Venetian Causeway
City of Miami

DISTRICT LOCATED: 3 , 4

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

DISTRICT(s) SERVED: Countywide

REVENUE SCHEDULE:	PRIOR	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	FUTURE	TOTAL
Road Impact Fees	880	0	0	0	0	0	0	0	880
Sunshine State Financing	1,000	0	0	0	0	0	0	0	1,000
TOTAL REVENUE:	**1,880**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,880**

EXPENDITURE SCHEDULE:	PRIOR	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	FUTURE	TOTAL
Planning and Design	880	0	0	0	0	0	0	0	880
Construction	0	1,000	0	0	0	0	0	0	1,000
TOTAL EXPENDITURES:	**880**	**1,000**	**0**	**0**	**0**	**0**	**0**	**0**	**1,880**

BUDGET PROJECT 605860

Project Title: 605860-VENETIAN BRIDGE REHABILITATION

Project Desc: Remove existing concrete, add new reinforcing concrete over 400 support beams, repair decks, clean and paint all 12 bridges

Project($$ in 000's)	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
Expenditures	4,000,000	7,000,000	0	0	0	0	0	0	11,000,000
Revenue	7,500,000	3,500,000	0	0	0	0	0	0	11,000,000

Project Type: Capital Update Type

CDPWeb Project Milestones ($ IN 000'S)

Milestone:	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
Construction	4,000,000	7,000,000	0	0	0	0	0	0	11,000,000

CDPWeb Project Revenue ($ IN 000'S)

Revenue:	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
Causeway Toll Revenue	2,000,000	1,000,000	0	0	0	0	0	0	3,000,000
Sunshine State Financ	0	2,500,000	0	0	0	0	0	0	2,500,000
FDOT-County Incentive	5,500,000	0	0	0	0	0	0	0	5,500,000

CIIS Site Funding Info

SITE / Location:	Prior:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	FUTURE:	Total:
75312-Venetian Bridges	7,500,000	3,500,000	0	0	0	0	0	0	11,000,000

Add GEO Coded Site PROJECT SITES

EXIT

Current Contracts for Project 605860

Dept	ContractNo	Contract Name	RTA Budget Allocation	Award Budget Allocation	CIIS Award
PW	20070661	Venetian Bridge Design	$398,590.76	$0.00	$3,089,627.96
PW	20070661	Venetian Bridge Design	$0.00	$398,590.76	$3,089,627.96
PW	20070776	Venetian Bridges Rehabilitation Contract	$0.00	$8,200,000.00	$4,271,626.10
PW	20070776	Venetian Bridges Rehabilitation Contract	$0.00	$1,975,000.00	$4,271,626.10
PW	20070776	Venetian Bridges Rehabilitation Contract	$0.00	$4,748,788.70	$4,271,626.10
PW	20070776	Venetian Bridges Rehabilitation Contract	$8,200,000.00	$0.00	$4,271,626.10
PW	20070776	Venetian Bridges Rehabilitation Contract	$1,975,000.00	$0.00	$4,271,626.10
PW	20070776	Venetian Bridges Rehabilitation Contract	$4,748,788.70	$0.00	$4,271,626.10
		Total Allocated:	$15,322,379.46	$15,322,379.46	

Firm	Date of Violation	Project #	Department	Ord.	Amount Identified	Amount Recovered	Amount Makeup	Reason	Status
	3/28/2003	MIA-741-R-6 (WS9.1)	AV-AA	97-52				Modification to terms /prices of payment to CSBE without DBD approval	Closed 9/6/2006
TJ PAVEMENT CORP.									
	11/1/2002	630239Q	PW-Q	QNIBP				Failure to achieve QNIP Workforce requirements	Closed 9/6/2006
TRANSAMERICA CONSTRUCTION COMPANY									
	8/13/2007	POSW0700112 06N017	SW	97-52			$89,116.20	Deviation from the Schedule of Intent	Open
TRI-CITY ELECTRIC CO., INC.									
	8/1/2005	CM01-SEA-01	SP	90-143	$5,403.52	$5,403.52		Underpayment of Employee	Closed 3/7/2006
TROMPEX CORPORATION									
	3/14/2007	1298-2/04	PR	99-44				Failed to submit Payrolls	Closed 3/28/2007
TROPEX CONSTRUCTION SERVICES, INC.									
	3/23/2006	POGS0502693	GS	97-52				Failure to promptly review billings and pay CSBE within 2 business days of receipt of payment from County.	Closed 5/22/2006
TURNER/AUSTIN AIRPORT TEAM									
	4/13/2004	MIA-776-B-7	AV-AA	97-52				Deviation from the Schedule of Intent	Closed 9/6/2006
	4/23/2004	MIA-745B WS 3.1	AV-AA	97-52				Deviation from the Schedule of Intent	Closed 9/6/2006
	5/25/2005	MIA-745E WS-15.1	AV-AA	90-143				Failed to submit Payrolls	Closed 9/6/2006
U.S. SECURITY ASSOCIATES, INC.									
	7/5/2007	PERMITEE-PC-002808	AV	99-44	$16,666.99	$16,666.99		Underpayment of Employee	Closed 8/22/2007
UNITECH BUILDERS CORP									
	10/25/2006	AD0094	GS	03-1				Failure to obtain DBD approval of workforce plan by 25% proj. completion.	Open
	6/22/2007	AD0094	GS	03-1				Attempting to comply with the CWP requirements through fraud and/or misrepresentation	Open
UNITED ENGINEERING CORPORATION									
	2/18/2003	629014	DE	97-52				Failure to submit Monthly Utilization Report	Closed 9/6/2006
UNO HANDLING CORPORATION									

MIAMI-DADE COUNTY
DEPARTMENT OF SMALL BUSINESS DEVELOPMENT
GOAL DEFICIT MAKE-UP REPORT as of: November 21, 2008

FIRM NAME	DATE OF VIOLATION	PROJECT NUMBER	DEPT	PROGRAM	MAKE-UP AMOUNT	APPROVED PLANS		MAKE-UP BALANCE
						Amount	Dept	
Adventure Environmental, Inc.	9/11/2007	CCDR5	Derm	CSBE	72,841.44	-		72,841.44
	9/11/2007	CCDR1	Derm	CSBE	68,829.24	-		68,829.24
	9/11/2007	CCDR3	Derm	CSBE	56,913.06	-		56,913.06
American Earth Movers, Inc.	11/16/2007	CCDR2	Derm	CSBE	337,836.00	129,908.61	Parks/ PWD	207,927.39
Buade Construction Company	12/21/2000	98016	Parks	CSBE	7,000.00	-		7,000.00
Budget Construction, Co	6/22/2007	40070103006	Parks	CSBE	823,316.00	-		823,316.00
	6/18/2008	400701-05-004	Parks	CSBE	170,575.40	-		170,575.40
DACA Environmental, Inc.	2/17/2003	W-799R	WASD	CSBE	171,283.66	-		171,283.66
Dato Electric, Inc.	10/31/2006	MIA-737H	MDAD	CSBE	996,145.00	-		996,145.00
Development & Communication Group of Florida, Inc.	4/6/2005	POSW0400740, RPQ #04T002	SWM	CSBE	24,622.55	-		24,622.55
	12/20/2006	POWS0607759 T0708	WASD	CSBE	600,000.00	-		600,000.00
Environmental Science Associates Corporation	3/9/2007	E02-MDAD-01, E (HO8	MDAD	CBE	6,129.46	-		6,129.46
F C E Engineers, Inc.	1/31/2002	630121Q	PWD	CSBE	281,748.52	-		281,748.52
	1/31/2002	662460	PWD	CSBE	455,423.32	-		455,423.32
	1/31/2002	671703	PWD	CSBE	99,950.01	-		99,950.01
	1/31/2002	693136Q	PWD	CSBE	113,785.07	-		113,785.07
	1/31/2002	693203Q	PWD	CSBE	360,538.68	-		360,538.68
	1/31/2002	662257	PWD	CSBE	135,930.77	-		135,930.77
M. Villa & Associates, Inc.	8/10/2001	CDQNIP 1	CED	CSBE	203,912.67	-		203,912.67
Metro Express, Inc.	1/4/2006	630022	PWD	CSBE	78,760.05			78,760.05
Petro Hydro, Inc.	6/30/2006	20030180	PWD	CSBE	293,656.57	-		293,656.57
	2/6/2007	20030009	PWD	CSBE	264,000.00	-		264,000.00
	4/10/2007	20050291	PWD	CSBE	320,248.48	-		320,248.48
Pino Kaoba & Associates, Inc.	8/23/2007	MDFRD-DB-09 DB04-F	FIRE	CSBE	314,039.70	-		314,039.70
	8/23/2007	DB04-FIRE-02/MDFR	FIRE	CSBE	349,267.00	-		349,267.00
	8/23/2007	MDFRD-DB-11 DB04-F	FIRE	CSBE	498,769.80	-		498,769.80
Raydan Electric, Inc.	1/26/2007	20030015	PWD	CSBE	16,632.00	-		16,632.00

MIAMI-DADE COUNTY
DEPARTMENT OF SMALL BUSINESS DEVELOPMENT
GOAL DEFICIT MAKE-UP REPORT as of: November 21, 2008

FIRM NAME	DATE OF VIOLATION	PROJECT NUMBER	DEPT	PROGRAM	MAKE-UP AMOUNT	APPROVED PLANS		MAKE-UP BALANCE
						Amount	Dept	
Transamerica Construction Company	8/13/2007	POSW0700112 06N01	SWM	CSBE	89,116.20	-		89,116.20
Weekley Asphalt Paving, Inc.	7/16/2002	671908	PWD	CSBE	40,015.76	-		40,015.76
	7/5/2005	629904-1Q	PWD	CSBE	49,992.12	-		49,992.12
TOTAL					***$ 7,301,278.53***	***$ 129,908.61***		***$ 7,176,510.70***

FOR QUESTIONS REGARDING THIS REPORT, PLEASE CONTACT ALICE HIDALGO - GATO OR ALECIA ANDERSON AT (305) 375-3111.

MIAMI-DADE COUNTY

DEBARRED CONTRACTORS LIST
(MONTHLY REPORT)
Report Period: November 2008

Name	Position	Company Name	Address	Initiating Dept. and Contact Person	Cause of Debarment	Effect of Debarment	Termination Date	Compliance/ Settlement Agreement
Craig Heard	President	HEARD Communications, Inc. D/B/A Gateway Outdoor Advertising	31 Route 46 Hackettstown, NJ 07840-2623	Miami-Dade Transit Authority	Violation of Section 10-38 (h)(2)(iii) of the Miami-Dade County Code	Excluded from Contracting w/ Miami-Dade County	12/282005 - 12/27/2010	No
Kenneth Guldner	Vice President/VFAS	HEARD Communications, Inc. D/B/A Gateway Outdoor Advertising	31 Route 46 Hackettstown, NJ 07840-2623	Miami-Dade Transit Authority	Violation of Section 10-38 (h)(2)(iii) of the Miami-Dade County Code	Excluded from Contracting w/ Miami-Dade County	12/282005 - 12/27/2010	No
HEARD Communications , Inc. D/B/A Gateway Outdoor Advertising	HEARD Communications, Inc. D/B/A Gateway Outdoor Advertising	HEARD Communications, Inc. D/B/A Gateway Outdoor Advertising	31 Route 46 Hackettstown, NJ 07840-2623	Miami-Dade Transit Authority	Violation of Section 10-38 (h)(2)(iii) of the Miami-Dade County Code	Excluded from Contracting w/ Miami-Dade County	12/282005 - 12/27/2010	No
Pedro Penton	Officer/Owner	International Systems and Electronic Corporation, Inc. (ISE)	8899 N.W. 18th Terrace, Mia, Florida	Miami-Dade County Aviation Department	Violation of Section 10-38 (h)(2)(iii) of the Miami-Dade County Code	Excluded from Contracting w/ Miami-Dade County or Lessee, Tenant or Persons Conducting Business Within the Airport Boundaries of Mia Int'l Airport for Ten (10) Years	11/22/2002- 11/21/2012	Yes
Moody Maintenance Products, Inc.	Moody Maintenance Products, Inc.	Moody Maintenance Products, Inc.	6554 NW 13th Ct, Plantation, Florida	Miami-Dade County, Finance Department	Violation of Section 10-38	Excluded from Contracting w/ Miami-Dade County	12/19/2006- 12/18/2011	Yes
Winship B. Moody	Officer/Owner/ President	Moody Maintenance Products, Inc.	6554 NW 13th Ct, Plantation, Florida	Miami-Dade County, Finance Department	Violation of Section 10-38	Excluded from Contracting w/ Miami-Dade County	12/19/2006- 12/18/2011	Yes
Suzanne M. Moody	Vice President & Secretary	Moody Maintenance Products, Inc.	6554 NW 13th Ct, Plantation, Florida	Miami-Dade County, Finance Department	Violation of Section 10-38	Excluded from Contracting w/ Miami-Dade County	12/19/2006- 12/18/2011	Yes
All Pest Control Service, Inc.	All Pest Control Service, Inc.	All Pest Control Service, Inc.	6854 W. Flagler St. Miami, Florida 33144	Miami-Dade County DPM	Violation of Section 10-38	Excluded from Contracting w/ Miami-Dade County	05/15/2007 - 05/14/2012	Yes

MIAMI-DADE COUNTY

DEBARRED CONTRACTORS LIST
(MONTHLY REPORT)
Report Period: November 2008

Gilberto Alonso	President/Owner	All Pest Control Service, Inc.	6854 W. Flagler St. Miami, Florida 33144	Miami-Dade County DPM	Violation of Section 10-38	Excluded from Contracting w/ Miami-Dade County	05/15/2007 - 05/14/2012	Yes
Sonia Condo Alonso	Officer/Owner	All Pest Control Service, Inc.	6854 W. Flagler St. Miami, Florida 33144	Miami-Dade County DPM	Violation of Section 10-38	Excluded from Contracting w/ Miami-Dade County	05/15/2007 - 05/14/2012	Yes
Worldwide Industries, Inc	Worldwide Industries, Inc.	Worldwide Industries, Inc.	3653 Cagney Drive Tallahassee, Fl 32309	Miami-Dade County DPM	Violation of Section 10-38	Excluded from Contracting w/ Miami-Dade County	02/01/2008 - 02/02/2013	Yes
Gloria Jones	President	Worldwide Industries, Inc.	3653 Cagney Drive Tallahassee, Fl 32309	Miami-Dade County DPM	Violation of Section 10-38	Excluded from Contracting w/ Miami-Dade County	02/01/2008 - 02/02/2013	Yes
Laraync Whitehead	Vice-President	Worldwide Industries, Inc.	3653 Cagney Drive Tallahassee, Fl 32309	Miami-Dade County DPM	Violation of Section 10-38	Excluded from Contracting w/ Miami-Dade County	02/01/2008 - 02/02/2013	Yes

Detail by Entity Name

Florida Profit Corporation

TRIANGLE ASSOCIATES, INC.

Filing Information

Document Number	P96000039551
FEI Number	650671382
Date Filed	05/08/1996
State	FL
Status	ACTIVE

Principal Address

14100 PALMETTO FRONTAGE ROAD
STE 390
MIAMI LAKES FL 33016

Changed 01/18/2007

Mailing Address

14100 PALMETTO FRONTAGE ROAD
STE 390
MIAMI LAKES FL 33016

Changed 01/18/2007

Registered Agent Name & Address

QUINTANA, OSIRIS
5910 DEVON LANE
DAVIE FL 33331 US

Address Changed: 04/05/2005

Officer/Director Detail

Name & Address

Title P

QUINTANA, OSIRIS
5910 DEVON LANE
FORT LAUDERDALE FL 33331

Title S

25

LAFE, ONIX D
16041 S.W. 61 COURT
FORT LAUDERDALE FL

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2007	01/18/2007
2008	02/07/2008

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No Events **No Name History**

Entity Name

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DBD
DEPARTMENT OF
BUSINESS DEVELOPMENT

MIAMI DADE COUNTY
A&E Firm History Report
From: 01/21/2004 **To:** 01/21/2009

FIRM NAME: TRIANGLE ASSOCIATES, INC.
14100 Palmetto Frontage Rd, Suite 390
Miami Lakes, FL 33016-0000

PRIMES

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT
EDP-AV-0211-620405 EXTERIOR REPAIRS & PAINT TO BUILDINGS 707, 708	1	AV	NO MEASURE	10/15/2004	$113,502.00
					$113,502.00
EDP-PW-SR-20040439 VENETIAN EAST TENDER HOUSE ANALYSIS & DESIGN	1	PW	NO MEASURE	04/20/2005	$456,104.90
					$456,104.90
EDP-DE-693945 SW 139TH AVENUE DRAINAGE IMPROVEMENT PROJECT	1	DE	NO MEASURE	09/12/2005	$150,000.00
					$150,000.00
EDP-AV-0211-620405-2 EXTERIOR RPAIRS & PAINT TO BLDGS. 707, 708	1	AV	NO MEASURE	10/17/2005	$19,600.00
					$19,600.00
EDP-PW-C-GOB-SB4 SONOVOID BRIDGE REPAIRS	1	PW	NO MEASURE	01/13/2006	$0.00
					$0.00

* Indicates closed or expired contracts

DBD
DEPARTMENT OF
BUSINESS DEVELOPMENT

MIAMI DADE COUNTY
A&E Firm History Report
From: 01/21/2004 **To:** 01/21/2009

FIRM NAME: TRIANGLE ASSOCIATES, INC.
14100 Palmetto Frontage Rd, Suite 390
Miami Lakes, FL 33016-0000

PRIMES

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT
E05-OCI-02 C	4	CQ	NO MEASURE	06/14/2006	$825,000.00
NOTICE OF CONSULTANT SERVICES FOR CONSTRUCTION INSPECTION SERVICES (FIVE (5) AGREEMENTS @ $750,000.00 EACH) (SIC 871)					
					$825,000.00
EDP-AV-0211-620405-3	1	AV	NO MEASURE	11/06/2006	$13,804.00
EXTERIOR REPAIRS & PAINT TO BLDGS 707, 708					
					$13,804.00
EDP-PW-SR-20050334	1	PW	NO MEASURE	02/27/2007	$81,000.00
NW 17 AVE & TAMIAMI SWING BRIDGES SPECIAL PERMITS					
					$81,000.00
EDP-PW-SR-20070776	1	PW	NO MEASURE	09/24/2008	$62,098.00
VENETIAN CAUSEWAY BRIDGE REHABILITATION					
					$62,098.00

Total Award Amount	**$1,721,108.90**
Total Change Orders Approved by BCC	**$0.00**

* Indicates closed or expired contracts

Find Contracts With Search String ==> | Projects | Goto Bottom

Exit

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CAPITAL IMPROVEMENTS INFORMATION SYSTEM
Wednesday, January 21, 2009

All Contracts for FEIN 650671382
Triangle Associates, Inc.; EAC Consulting, Inc.

DST	DPT	Type	Contract	Name	Location / Contractor	Estimated Completion Date	Total Award	Last Status Date	% Complete / Status *
30	PW	PSA	20070661	Venetian Bridge Design	Triangle Associates, Inc.	N/A	$3,089,628		0% / N/A
30	CQ	PSA	E05-OCI-02, C-4	Consultant Services for Construction Inspection Serv	Triangle Associates, Inc.	6/13/2009	$750,000		0% / N/A
0	HD	PSA	E99-MDHA-01, R1	Miscellaneous Engineering Professional Services Agre	Triangle Associates, Inc.	N/A	$500,000	2/13/2007	100% / Closed
0	AV	EDP	EDP-AV-0211-620405	EXTERIOR REPAIRS & PAINT TO BUILDINGS 707, 708	TRIANGLE ASSOCIATES, INC.	10/15/2004	$146,450	3/6/2008	0% / On Schedule
0	AV	EDP	EDP-AV-0211-620405-2	EXTERIOR RPAIRS & PAINT TO BLDGS. 707, 708	TRIANGLE ASSOCIATES, INC.	10/17/2005	$20,000	3/6/2008	0% / On Schedule
0	AV	EDP	EDP-AV-0211-620405-3	EXTERIOR REPAIRS & PAINT TO BLDGS 707, 708	TRIANGLE ASSOCIATES, INC.	11/6/2006	$15,000	3/6/2008	0% / On Schedule
0	DE	EDP	EDP-DE-693945	SW 139TH AVENUE DRAINAGE IMPROVEMENT PROJECT	TRIANGLE ASSOCIATES, INC.	9/12/2005	$150,000		0% / On Schedule
0	PW	EDP	EDP-PW-C-GOB-SB4	SONOVOID BRIDGE REPAIRS	TRIANGLE ASSOCIATES, INC.	N/A	$0	9/14/2006	0% / Cancelled
0	PW	EDP	EDP-PW-GOB-SB4	SONOVOID BRIDGE REPAIRS	TRIANGLE ASSOCIATES, INC.	N/A	$0		0% / N/A
0	PW	EDP	EDP-PW-SR-20040439	VENETIAN EAST TENDER HOUSE ANALYSIS & DESIGN	TRIANGLE ASSOCIATES, INC.	4/20/2005	$100,000		0% / On Schedule
0	PW	EDP	EDP-PW-SR-20050334	NW 17 AVE & TAMIAMI SWING BRIDGES SPECIAL PERMITS	TRIANGLE ASSOCIATES, INC.	2/27/2007	$81,000		0% / On Schedule
					Totals:	11	$4,852,078		

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

Contracts Status View | Exit | Projects | Goto Top

Exit

Capital Improvements Information System

Contractor Evaluations Report

Dept	Contract	Type	Contractor / Architect Name	Date	Rater	Period	Rate
AV	EDP-AV-0211-620405	EDP	Triangle Associates, Inc.	2/26/2008	Alejandro Montalvo	Project conclusion or closeout	2.9
AV	EDP-AV-0211-620405-2	EDP	Triangle Associates, Inc.	2/26/2008	Alejandro Montalvo	Project conclusion or closeout	2.9
AV	EDP-AV-0211-620405	EDP	Triangle Associates, Inc.; EAC Consulting, Inc.	2/26/2008	Alejandro Montalvo	Project conclusion or closeout	2.9
AV	EDP-AV-0211-620405-2	EDP	Triangle Associates, Inc.; EAC Consulting, Inc.	2/26/2008	Alejandro Montalvo	Project conclusion or closeout	2.9

Evaluation Count: 4 Contractors: 1 Average Evaluation: 2.9

Exit

NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT

VENETIAN CAUSEWAY BRIDGE REPLACEMENT
OCI PROJECT No. E07-PW-02

THIS NON-EXCULSIVE AGREEMENT is entered into this ____ day of _____, 20____, by and between Miami-Dade County, a political subdivision of the State of Florida, hereinafter referred to as the "COUNTY", and Triangle Associates, Inc., hereinafter referred to as the "ENGINEER".

W I T N E S S E T H:

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 prescribed herein in connection with design of the Venetian Causeway Bridge Replacement.

PROFESSIONAL SERVICES AGREEMENT

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APPENDIX

EXHIBIT "A" SCOPE OF SERVICES

AFFIDAVITS

ARCHITECTURE & ENGINEERING UTILIZATION REPORT

SECTION I - COUNTY OBLIGATIONS

The Director of the Public Works Department, hereinafter referred to as the "Director", shall issue written authorization to proceed to the ENGINEER for each section of the work to be performed thereunder. In case of emergency, the COUNTY reserves the right to issue oral authorization to the ENGINEER with the understanding that written confirmation shall follow immediately thereafter.

The COUNTY agrees that its Public Works Department shall furnish to the ENGINEER any plans and 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 Director reserves the right to guarantee the accuracy of information provided by the COUNTY to the ENGINEER. When such guarantee is provided in writing, the ENGINEER shall not be compensated for independent verification of said information.

The COUNTY agrees to provide the following material, data, or services as required in connection with the work to be performed under the terms of this Agreement:

1. COUNTY standard construction details applicable to the project.

2. All standard sections of the contract documents and compilation of the final bidding documents.

3. Administration of bidding procedures including advertisement for bids and recommendations of award of the construction contract in cooperation with the ENGINEER.

4. Administration of construction except as otherwise provided herein.

SECTION II - PROFESSIONAL SERVICES

The ENGINEER agrees to perform professional services in connection with the project as indicated in the following (refer to Exhibit "A" for Scope of Services):

A. Part A

Upon receipt of written authorization from the Director to proceed with Part A of the project, the ENGINEER shall visit the site of the proposed work and become thoroughly familiar with all conditions and Federal, State and Local laws, Development and Environmental issues affecting the work; prepare and submit to the COUNTY a Bridge Development Report (BDR); arrange for and obtain all field surveying, aerial photography, soil survey investigations; perform such other services as are mutually agreed to be necessary or desirable to advance the project; assist the COUNTY in obtaining approval of preliminary design work from any local, state or federal agency having an interest

in the project; and prepare for and conduct a Public Meeting to inform residents and neighborhood organizations of proposed construction. To accomplish the work described under this phase, the ENGINEER shall observe the following requirements:

1. Strive to complete the work on the project within the time allowed by maintaining adequate staff of qualified personnel on the work at all times.
2. Comply with all Federal, State, and local laws or ordinances applicable to the work.
3. Cooperate fully with the COUNTY in the proper coordination and scheduling of all phases of the work.
4. Cooperate fully with the COUNTY to inform all utility owners with facilities in the vicinity of the proposed work and provide information relative to any required utility adjustments or relocations. The ENGINEER will assist the COUNTY in conducting a utility coordination meeting with utility owners to resolve all utility conflicts and other utility issues. The ENGINEER shall provide two sets of prints for each utility company prior to the meeting. The ENGINEER shall be responsible for preparation and distribution of meeting minutes. The ENGINEER shall provide adequate design and coordination to accommodate utilities in order to avoid claims and delays during construction.

5. Report the status of the project to Director upon request and hold all drawings, calculations and related work open to the inspection of the Director or his authorized agent at any time.

B. Part B

Upon receipt of written authorization from the Director to proceed with the project; the ENGINEER shall prepare final complete construction plans for the project in accordance with current County standards, to be used for the receipt of bids, which shall include, but not limited to, development of all necessary plans, profiles and construction details. To accomplish the work described under this phase, the ENGINEER shall observe the Following:

1. Strive to complete the work on the project within the time allowed by maintaining adequate staff of qualified personnel at all times.
2. Comply with all Federal, State and local laws and ordinances applicable to bridge design.
3. Prepare necessary sketches to accompany COUNTY applications for any required County, State or Federal agency permits.
4. Cooperate fully with the COUNTY in the proper coordination and scheduling of all phases of the work.

5. Prior to final approval by the Director, complete a preliminary check of construction plans through any County, City, State, or Federal agency from which a permit or other approval is required.
6. Report the status of the project to the Director upon request and hold all drawings, calculations and related work open to the inspection of the Director or his authorized agent at any time.
7. Submit to the Director five (5) sets of check prints for the project at the 60%, 90% and 100% completion milestones. Upon approval of 100% plans, furnish the COUNTY with two (2) signed and sealed full size, 22"x 34" bound sets of prints of the final construction plans, two (2) signed and sealed ½ size, 11"x17" bound sets of prints of the final construction plans, original Mylar tracings on approved, 22"x34" and 11"x17" Mylar stock (4 mils thick with signed Cover Sheet), Auto CAD electronic files in a format approved by the COUNTY, drainage report, and all computation books. The quality and legibility of all prints shall meet the approval of the Director.
8. Prepare and submit to the COUNTY an opinion of probable construction cost, at the 60%, 90% and 100% completion milestones, of the proposed project design.

9. The ENGINEER agrees that the quality of the work performed by the ENGINEER and by all subcontractors shall be in accordance with the standards customarily provided by an experienced and competent professional engineering organization rendering the same or similar services, and agrees to guarantee compliance of the work with all applicable industry standards and regulations.

10. The ENGINEER agrees to provide upon request, a certified payroll of employees performing work under this Agreement, as reported to the IRS.

11. The ENGINEER agrees to provide employees performing work under this Agreement with health care benefits.

C. Post Design Services

The ENGINEER agrees to provide post design services during Construction of the project; the exact scope to be determined by the COUNTY.

SECTION III - TIME FOR COMPLETION

The ENGINEER agrees to complete the services to be rendered pursuant to this Agreement as indicated in the following:

A. Part A

The services to be rendered by the ENGINEER under Part A of the project shall commence upon receipt of a written Notice to proceed from the Director, and shall be completed within 12 months. A reasonable extension of

time shall be granted in the event there is a delay on the part of the COUNTY in fulfilling its part of the Agreement or should a Force Majeure, as defined herein, render performance of the ENGINEER's duties impossible. Such extensions of time shall not be cause for any claim by the ENGINEER for extra compensation.

B. Part B

The services to be rendered by the ENGINEER under Part B of the project shall commence upon receipt of a written Notice to proceed from the Director, and shall be completed within 24 months. A reasonable extension of time shall be granted in the event there is a delay on the part of the COUNTY in fulfilling its part of the Agreement or should a Force Majeure, as defined herein, render performance of the ENGINEER's duties impossible. Such extensions of time shall not be cause for any claim by the ENGINEER for extra compensation.

C. Post Design Services

The services to be rendered by the ENGINEER under the Post Design of the project shall begin at the time the construction contract is awarded and shall be considered completed upon final acceptance of the construction by the COUNTY. Compensation shall be for only those services requested by the Director or his designee, and is not guaranteed.

SECTION IV - FORCE MAJEURE

Force Mejeure shall mean an act of God, epidemic, lightning, earthquake, fire, explosion, hurricane, flood or similar occurrence, strike , an act of public enemy, or blockade, insurrection, riot, general arrest or restraint of government and people, civil disturbance or similar occurrence, which has had or may reasonably be expected to have a material adverse effect on the rights and obligations under this Agreement, and which, by the exercise of due diligence, such parties shall not have been able to avoid. Such acts or events DO NOT INCLUDE inclement weather (except as noted above) or the acts or omissions of subconsultants/subcontractors, third-party consultants/contractors material men, suppliers, or their subcontractors, unless such acts or omissions are otherwise encompassed by the definition set forth above.

No party hereto shall be liable for its failure to carry out its obligations under the Agreement during a period when such party is rendered unable, in whole or in part, by Force Majeure to carry out such obligations, but the obligation of the party or parties relying on such Force Mejeure shall be suspended only during the continuance of any inability so caused and for no longer period of said unexpected or uncontrollable event, and such cause shall, so far as possible, be remedied with all reasonable dispatch.

It is further agreed and stipulated that the right of any party hereto to excuse its failure to perform by reason of Force Majeure

shall be conditioned upon such party giving, to the other party or parties, written notice of its assertion that a Force Majeure delay has commenced within ten (10) working days after such commencement, unless there exists good cause for failure to give such notice, in which event, failure to give such notice shall not prejudice any party's right to justify any non-performance as caused by Force Mejeure unless the failure to give timely notice causes material prejudice to the other party or parties.

SECTION V - COMPENSATION

The COUNTY agrees to pay and the ENGINEER agrees to accept, for services rendered pursuant to this Agreement, fees and other compensation as stipulated by the following:

A. Professional Services Fee

1. Part A

For service rendered pursuant to Part A in accordance with the terms and conditions of this Agreement, the ENGINEER shall receive the following fee:

For the preparation of a Bridge Development Report (BDR) and Public-Meetings, the lump sum fee of **$513,811.61**.

2. Part B

For services rendered pursuant to Part B, in accordance with the terms and conditions of this

Agreement, the ENGINEER shall receive the following fee:

For complete design and preparation of construction plans, and all incidental work thereto as necessary for construction of all project elements, the lump sum fee of **$1,424,976.94**.

3. Post Design Services

In accordance with the terms and conditions of this Agreement, the COUNTY shall compensate the ENGINEER for providing post design services during construction of the project. The fee for this work shall not exceed **$21,132.45**. Compensation shall be for only those services requested by the Director or his designee, and is not guaranteed.

4. Total Fee

The total of all regular fee payments to the ENGINEER under this Agreement shall be **$1,959,921.00**, the sum of A1, A2 and A3 above, providing that no additional work, as defined by Section VI of this Agreement, is requested or authorized by the Director.

B. Compensation for Other Services

The COUNTY shall compensate other services or goods provided by the ENGINEER and others working in conjunction with the ENGINEER as stipulated by the following:

1. Printing and Reproduction

The COUNTY shall reimburse the ENGINEER for the cost of printing project plan sheets required for utility coordination and other required submittals. The total cost to the COUNTY for this reproduction service shall be **$90,792.00**.

2. Public Involvement Plan

The COUNTY shall compensate the ENGINEER for the preparation and implementation of a Public Involvement Plan (PIP). The fee for this work shall not exceed **$100,000.00**.

3. Land and Engineering Field Survey

The COUNTY shall make direct payment to the ENGINEER for the land and engineering field survey work required in connection with the project. The cost of all required land and engineering field survey for the project shall be **$106,953.45**.

4. Aerial Photography

The COUNTY shall make direct payment to the ENGINEER for the aerial photographs necessary for project design and construction plans preparation. The cost of all required aerial photography for the project shall be **$15,210.00**.

5. Soil Survey

The COUNTY shall make direct payment to the Engineer for soil survey work requested and approved by the ENGINEER as mutually agreed with the COUNTY to be necessary for design of the project. All required soil survey work for the project shall not exceed **$548,895.00**.

6. Financial Planning and Funding Strategies

The COUNTY shall compensate the ENGINEER for providing Financial Planning and Funding Strategies necessary for project construction. The fee for this work shall not exceed **$98,850.00**.

7. Historic Resources Information and Evaluation Report

The COUNTY shall compensate the ENGINEER for obtaining documentation regarding historical designation and coordination necessary in the preparation of an evaluation report for agency review and approval. The fee for this work shall not exceed **$169,006.51**.

C. Total Compensation

The total of all costs associated with accomplishing the work under the terms of this Agreement shall be **$3,089,627.96**, the sum of fees set forth in A and B above, providing that no additional work, as defined by Section

VI of this Agreement, is requested or authorized by the Director.

SECTION VI - ADDITIONAL WORK

The COUNTY agrees to pay, and the ENGINEER agrees to accept, for additional work performed under the terms of this Agreement, fees in accordance with the following:

A. Additional Work

In the event changes are requested by the COUNTY to the construction documents after said documents have been approved and accepted by the COUNTY, additional Post Design services are required, or contingencies necessitate the performance of other additional work by the ENGINEER, and a Notice to Proceed authorizing additional work is issued by the Director, fees and other compensation for such services shall be computed in accordance with one or a combination of the methods outlined below.

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

The fee for engineering services rendered by the ENGINEER's personnel, principals excluded, shall be computed based on the direct salary cost, as reported to the Internal Revenue Services, for the time of said personnel engaged directly in the work, times negotiated multipliers of 2.85 for office personnel

and 2.10 for field personnel. This fee shall constitute full compensation to the ENGINEER for costs incurred in the performance of the work such overhead, fringe benefits, operating margin and all other costs not covered by reimbursable expenses.

2. Fees Based on Fixed Hourly Rates

The fee for services rendered by the ENGINEER'S principals shall be computed based on the fixed hourly rate of **$115.00**.

The above listed fixed hourly rate for Principals shall be applied to the time spent on requested work by the following principal of the firm: Osiris Quintana, P.E.

3. Lump Sum Fee

The fee for any requested portion of work may, at the option of the COUNTY, be a lump sum mutually agreed upon by the COUNTY and the ENGINEER and stated in the written Notice to Proceed. Lump sum fees may or may not include reimbursable expenses.

4. Reimbursable Expenses

The ENGINEER shall be compensated for certain work related expenditures not covered by fees for engineering services, provided such expenditures are previously authorized by the Director. Reimbursable expenses may include:

a. Expenses for document reproduction, rental of specialized equipment, and purchase of special instruments necessary for the efficient performance of the work, provided that such instruments remain the property of the COUNTY upon work completion. These expenses shall be reimbursed on a direct cost basis.

b. Expenses for travel, transportation and subsistence outside Miami Dade County will be reimbursed according to the provisions of Florida Statutes Section 112.061, as presently written or hereafter amended.

B. Allowance Account

The total of all fee payments to the ENGINEER for additional work shall be as allowed under the Allowances/Contingency Ordinance No. 00-65. The project is a Professional Services Agreement for the design of a facility on public property; therefore an estimated Allowance Account of **$308,962.80** is permissible, per Miami-Dade Code Section 2-8.1. This Allowance Account will be used by the COUNTY for unforeseen conditions necessitating additional design, resulting in additions to the basic fee.

SECTION VII - TOTAL PROJECT COST

The total Project Cost set forth in Section V and Section VI above, under the terms of this Agreement, shall be **$3,398,590.76**.

SECTION VIII - METHODS OF PAYMENT

The COUNTY agrees to make monthly or partial payments to the ENGINEER for all authorized work performed during the previous calendar month or other mutually agreed invoicing period. The ENGINEER agrees to provide copies of any records necessary to substantiate payment requests to the COUNTY. Payments shall be made in accordance with the following methods:

A. Part A

1. The ENGINEER shall submit duly certified invoices in triplicate to the Director.
2. The amount of the invoices submitted shall be the prorated amount due for all work performed to date under this phase, determined by applying the percentage of the work completed, as certified by the ENGINEER, to the total lump sum fee for this phase of the work. Invoiced reimbursable expenses must be substantiated by copies of receipts and other documentation as necessary.
3. The amount of the partial payment due for the work performed to date under this phase shall be an amount calculated in accordance with Paragraph 2 above, less

five per cent (5%) of the amount thus determined, which shall be withheld by the COUNTY as retainage, less previous payments, and less Inspector General to date.

4. The retained amount shall be paid in full to the ENGINEER upon issuance of work order by the Director for the Part B work, but under no circumstances shall this amount be retained longer than four months after the date of final acceptance of the Part A work by the Director.

B. Part B

1. The ENGINEER shall submit duly certified invoices in triplicate to the Director.

2. The amount of the invoices submitted shall be the prorated amount due for all work performed to date under this phase, determined by applying the percentage of the work completed, as certified by the ENGINEER, to the total lump sum fee for this phase of the work. Invoiced reimbursable expenses must be substantiated by copies of receipts and other documentation as necessary.

3. The amount of the partial payment due for the work performed to date under this phase shall be an amount calculated in accordance with Paragraph 2 above, less five per cent (5%) of the amount thus determined,

which shall be withheld by the COUNTY as retainage, less previous payments, and less Inspector General to date.

4. The retained amount shall be paid in full to the ENGINEER upon issuance of a work order by the Director for Post Design Services, but under no circumstance shall this amount be retained longer than four months after the date of final acceptance of the Part B work by the Director.

C. Post Design Services

1. The ENGINEER shall submit duly certified invoices in triplicate to the Director. Each invoice shall be referenced to the particular Notice to Proceed for Post Design Services.

2. The amount of invoices submitted shall be comprised of the amounts due for all services performed monthly and/or incurred to date in connection with the authorized work, less previous payments. The amounts due shall be calculated in accordance with Subsections VI.A.1. and VI.A.2. Invoiced reimbursable expenses must be substantiated by copies of receipts and other documentation, as necessary.

D. Additional Work

1. Estimated Professional Fees and/or Reimbursable Expenses

a. The ENGINEER shall submit duly certified invoices in triplicate to the Director. Each invoice shall be referenced to the particular Notice to Proceed which authorized the services performed and/or expenses incurred.

b. The amount of invoices submitted shall be comprised of the amounts due for all services performed and/or reimbursable expenses incurred to date in connection with authorized work, less previous payments. The amounts due for professional services and/or reimbursable expenses shall be calculated in accordance with Subsections VI(A)(1) and VI(A)(3) hereof, respectively. Invoiced reimbursable expenses must be substantiated by copies of receipts and other documentation as necessary.

2. Lump Sum Fee

a. The ENGINEER shall submit duly certified invoices in triplicate to the Director. Each invoice shall be referenced to the particular Notice to Proceed which authorized the services performed and/or expenses incurred.

b. The amount due of invoices submitted shall be calculated by applying the percentage of the total work completed to date to the authorized lump sum, and subtracting any previous payments. Invoiced reimbursable expenses must be substantiated by copies of receipts and other documents as necessary.

SECTION IX - 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 reasons of this Agreement, the prosecution and fulfillment of the services thereunder, 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 such determination is clearly arbitrary or unreasonable. Adjustments of compensation and time for completion of services thereunder, due to any major changes in the work, which might become necessary or be deemed desirable as the work progresses, shall be left to the absolute discretion of the Director. In the event the ENGINEER does not concur with the decisions of the Director, the ENGINEER may present any such objections in writing to the County Manager. The Director and the ENGINEER shall abide by the decisions of the County Manager. This

paragraph does not constitute a waiver of any party's right to proceed in a court of competent jurisdiction.

SECTION X - 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 without restrictions or limitations upon their use and shall be made available by the ENGINEER at any time upon request by 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 the 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. Reuse of such data by the COUNTY for any purpose other than that for which prepared shall be at the COUNTY's sole risk. When each individual section of work requested pursuant to this Agreement is complete, all of the above data shall be delivered to the Director.

The COUNTY shall have the right to modify the plans, or reports, or any components thereof without permission from the ENGINEER or without any additional compensation to the ENGINEER. The ENGINEER shall be released from any liability resulting from such modification.

SECTION XI - REUSE OF DOCUMENTS

The ENGINEER may reuse data from other sections of the work included in this Agreement provided irrelevant material is deleted. The Director shall not accept any reused data containing an excess of irrelevant material, which has no connection with the applicable portion of the work.

SECTION XII - CORRECTIONS TO CONTRACT DOCUMENTS

For any services provided under this agreement, the ENGINEER shall prepare, without added compensation, all necessary supplemental documents to correct errors, omissions, and/or ambiguities which may exist in the plans and Contract Documents prepared by the ENGINEER including the documents prepared by its subconsultants. Compliance with this Article shall not be construed

to relieve the ENGINEER from any liability resulting from any such errors, omissions, and/or ambiguities in the plans and Contract Documents and other documents or Services related thereto.

The ENGINEER must adhere to the approved budget, and all changes resulting from design errors and omissions will be catalogued by the Public Works Department and will be shared with the members of selection committees for future projects. In addition, whenever the total cost to the Department for design errors and omissions is deemed excessive, the COUNTY will make claims for reimbursement from the ENGINEER and its insurance company.

SECTION XIII - COURT APPEARANCES AND CONFERENCES

Nothing in this Agreement shall obligate the ENGINEER to prepare for or appear in litigation on behalf of the COUNTY except in consideration of additional compensation. The amount of such compensation shall be mutually agreed upon and embodied in a Supplemental Agreement subject to approval by the Board of County Commissioners. Only upon said approval of a Supplement Agreement, and subsequent receipt of written authorization from the Director, shall the ENGINEER be obligated to Court appearances.

SECTION XIV - 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.

SECTION XV - ABANDONMENT

In the event the COUNTY causes abandonment, cancellation, or suspension of the projects or parts thereof, the ENGINEER shall be compensated for all services rendered consistent with the terms of this Agreement up to the time the ENGINEER receives written notification of such abandonment, cancellation or suspension. This compensation shall be determined on the basis of the percentage of the total services, which have been performed at the time the ENGINEER receives such notice. 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 such sums are due.

SECTION XVI - AUDIT RIGHTS AND IPSIG

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 the 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, (bid/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 coy 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 subconsultants and suppliers, all project-related correspondence, memoranda, instructions, financial documents, construction documents, (bid/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, subconsultants 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; (1) 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.

SECTION XVII - SUBCONTRACTING

The ENGINEER shall not subcontract, assign or transfer any work under this Agreement without the written consent of the Director. When applicable and upon receipt of such consent in writing, 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.

SECTION XVIII - WARRANTY

The ENGINEER warrants that the services furnished to the COUNTY under this Agreement shall conform to the quality expected of and usually provided by the profession in the State of Florida

applicable to the design, inspection and construction of Public Works projects including roadway and bridge structures.

The ENGINEER warrants that no companies or persons, other than bona fide employees working solely for the ENGINEER or the COUNTY authorized subconsultants, have been returned 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 warrants that no COUNTY personnel, whether full-time or part-time employees, have or shall be retained or employed in any capacity, by the ENGINEER or the COUNTY approved subconsultants, to accomplish the work contemplated under the terms of this Agreement. For breach or violation of this warranty, the Director shall have the right to annul this Agreement without liability.

SECTION XIX - TERMINATION OF AGREEMENT AND SANCTIONS FOR CONTRACTUAL VIOLATIONS

It is expressly understood and agreed that the COUNTY may terminate this Agreement, in total or in part, without cause of penalty, by thirty (30) days prior notification in writing from the Director; in which event the COUNTY's sole obligation to the ENGINEER shall be payment in accordance with Sections V and VI, for those units or sections of the work previously authorized. Such payment shall be determined on the basis of the hours or the

percentage of the total 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 termination, the COUNTY may, without penalty or other obligations to the ENGINEER, elect to employ others to perform the services.

Proposal and contract documents shall provide that, notwithstanding any other penalties for firms that have discriminated in violation of Article VII of Chapter 11A of the Code, the County may terminate the contract or require the termination or cancellation of the sub consultant contract. In addition, a violation by a respondent or sub consultant to the respondent, 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.

SECTION XX - DURATION OF AGREEMENT

This Agreement shall remain in full force and effect for a period of three (3) years after its date of execution or until completion of all project phases, whichever occurs last, unless terminated by mutual consent of the parties hereto or as provided in other Sections of this agreement.

SECTION XXI - DEFAULT

In the event the ENGINEER fails to comply with the provisions of this Agreement, the Director may declare the ENGINEER in default by thirty (30) 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, which 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 Section of this Agreement, the COUNTY shall be compensated by the ENGINEER for reasonable attorney's fees and court costs.

SECTION XXII - INDEMNIFICATION AND HOLD HARMLESS

The Engineer shall indemnify and hold harmless the County and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the County or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the Engineer or its employees, agents,

servants, partners principals or subcontractors. The Engineer shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the County, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may issue thereon."

The ENGINEER expressly understands and agrees that any insurance protection required by this contract or otherwise provided by the ENGINEER shall in no way limit the responsibility to indemnify, keep, and save harmless and defend the COUNTY or its officers, employees, agents, and instrumentalities as herein provided.

The ENGINEER agrees and recognizes that the COUNTY shall not beheld liable or responsible for any claims which may result from any negligent reckless, or intentionally wrongful actions, errors or omissions of the ENGINEER in which the COUNTY participated either through review or concurrence of the ENGINEER's actions. In reviewing, approving or rejecting any submissions by the Contractor or other acts of the ENGINEER, the COUNTY in no way assumes or shares any responsibility or liability of the ENGINEER and other persons employed or utilized by the ENGINEER under this agreement.

The ENGINEER 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. The ENGINEER shall maintain during the term of this Agreement the following insurance:

1. Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than $500,000.00 combined single limit per occurrence for bodily injury and property damage.
2. Professional Liability Insurance in an amount not less that $5,000,000.00.
3. Public Liability Insurance, on a comprehensive basis, in an amount not less than $500,000.00 combined single limit per occurrence for bodily injury and property damage. **Miami-Dade County must be shown as an additional insured with respect to this coverage.**
4. Worker's Compensation Insurance for all employees of the ENGINEER as required by Florida Statute 440.

All insurance policies must be issued by companies authorized to do business under the laws of the State of Florida. 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.

The ENGINEER shall furnish certificates of insurance to the Risk Management Division, 111 N.W. First Street, Suite

2340, Miami, FL 33128-1987, 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 Section and that no material change or cancellation of this insurance shall be effective without thirty (30) days prior written notice to the COUNTY.

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 in the event that submitted certificates of insurance are inadequate to ascertain compliance with required coverages.

SECTION XXIII - CERTIFICATION OF WAGE RATES

In accordance with Florida Statute 287.055, 5(a) the ENGINEER hereby certifies and warrants that wage rates and other factual unit costs, as submitted in support of the compensation provided in Sections V and VI 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.

SECTION XXIV - ORDINANCES

The ENGINEER agrees to abide and be governed by Dade County ordinances which may have a bearing on the work contemplated hereunder, including but not necessarily limited to: Ordinance No. 72-82 (Conflict of Interest), Ordinance No. 77-13 (Financial Disclosure), Ordinance No. 82-37 (Affirmative Action Plan), Ordinance No. 90-133 (Disclosure of Ownership, Collective Bargaining Agreement, and Employee Wages, Health Care Benefits, Race, National Origin and Gender), Ordinance No. 91-142 (Family Leave) as amended by Ordinance No. 92-91, Superseded by Ordinance No. 93-118 (Family Leave Act), Ordinance No. 92-15 (Drug-Free Workplace), Resolution No. R-1049-93 (Affirmative Action Plan Furtherance and Compliance), Ordinance No. 94-73 (Value-Analysis and Life Cycle Costing) and Resolution No. R 385-95 (policy prohibiting contracts with firms violating the A.D.A. and other laws prohibiting discrimination on the basis of disability), Ordinance No. 95-178 (Entity must submit Delinquent or Currently due Fees or Taxes Affidavit), Ordinance No. 97-35 (policy of Fair Subcontracting Practices), Ordinance No. 98-30 (County Contractors Employment and Procurement Practices), Ordinance

No. 97-104 (Listing of Subcontractors and Suppliers on County Contracts), Ordinance No. 97-172 (Ordinance amending Section 2-10.4 requiring certain agreements for Professional Architectural and Engineering Services to include Value Analysis as part of the base scope of services), Ordinance No. 97-215 (Establishing the Office of the Inspector General), Resolution No. R-1006-97 (Approving A.O. No. 3-24 for Responsible Wages and Benefits in accordance with Ordinance No. 90-143), Resolution No. R-1206-97, Ordinance No. 98-106 (Cone of Silence), Resolution No. R-516-96 and Administrative Order 3-20 (Independent Private Sector Inspector General (IPSIG) Services), 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 having on file or 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 01224, Miami, Florida 33101:

1. A source of income statement.
2. A current certified financial statement.
3. A copy of the ENGINEER's current Federal Income Tax Return.

SECTION XXV - VALUE ANALYSIS

County Administrative Order 3-26 (AO) establishes the threshold and guidelines for performing Value Analysis/Engineering (VA/E) studies on Miami-Dade County construction contracts. The AO states that a formal VA/E study is not mandated for those projects whose construction cost estimate is below the Five Million Dollar ($5,000,000.00) threshold. The AO further states that principles and objectives of a VA/E study may be utilized for such projects in an informal manner. Therefore, with respect to this requirement, VA/E review may be conducted on an informal basis by County staff or an independent consultant under contract to the County and supervised by the Project Manager. The ENGINEER shall participate in these reviews pursuant to this Agreement.

SECTION XXVI - AFFIRMATIVE ACTION

The ENGINEER's Affirmative Action Plan submitted pursuant to Ordinance 82-37, as approved by the Department of Business and Economic Development and any approved update thereof, are hereby incorporated as contractual obligations of the ENGINEER to Miami-Dade County thereunder. The ENGINEER shall undertake and perform the affirmative actions specified herein. The Director may declare the ENGINEER in default of this agreement for failure of the ENGINEER to comply with the requirements of this paragraph.

SECTION XXVII - UTILIZATION REPORT (UR)

Pursuant to Administrative Order (A.O.) 3-32 Community Business Enterprise (CBE-A&E) Program, A.O. 3-22 Community Small Business Enterprise (CSBE) Program and/or A.O. 3-39 for the Resolution Repealing County Administrative Orders 3-33, 3-14 and 3-28 Establishing Administrative Order 3-39 Standard Process For Construction of Capital Improvements, Acquisition of Professional Services, Construction Contracting, Change Orders and Reporting, the Prime consultant is required to file Utilization Reports (UR) with the Miami-Dade County contracting department monthly, unless designated otherwise. The UR is required to accompany every invoice, which is due on or before the tenth working day following the end of the month the report covers. The UR should indicate the amount of contract monies received and paid as a Prime Consultant, including payments to subconsultant(s) (if applicable), from the County pursuant to the project. Authorized representatives of each listed subconsultant(s) shall sign the report, verifying their participation in the work contracted and receipt of the monies listed. The monthly reports are to be submitted to the Miami-Dade Department of Small Business Development, 111 N.W. 1st Avenue, 19th Floor, Miami, Florida, 33128, in the format attached hereto titled "Architecture & Engineering Utilization Report'.

SECTION XXVIII - PROMPT PAYMENT

It is the policy of Miami-Dade County that payment for all purchases by County agencies and the Public Health Trust shall be made in a timely manner and that interest payments be made on late payments. In accordance with Florida Statutes, Section 218.74 and Section 2-8.1.4 of the Miami-Dade County Code, the time at which payment shall be due from the County or the Public Health Trust shall be forty-five (45) days from receipt of a proper invoice. The time at which payment shall be due to small businesses and minority and women business enterprises shall be thirty (30) days from receipt of a proper invoice. All payments due from the County or the Public Health Trust, and not made within the time specified by this section, shall bear interest from thirty (30) days after the due date at the rate of one percent (1%) per month on the unpaid balance. Further, proceedings to resolve disputes for payment of obligations shall be concluded by final written decision of the County Manager, or his or her designee(s), not later than sixty (60) days after the date on which the proper invoice was received by the County or the Public Health Trust.

SECTION XXIX - PERFORMANCE EVALUATION

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.

SECTION XXX - ETHICS

"Pursuant to Sec. 2-11.1(w) of the Code of Miami-Dade County, the Ethics Commission has jurisdiction over contractors and vendors. The ENGINEER must provide the Ethics Commission with a written report regarding its compliance with any restrictions contained in the advisory opinion issued by the Ethics Commission to the ENGINEER, subconsultants or teams members within ninety days of the issuance of each work order. The reports must be submitted to Robert Myers, Executive Director, Commission on Ethics and Public Trust, 19 West Flagler Street, Suite 820, Miami, FL 33130."

SECTION XXXI - 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.

No alteration, change, or modification of the terms of this Agreement shall be valid unless made in writing, signed by both parties hereto, and approved by the Board of County Commissioners.

The 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.

IN WITNESS WHEREOF the parties hereto have executed these presents this _____ day of _____ 20 ____.

ATTEST:

HARVEY RUVIN,
CLERK OF THE BOARD

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

By: _____

By: _____
County Mayor

ATTEST:

By: _____
PRESIDENT

By: _____

(CORPORATE SEAL)

Approved as to form
and legal sufficiency.

_____
Assistant County Attorney

APPROVED AS TO
INSURANCE REQUIREMENTS
_____
Risk Management Division
Date 08/04/08

SCOPE OF SERVICES

EXHIBIT A

Venetian Causeway Bridge Replacement Project

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1 PURPOSE

Miami-Dade County, hereinafter called the COUNTY, requires professional ENGINEER services for the replacement of the twelve existing bridges on the Venetian Causeway.

The purpose of this Exhibit is to describe the scope of work and the responsibilities of the ENGINEER and the COUNTY in connection with this work. Design and preparation of a complete set of construction contract plans, permit documents, and special provisions, if necessary, are required for:

• Replacement of the bridges identified herein with new bridges.
• Roadway improvements to the Venetian Causeway, described herein.

The general objective is for the ENGINEER to prepare construction plans for a contractor to build the project and for the COUNTY to ensure that the project is built as designed and in accordance with the specifications. The project shall include the complete replacement of eleven bridges and a partial replacement of one additional bridge in the Causeway as well as all other associated work.

The bridge numbers for the bridges to be completely replaced are:

- 874460,874461,874463,874465,874466,874471,874472,874473,874474,874477, 874481

The bridge number for the bridge that is to be partially replaced is:

- 874459

- **Part A of the required services**: The ENGINEER will be required to prepare a Bridge Development Report, (BDR) that will include 30% plans. These plans shall include full geometric design for all of the bridges and roadway approaches and to provide all architectural treatments for the bridges.

- ENGINEER is anticipating providing Five (5) BDR packages.
  1. 874460; 2. 874461,874463,874465,874466,874471,874472,874473,874477; 3. 874474; 4. 874481; 5. 874459

This effort will include extensive public involvement and coordination with different interest groups as well as cooperation with the COUNTY, the City of Miami and the City of Miami Beach and their staff to ensure that a satisfactory concept has been developed and can be carried forward.

Elements of the work include bridges, approach roadways, public involvement, drainage, survey, maintenance of traffic, utility impacts, geotechnical, lighting, permits, cost estimates, architectural details, and all of the necessary incidental items for a complete project.

Additionally the ENGINEER will be required to address additional issues such as:

- Road and Bridge Typical Sections
- Environmental Impact Statement
- Section 4(f) Evaluation
- Section 106 Case Study Report
- Wetland Evaluation
- Endangered Species Biological Assessment
- Permits
- Noise Impact
- Air Quality
- Impact on toll revenue
- Location Hydraulics Report
- Water Quality Impact (as required by permit application)
- Utility Impact (as required by permit application)
- Alternatives Public Information Workshops

Part B of the required services: After approval of the BDR, the ENGINEER shall prepare final construction documents and all required special provisions and supplemental specifications. Intermediate submittals of these are required for review and approval.

Elements of the work include bridges, approach roadways, public involvement, drainage, survey, maintenance of traffic, utility impacts, geotechnical, lighting, permits, calculations, quantities, cost estimates, architectural details, and all of the necessary incidental items for a complete project.

Part B of the project will be executed at the COUNTY's option. Part B will be negotiated and scoped with part A of the project.

This Scope of Services establishes which items of work are specifically included in this contract, and also which of the items of work will be the responsibility of the ENGINEER or the COUNTY.

All plans and design documents are to be prepared with Standard English values in accordance with all applicable manuals and guidelines.

The ENGINEER shall be aware that as a project is developed, modifications and/or improvements to the original recommendation may be required. The ENGINEER is to incorporate these refinements into the design and will consider this effort to be an

anticipated and integral part of the work. This will not be a basis for any supplemental fee request(s).

The ENGINEER shall demonstrate good project management practices while working on this project. These include communication with the COUNTY and others as necessary, management of time and resources, and documentation.

It shall be the ENGINEER's responsibility to utilize the very best engineering judgment, practices, and principles possible during the performance of the work authorized under this contract.

The COUNTY will provide contract administration, management services, and technical reviews of all work associated with the development and preparation of the contract plans. The COUNTY will provide job-specific information and/or functions as outlined in this contract.

2 PROJECT DESCRIPTION

The ENGINEER shall investigate the status of past projects and become familiar with all concepts and commitments (architectural features, typical sections, alignments, maintenance of traffic, etc.) developed from prior studies and designs. This includes any documentation regarding the historical designations of the bridges. The ENGINEER shall incorporate these in the design unless otherwise directed by the COUNTY.

The Venetian Causeway is designated as a historic facility. The ENGINEER shall recognize this fact and thus all decisions will need to be coordinated and approved through the COUNTY or their representative.

The Venetian Causeway is approximately 2.5 miles long and is essentially a two lane undivided facility with access roads to the residences in the various connected islands. It includes twelve bridges built in 1926 that are mainly short span reinforced concrete arch beam bridges. Two of these twelve bridges include a bascule leaf span.

In 1995 the Causeway bridges underwent a major rehabilitation consisting of Gunite repairs to the superstructure arch beams and full replacement of the sidewalks and railings in all of the bridges. One of the bridges, (874459) was also partially replaced, (spans 16 thru 41). This partial replacement consisted of new precast arch beams and a cast in place deck slab superstructure. It also included the bascule leaf span

Presently, the bridges exhibit severe deterioration due to their proximity to the very aggressive marine environment. Additionally due to the new design codes, these bridges do not meet current loading requirements.

The Causeway provides a major link between the City of Miami and the City of Miami Beach as well as providing access to all of the residents of the islands from both cities.

The ENGINEER shall make Maintenance of Traffic a top priority in his plans preparation.

2.1 Roadway

Public Involvement: See Section 3 for more information.

Value Engineering: A formal Value Engineering study is anticipated for this project. However, it shall be noted that the ENGINEER will need to ensure that value be prioritized in the development of alternatives for this project. The costs identified will need to be coordinated and approved with the COUNTY.

Typical Section: Typical sections for the roadway and bridges have to be submitted by the ENGINEER for approval prior to completion of the BDR. Approved sections shall be a part of the BDR.

All new bridges will provide as a minimum existing vertical and horizontal clearances with the exception that the new bridge that will replace bridge number 874474, will include a bascule leaf and this new bridge shall provide the following minimum clearances for Boat Traffic:

1. Horizontally: 60 feet
2. Vertically: 12 feet

These clearances may be changed as per US Coast Guard directives.

MOT/Phasing Plans: Maintenance of Traffic is an essential part of this project. The ENGINEER shall coordinate with the COUNTY, municipalities and agencies relative to the plan developed; only complete bridge removal MOT alternative will be provided.

Generally:
Temporary Signals: None anticipated
Temporary Lighting: None anticipated
Temporary Drainage: None anticipated

Project Limits: Approximately 100 feet prior to the beginning and after the end of each bridge.

Variations/Exceptions: No anticipated variations/exceptions.

Back of Sidewalk Profiles: N/A (Vertical and Horizontal Alignment of the walkway and bridges will be required).

Pedestrian and Bicycle : Pedestrian and bicycle traffic must be accommodated.

2.2 Drainage

It is anticipated that the ENGINEER will need to coordinate with the COUNTY on the drainage concepts. It is not anticipated that additional pond sites or treatment areas will need to be designed under this project. Bridges will drain directly to bay water via scuppers. No roadway drainage will be required on any roadway approaches.

2.3 Utility Coordination

The ENGINEER shall identify location of utilities and potential conflicts. The COUNTY will coordinate relocations with utility companies and any necessary Subsurface Utility Explorations (SUE).

2.4 Environmental Permits

The ENGINEER shall coordinate with the jurisdictional agencies relative to permitting requirements.

2.5 Structures

The twelve bridges in the causeway consist mainly of reinforced concrete arch beams. Each of the original bridges has five arch beams spaced at roughly 7'-4" with sidewalks on each side. There are also diaphragms in each span. The number of spans in the bridges varies.

Type of Bridge Work anticipated:

- BDR
- Temporary Bridge – *N/A*
- Short Span Concrete
- Medium Span Concrete
- Movable Span
- Retaining walls/bulkheads
- Miscellaneous: All features such as lighting.

2.6 Signing and Pavement Markings

The ENGINEER shall adhere to COUNTY, FDOT and MUTCD standards for pavement markings and signage.

2.7 Lighting

The ENGINEER will be required to include a lighting concept that is acceptable to the COUNTY and also provides adequate lighting levels for the pedestrians. Special attention shall be made to the appearance and aesthetics of the lighting being provided. The

ENGINEER should mitigate lighting pollution to the nearby neighborhoods. A Lighting report will be required.

2.8 Landscape Architecture

The ENGINEER shall verify existing landscape features; however, no formal plans are anticipated.

2.9 Survey

The ENGINEER shall conduct all survey controls and topography required to perform the work.

2.10 Geotechnical – Part A and B of the Project.

The ENGINEER shall provide all Geotechnical field explorations, laboratory testing and engineering evaluations required for the project in accordance with the FDOT's Soils and Foundations Handbook or as directed by the COUNTY.

The ENGINEER shall provide the location of all Standard Penetration Test (SPT) borings and Cone Penetration Test (CPT) soundings in accordance with the COUNTY's instructions.

A Geotechnical Report will be required as part of the BDR submittal.

2.11 Architecture

As applicable to the project, only the aesthetics of the bridges is anticipated to be part of this effort.

2.12 Project Schedule

Prior to issuing the Notice to Proceed, and prior to the ENGINEER beginning work, the ENGINEER shall provide a detailed project activity/event schedule for COUNTY and ENGINEER's activities required.

It is anticipated that services for Part A of this Contract be completed within 12 months and Part B in 24 months. The schedule shall indicate all required submittals. For purposes of scheduling, the ENGINEER shall allow for the following COUNTY work activity and submittal review times, when applicable:

Work Activity/Submittal Review (To be determined by the COUNTY)	**Time (weeks).** (To be determined by the COUNTY)
Bridge Development Report Review	4
Roadway Plans Review	2 - Per phase submittal

Structures Plans Review	3	- Per phase submittal
Environmental Permits review	4	

Periodically, throughout the life of the project, the schedule shall be reviewed and, with the approval of the COUNTY, adjusted as necessary to incorporate changes in the work concept and progress to date.

The approved schedule and schedule status report shall be submitted monthly. The schedule shall be submitted in Primavera, MS Project or system-compatible format.

2.13 Submittals

The ENGINEER shall furnish plans and documents as required by the ENGINEER to adequately control, coordinate, and approve the plans. The ENGINEER will provide the amount of copies as per PSA. Any quantities exceeding the negotiated fee will be paid separately by the COUNTY. Copies submitted to the utility companies and for review will be reimbursable.

The ENGINEER shall provide the Geotechnical Engineer the opportunity to review a complete set of plans at each phase as they are being developed. The opportunity for formal plans review will occur at all review phases. The Geotechnical Engineer's comments and the responses/resolution shall be included with each submittal of the plans for review. The Geotechnical work effort will not be considered complete until the plans review comments and their resolutions meet the approval of the COUNTY.

2.14 Provisions for Work

All plans and designs are to be prepared with English values in accordance with all applicable FDOT, AASHTO and COUNTY manuals, memorandums, guidelines as well as other documents listed below:

General:

- US Army Corp of Engineers (ACOE)
- Florida Statutes
- Florida Administrative Codes
- Department of Environmental Protection Rules Governing Mean High Water and Jurisdictional Line Surveys
- Americans with Disabilities Act (ADA)
- Environmental Protection Agency (EPA) requirements
- U.S. Occupational Safety and Health Administration (OSHA) requirements
- Florida Department of Environmental Protection (DEP) requirements
- Florida Department of Business and Professional Regulation (DBPR) requirements
- US Coast Guard requirements
- American Society for Testing and Materials - ASTM Standards
- Federal Highway Association

- National Environmental Policy Act (NEPA)
- National Historic Preservation Act
- State Historic Preservation Office (SHPO)
- South Florida Water Management District(SFWMD)
- Florida Department of Transporation (FDOT)

These documents are revised periodically by the responsible agencies and adopted by authorities having jurisdiction on projects. The ENGINEER is advised to obtain applicable versions of these documents from the responsible agency prior to use.

2.15 Services to be performed by the County

When appropriate the COUNTY will provide those services and materials as set forth below:

- Furnish monuments for survey controls
- Approve all contacts with the environmental agencies
- Provide COUNTY guidelines to be used in the completion of this project Objectives, constraints, budgetary limitations and time constraints will be completely defined by the COUNTY Project Manager.
- Provide the appropriate signatures on application forms.
- Provide letters of authorization designating the ENGINEER as an agent of the COUNTY.
- Provide phase reviews of construction documents.
- Furniture of all information that may come to the COUNTY during the term of the ENGINEER's agreement, which in the opinion of the COUNTY is necessary for the prosecution of the work.
- Furnish available data
- Furnish available documents related to existing utilities
- Provide review services
- Provide available existing plans and related documents
- Provide access to the bridges
- Pay agencies' permit fees.
- Identify utility companies
- Make initial contact with utility companies
- Review utility work schedule in conjunction with the ENGINEER

3 PROJECT COMMON and PROJECT GENERAL TASKS

Project Common Tasks

Project Common Tasks, as listed below, are work efforts that are applicable to many project activities. These tasks are to be included in the project scope in each applicable activity when the described work is to be performed by the ENGINEER.

Cost Estimates: The ENGINEER shall be responsible for producing a construction cost estimate and reviewing and updating the cost estimate when scope changes occur and/or at milestones of the project. Prior to 60% plans and completion of quantities, a preliminary estimate is to be submitted. A Summary of Pay Items sheet shall be prepared with all required Phase submittals.

Technical Special Provisions: The ENGINEER shall provide Technical Special Provisions and for all items of work not covered by the FDOT Standard Specifications for Road and Bridge Construction and the workbook of implemented modifications.

The Technical Special Provisions shall be technical in nature and shall provide a description of work, materials, equipment and specific requirements, method of measurement and basis of payment. Proposed Technical Special Provisions will be submitted to the COUNTY for initial review at the time of the 90% plans review submission.

Field Reviews: Includes all trips required to obtain necessary data for all elements of the project.

Technical Meetings: Includes meetings with the COUNTY and/or designated staff, between disciplines and sub-engineers, local governments, progress review meetings (phase review), and miscellaneous meetings.

Quality Assurance/Quality Control: It is the intention of the COUNTY that design engineers are held responsible for their work, including plans review. Detailed checking of ENGINEER's plans or assisting in designing portions of the project for the ENGINEER is not the intent of having external design engineer's. The purpose of engineering plan reviews is to ensure that ENGINEER's plans follow plan preparation procedures and that state and federal design criteria are followed with the COUNTY concepts, and that the ENGINEER's submittals are complete.

The ENGINEER shall be responsible for the professional quality, technical accuracy and coordination of all surveys, designs, drawings, specifications and other services furnished by the ENGINEER under this contract.

The ENGINEER shall, without additional compensation, correct all errors or deficiencies in the designs, maps, drawings, specifications and/or other services.

Independent Peer Review: N/A

Supervision: Includes all efforts required to supervise all technical design activities.

Coordination: Includes all efforts to coordinate with all disciplines of the project to produce a final set of construction documents.

The ENGINEER is to coordinate their work with any ongoing and/or planned projects that may affect this work. The ENGINEER is to coordinate with local governmental entities to ensure design and right of way requirements for the project are compatible with local public works improvements and right of way activities.

Project General Tasks

Project General Tasks, described in Section 3 below, represent work efforts that are applicable to the project as a whole and not to any one or more specific project activity. The work described in these tasks shall be performed by the ENGINEER when included in the project scope.

3.1 Public Involvement

Public involvement is an extremely important aspect of this project development process. Public involvement includes communicating to all interested persons, groups, and government organizations information regarding the development of the project.

The ENGINEER shall continue the public involvement begun in previous work through implementing a Community Awareness Plan. Property owners adjacent to the project shall be informed about the project.

The ENGINEER shall provide to the COUNTY drafts of all Public Involvement items (i.e., newsletters, property owner letters, advertisements, etc.) associated with the following tasks for review and approval at least five (5) business days prior to printing and / or distribution.

The ENGINEER shall identify appropriate staff to ensure that all calls and questions regarding this project can be answered. Contacts, questions and responses will be documented and provided to the COUNTY. The ENGINEER will coordinate and cooperate with the COUNTY during the public involvement process.

3.1.1 Public Involvement Program

The ENGINEER shall be responsible for developing a Public Involvement plan that will allow for the successful identification of a preferred alternative for the Bridges. It is anticipated that this plan will coordinate with the various groups associated with the project. The desire is to coordinate initially with a Task Force of stakeholders in the project, which will include the Cities of Miami and Miami Beach and potentially others.

The purpose of this task is to gain input from these stakeholders to help determine the vision for the project. The proposed approach is to have meetings, starting with an initial meeting with all stake holders to determine overall vision of the project and create the Stake Holders Task Force to assist the ENGINEER. After identifying the vision of the project the ENGINEER will prepare up to two (2) concepts to present to the stakeholders for their input and evaluation. One single chosen alternative will be further develop and

presented to the general public. It is anticipated that two (2) general public meetings will be necessary for this project.

The ENGINEER will be responsible for developing a General Public Input Program. The project will require internet base project information page. The final concept will be presented to all stakeholders including but not limited to all identified above.

3.1.2 Public Involvement Data Collection

In addition to public involvement data collection, the ENGINEER shall assist the COUNTY in preparing responses to any public inquiries that result from the public involvement process. It is anticipated that the ENGINEER may need to perform stakeholder interviews to ensure that all interests are being considered during the development of the concepts for this project. COUNTY will provide listing of names and mailing addresses of the stakeholders along the Causeway.

3.1.3 Scheduled Public Meetings

The ENGINEER shall provide all support necessary for the COUNTY to hold or participate in various public meetings, which may include but not limited to:

- Task Force/Agency Kick-off Meeting
- Public Kick-off Meeting (1) – Project area, project history and purpose, project team, preliminary concepts (3) and appropriate graphics
- Alternatives Public Meeting (2) – Refined Concepts and graphics allowing for public input / voting
- Final Public Meeting (3)

For any of the above type meetings, the ENGINEER shall prepare and/or provide:

- Agenda for presentation.
- Handouts / Newsletter – It is anticipated that the invitation to the first public meeting shall be via a newsletter to educate the invited public on the history and intent of the project.
- Graphics for presentation.
- Meeting equipment set-up and tear-down.
- Legal and/or display advertisements.
- Letters for notification of elected and appointed officials, property owners and other interested parties.
- News releases, for use three to five days prior to meeting. The ENGINEER shall maintain close coordination with the COUNTY.
- Minutes of meetings to be provided to the COUNTY no later than five (5) business days after the meeting.
- Briefing and debriefing of COUNTY staff.

The ENGINEER will investigate potential meeting sites to advise the COUNTY on their suitability. The COUNTY will pay all costs for meeting site rents and insurance. The ENGINEER will attend the meetings with an appropriate number of personnel to assist the COUNTY's Project Manager.

It is estimated for this project there will be three public meetings during the study.

3.1.4 Unscheduled Public and Agency Meetings

In addition to scheduled public meetings the ENGINEER may be required to participate in unscheduled meetings with the public, elected officials, or public agencies. The ENGINEER's participation will be limited to attending the meeting, note taking, and summarizing the meeting in a memo to the file. It is estimated for this project there will be three (3) meetings during the study.

3.1.5 Special Public Involvement Requirements

It is required that special consideration shall be made to document the input received from the Public during the meetings that are planned. The ENGINEER shall ensure that all input / votes received can be fully documented. It is also required that the ENGINEER provides updates for inclusion into the project website.

4 HISTORIC RESOURCES INFORMATION AND EVALUATION REPORT - Part A

The Venetian Causeway is locally listed by both the cities of Miami and Miami Beach, and it is also listed in the National Register of Historic Places (NRHP). The replacement of these bridges will require a permit from the United States Coast Guard (USCG), and the USCG will require adherence with the National Environmental Policy Act (NEPA) and Section 106 of the National Historic Preservation Act. These regulations require extensive cultural resources work when effects to NRHP-listed or eligible properties, such as the bridges, are involved.

As part of this project, the following tasks must be completed:

- Assess effects that the project may have on the historic bridges and roadways according to the NRHP criteria of effect and produce a Section 106 Case Study Report that documents these effects. This report would need to go to the State Historic Preservation Officer (SHPO) for review and concurrence.
- Agency Coordination will be necessary with SHPO, FDOT, FHWA, USCG, cities of Miami and Miami Beach
- Public Involvement will be necessary as well, affected parties will need to be involved as part of the Section 106 process. Cultural Resources Committee may need to be established as a vehicle to move forward with the public involvement. This may require several meetings. ENGINEER will help with preparation and

leading the meetings, but will not be responsible for sending out invitations or finding meeting locations.

- If adverse effects to this historic bridges and roadways cannot be avoided, a Memorandum of Agreement will need to be prepared according to Section 106.
- Assist with historic resources information that may be needed for necessary Section 4(f) documentation. Optional services will need to be scoped if ENGINEER is required to prepare a Programmatic 4(f) document for the bridges.

5 ROADWAY ANALYSIS

The ENGINEER shall analyze and document Roadway Tasks in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums.

5.1 Typical Section Package

The ENGINEER shall provide an approved Typical Section Package prior to the BDR's submittal date that will consists of two (2) packages. One package for the existing Typical Sections and a second with the existing widened Typical Section to address bicycle and A.D.A. issues.

5.2 Horizontal/Vertical Master Design Files

The ENGINEER shall design the geometrics using the design standards that are most appropriate with proper consideration given to the existing conditions, design speed, design consistency and driver expectancy, aesthetics, pedestrian and bicycle concerns, ADA requirements, historical constraints and scope of work.

5.3 Design Report

The ENGINEER shall prepare all applicable documents listed in the Project Description section of this scope. The ENGINEER shall submit to the COUNTY design notes, data, and calculations to document the design conclusions reached during the development of the contract plans.

The design notes, data, and computations shall be recorded on size 8½"x11" sheets, fully titled, numbered, dated, indexed and signed by the designer and the checker. Computer output forms and other oversized sheets shall be folded to 8½"x11" size. The data shall be in a hardback folder for submittal to the COUNTY.

5.4 Computation Book and Quantities – Part B

The ENGINEER shall prepare the Computation Book and various Summary of quantities sheets. This includes all efforts required to develop the Computation Book and the supporting documentation, including construction days when required.

5.5 Cost Estimate

5.6 Technical Special Provisions – Part B

5.7 Field Reviews

5.8 Technical Meetings

5.9 Quality Assurance/Quality Control

5.10 Supervision

5.11 Coordination

6 ROADWAY PLANS – Part B

The ENGINEER shall prepare roadway plan sheets, notes, and details. The plans shall include as a minimum the following sheets necessary to convey the intent and scope of the project for the purposes of construction. SCOPE ASSUMPTIONS: 1. 100' or as required to match streetscape project. 2. Bridges will drain directly to bay water via scuppers. No roadway drainage will be required on any roadway approaches.

6.1 Key Sheet
6.2 Summary of Pay Items and Quantities with Notes
6.3 Typical Section Sheets
6.4 General Notes
6.5 Bridge Hydraulic Recommendation Sheets
6.6 Plan/Profile Sheets
6.7 Miscellaneous Detail Sheets
6.8 Cross sections (as required)
6.9 MOT/Phasing Plans
6.10 Signing and pavement markings
6.11 Erosion Control Plan
6.12 SWPPP
6.13 Quality Assurance/Quality Control
6.14 Supervision

7 DRAINAGE ANALYSIS – Part B

The ENGINEER shall be responsible for designing a drainage and stormwater managements system for the bridges in accordance with all applicable requirements. The ENGINEER shall coordinate fully with the appropriate permitting agencies and the COUNTY's staff. All activities and submittals should be coordinated through the COUNTY's Project Manager. The work will include the engineering analyses for any or all of the following:

7.1 Bridge Hydraulic Report

7.2 Cost Estimate

7.3 Field Reviews

7.4 Technical Meetings

7.5 Quality Assurance/Quality Control

7.6 Supervision

7.7 Coordination

8 UTILITIES

The ENGINEER shall identify utilities, ensuring that there are no conflicts with the proposed work.

8.1 Kickoff meeting

8.2 Identify and locate all utilities affected by the work

8.3 Utility contacts

First contact: The COUNTY will send letters to each utility.

Second contact: A minimum of four weeks prior to the meeting the COUNTY shall transmit two complete sets of 30% plans to each impacted utility.

8.4 Utility meeting

The COUNTY shall schedule and conduct a meeting with all impacted utilities to identify and resolve all conflicts with the proposed work prior to the completion of the plans and to determine the utility adjustment needs. The ENGINEER shall keep accurate minutes and distribute them to all parties.

8.5 Review Utility markups

8.6 Utility coordination/Follow up

Ensure resolution of all conflicts in conjunction with the COUNTY. This task applies to all phases of the work.

9 ENVIRONMENTAL PERMITS

The ENGINEER shall notify the COUNTY's Project Manager and other appropriate personnel in advance of all scheduled meetings with the regulatory agencies to allow a COUNTY representative to attend. The ENGINEER shall copy the County's Project Manager on all permit related correspondence and meetings.

9.1 Preliminary Project Research

The ENGINEER shall perform preliminary project research and shall be responsible for early identification of and coordination with the appropriate regulatory agencies to assure that design efforts are properly directed toward permit requirements.

9.2 Establish Jurisdictional Lines

Not applicable.

9.3 Complete and Submit All Required Permit Applications

The ENGINEER shall prepare permit packages as identified in the Project Description section. The ENGINEER shall collect all of the data and information necessary to obtain the environmental permits required to construct a project.

The ENGINEER shall prepare each permit application for COUNTY approval in accordance with the rules and/or regulations of the environmental agency responsible for issuing a specific permit and/or authorization to perform work.

9.4 Prepare Dredge and Fill Sketches

9.5 Prepare USCG Permit Sketches

9.6 Prepare Easement Sketches

9.7 Prepare Right-of-Way Occupancy Sketches

9.8 Prepare Coastal Construction Control Line (CCCL) Permit Sketches

9.9 Technical Meetings

9.10 Quality Assurance/Quality Control

9.11 Supervision

9.12 Coordination

10 STRUCTURES – BRIDGE DEVELOPMENT REPORT

The ENGINEER shall prepare a Bridge Development Report, (BDR) that evaluates alternative structural systems, materials, span arrangements, construction methods, anticipated maintenance, maintenance of traffic, etc. **The aesthetics of the bridges and the concurrence of the residences and the municipalities with the proposed alternative are of paramount importance**.

The Report shall be neatly written and the contents presented in logical order. An executive Summary is required that compares the cost of the alternates and states the recommended alternate to be carried forward in the design.

The BDR shall consist of four distinct sections:

1- The fixed span bridges.
2- The movable bridge, (Bascule).
3- The bridge approaches and associated walls/bulkheads
4- 30% plans.

The BDR shall include as a minimum:

1- Bridge Geometry
2- Superstructure alternates
    a. Short span concrete
    b. Medium span concrete
    c. Long span concrete
3- Substructure alternates
    a. Pier and abutment types
    b. Foundation types
4- Aesthetics
5- Maintenance of Traffic
6- Quantity and cost estimates

As part of the BDR, the ENGINEER shall assemble all vessel information by reviewing the Bridge Tender and Coast Guard logs and obtain the required documentation in order to set the required clearances for the bridges. Ship Impact considerations shall be included in the Report.

The ENGINEER shall evaluate different design alternatives that are consistent with the aesthetic requirements mentioned above. Alternate statical systems such as simple or continuous spans must be evaluated as well as alternate foundation types such as piling and drilled shafts.

The bascule bridge will require as a minimum:

- Evaluation of alternate drive systems such as hydraulic cylinders or motors.

- Evaluation of Control systems. Existing control phasing to new ones shall be considered.
- Evaluation of bascule pier and tender house configurations. Submerged counterweights will not be accepted.
- Evaluation of high reliability systems such as redundant drives.
- Evaluation of a closed deck option.

The 30% Structure plans for the recommended alternate will include as a minimum:

1- Horizontal and vertical geometry and layout for the structures.
2- Key map
3- General Notes
4- General Plan and Elevations
5- Bridge hydraulic Sheets
6- Bridge Sections, (including bascule span)
7- Typical Superstructure types
8- Typical Substructure types
9- Layout and details of Bulkheads or walls required.

The report shall be signed and sealed by a Professional Engineer registered in the State of Florida.

East Bascule BDR – Part A

General Requirements

Bridge Geometry: The horizontal centerline alignment for the bridge will remain the same as the existing bridge centerline alignment. The ENGINEER will develop two vertical profiles for study during the BDR phase of the project. The first profile will be similar to the existing profile centerline. The second profile will consider the results of the vessel height study, bridge functionality, and the environmental aggressiveness.

Vessel Height Study: The ENGINEER will review existing bridge tender logs to identify the periods during the year where the most openings occur, and then have the COUNTY's tender record vessel heights for determined periods of time. The ENGINEER will devise the methodology for the COUNTY's tender to ascertain vessel heights. With the information gathered by the COUNTY's tender, the ENGINEER will chart the results and prepare recommendations.

Vessel Collision Data Collection and Criteria: The ENGINEER will gather existing channel and vessel information and develop vessel collision requirements. The COUNTY will provide five years of tender logs to the ENGINEER to accomplish this task.

Movable Span

Data Collection & Design Criteria: The ENGINEER will collect data (from maintenance and bridge operations) and establish movable bridge design criteria.

Movable Span Geometrics: The ENGINEER will develop geometric layout, including girder and joint locations, angle of opening, navigation clearances and depth of structure.

Deck System Evaluations: The ENGINEER will consider both open and closed deck systems in the evaluation of the bascule leaf and pier configurations.

Framing/Main Girder/Support System and Conceptual Span Balance Development: The CONSULTANT will develop concepts for a double leaf trunnion bascule considering the two vertical profiles noted under *Bridge Geometry* cited above. The concepts will be developed for one established horizontal navigational clearance through the draw. The trunnion support will be a "Hopkins Trunnion" arrangement.

Drive Power Calculations: The ENGINEER will calculate drive system power requirements for the established drive type.

Drive System Development: The ENGINEER will prepare a brief summary of pros and cons of available drive systems and meet with the COUNTY maintenance and operation personnel to establish the drive type (electro-mechanical or electro-hydraulic). The ENGINEER will evaluate the selected or "established" drive type.

Power and Control Development: The ENGINEER will evaluate power and control systems for the established drive type.

Conceptual Pier Design: The ENGINEER will develop bascule pier layout/concepts for the two vertical profiles established under *Bridge Geometry* cited above.

Foundation Analysis: The ENGINEER will develop bascule pier foundation utilizing drilled shafts. Driven piles and spread footing need not be considered by the ENGINEER

Tender Visibility Study: The ENGINEER will prepare a tender visibility study for a single story control tower with operational recommendations.

Control Tower Functional Layout: The ENGINEER will develop a preliminary functional layout for a single story control tower for review and comment by COUNTY maintenance and operation personnel.

Control Tower Architectural: The ENGINEER will develop the architectural intervention for a single story control tower and the bascule pier. The design of the intervention will be generally consistent with the original design in the historical perspective while meeting visibility and functional requirements. The design by the ENGINEER will be applicable to both vertical profiles and modified as may be

appropriate. The ENGINEER will anticipate that refinements will be required as a result of input from the public.

Other Issues

Aesthetics: The ENGINEER will perform research, gather data and evaluate aesthetic requirements in the historical perspective for the development of the criteria for the architectural intervention in the bascule piers and control tower.

Constructability Requirements: The ENGINEER will evaluate construction equipment, materials delivery, site access and construction methodology for conventional cofferdam construction of the bascule piers.

Quantities and Cost Estimates: The ENGINEER will develop preliminary quantities and cost estimate for the major items for the two vertical profile alternatives.

Report Preparation

Report and Exhibits: The ENGINEER will prepare a report with exhibits documenting the outcomes and conclusions of the studies and evaluations cited above.

Meetings and Reviews: The ENGINEER will attend meetings as requested by the County and conduct field reviews as required to identify required design criteria.

East Bascule 30 Percent Plans – Part A

30 Percent Plans: The ENGINEER will prepare 30 percent bridge plans of the preferred alternative consistent with the outcomes and conclusions of the Bridge Development Report.

Permit Drawings: The ENGINEER will prepare permit drawings as required for inclusion in the permit package for the submittal to the United States Coast Guard (USCG).

East Bascule Final Plans – Part B

Final Plans: The ENGINEER will prepare final plans for the construction of a conventional double leaf trunnion bascule bridge and approaches.

Technical Special Provisions: Construction will be in accordance with the Florida Department of Transportation Standard Specifications for Road and Bridge Construction. The ENGINEER will prepare technical special provisions as required to construct the Work and which are not a part of the Standard Specifications.

Load Ratings: The ENGINEER will prepare load rating calculations for the bascule span and approaches.

11 STRUCTURES – SUMMARY AND MISCELLANEOUS TASKS

It is anticipated that upon selection of the preferred alternative for the Bridges, the ENGINEER will need to prepare plans for the alternate selected. Contract documents shall display economical solutions for the given conditions.

The ENGINEER shall provide Design Documentation to the COUNTY with each submittal consisting of structural design calculations and other supporting documentation developed during the development of the plans. The design calculations submitted shall adequately address the complete design of all structural elements. These calculations shall be neatly and logically presented on 8½"x11" paper (where possible) and all sheets shall be numbered.

The final design calculations shall be signed and sealed by a Florida-registered professional engineer. A cover sheet indexing the contents of the calculations shall be included and the engineer shall sign and seal that sheet. All computer programs and parameters used in the design calculations shall include sufficient backup information to facilitate the review task.

The Miscellaneous drawings and tasks shall include as a minimum:

1- Index of Drawings
2- Project Layout
3- General Notes and Bid Item Notes
4- Incorporate Florida Department of Transportation Standards
5- Incorporate Report of Core Borings
6- Existing Bridge Plans as applicable
7- Computation Book and Quantities – Part B
8- Cost Estimate
9- Technical Special Provisions – Part B
10- Field Reviews
11- Technical Meetings
12- Quality Assurance/Quality Control
13- Independent Peer Review – Not applicable
14- Supervision
15- Coordination

12 STRUCTURES - BRIDGE PLANS– Part B

The ENGINEER shall prepare plans for selected alternate to include as a minimum:

1- Key Map
2- General Notes and Bid Item Notes
3- General Plan and Elevations
4- Bridge hydraulic Sheets
5- Core Boring Sheets

6- Construction staging and MOT
7- Foundation layouts and details
8- Bridge Sections, (including bascule span)
9- Abutment geometry and details
10- Pier geometry and details
11- Finish Grade Elevations
12- Superstructure plan and details, including post-tensioning details if needed
13- Joint details
14- Complete bascule leaf and pier plans, elevations and details.
15- Complete tender house plans and details, (bascule)
16- Complete mechanical and electrical details, (bascule).
17- Reinforcing lists
18- Layout and details of Bulkheads or walls required.
19- Approach slab plans and details
20- Fender systems
21- Any other miscellaneous details required such as slope protection, lighting, etc.

Load Ratings are required for all the bridges.

13 LIGHTING ANALYSIS

The ENGINEER shall analyze and document Lighting Tasks in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums.

13.1 Lighting Justification Report – Part A

Not required.

13.2 Lighting Design Analysis Report – Part B

The ENGINEER shall prepare a Preliminary Lighting Design Analysis Report. The report shall be submitted under a separate cover prior to the Phase II plans submittal. The report shall provide analyses for each typical section of the mainline. Each lighting calculation shall be properly identified as to the area that it covers.

The report shall include the Lighting Design Criteria that will be used and shall include the evaluation of the lighting design alternatives and a recommendation on the alternative to use. Each alternative shall be properly described; the alternatives shall consider different pole heights, lamp wattage, and arm lengths. Each alternative shall be provided with a cost estimate that includes initial cost in addition to operations and maintenance cost for one year.

After approval of the preliminary report, the ENGINEER shall submit a revised report including a detailed lighting design analysis for each submittal.

13.3 Voltage Drop Calculations – Part B

The ENGINEER shall submit voltage drop calculations showing the equation or equations used along with the number of luminaries per circuit, the length of each circuit, the size conductor or conductors used and their ohm resistance values. The voltage drop incurred on each circuit (total volts and percentage of drop) shall be calculated, and all work necessary to calculate the voltage drop values for each circuit should be presented in such a manner as to be duplicated by the COUNTY. Load analysis calculations shall be submitted for each branch circuit breaker and main breaker.

13.4 Reference and Master Design Files – Part B

The ENGINEER shall prepare the Lighting Design file to include all necessary design elements and all associated reference files.

The ENGINEER shall submit a Roadway Lighting Design Documentation Book with each lighting plans submittal under a separate cover and not part of the roadway documentation book. At a minimum, the design documentation book shall include:

1- Lighting Calculations.
2- All calculations such as power, voltage, etc.
3- Quantities
4- Utility coordination
5- Cost estimates
6- Technical Special provisions
7- Quality Assurance/Quality Control

14 LIGHTING PLANS – Part B

The ENGINEER shall prepare a set of Lighting Plans which includes the following:

1- Summary of Pay Items.
2- Tabulation of Quantities
3- General Notes/Pay Item Notes
4- Pole Data and Legend & Criteria
5- Service Point Details
6- Project Layout
7- Plan Sheet
8- Special Details

15 SURVEY

The ENGINEER shall perform all required survey tasks in accordance with all applicable statutes, manuals, guidelines, etc.

The ENGINEER shall submit all survey notes and computations necessary to document the surveys.

15.1 Horizontal and Vertical Controls

Establish or recover monuments, benchmarks Project Network Controls (PNC) and section corners, for the purpose of establishing horizontal and vertical control on the Florida State Plane Coordinate System or datum approved by the COUNTY Surveyor; may include primary or secondary control points. Includes analysis and processing of all field collected data, and preparation of forms.

15.2 Alignment and/or Existing Right of Way Lines

Establish, recover or re-establish project alignment. Also includes analysis and processing of all field collected data, existing maps, and/or reports for identifying mainline, ramp, offset, or secondary alignments. Depict alignment and/or existing R/W lines (in required format) per Municipal R/W Maps, platted or dedicated rights of way.

15.3 Aerial Targets

Place, locate, and maintain required aerial targets and/or photo identifiable points. Includes analysis and processing of all field collected data, existing maps, and/or reports, as required.

15.4 Reference Points

Reference monuments, benchmarks Project Network Controls (PNC) point, project alignment, vertical control points, section, ¼ section, center of section corners as required.

15.5 Topography (2D)

Locate all above ground features and improvements. Deliver in appropriate electronic format. Effort includes field edits, analysis and processing of all field collected data, existing maps, and/or reports.

15.6 Digital Terrain Model (DTM)

Locate all above ground features and improvements for the limits of the project by collecting the required data for the purpose of creating a DTM with sufficient density. Shoot all break lines, high and low points. Effort includes field edits, analysis and processing of all field collected data, existing maps, and/or reports.

15.7 Underground Utilities

Designation includes 2-dimensional collection of existing utilities and selected 3-dimensional verification as needed for designation. Survey includes collection of data on points as needed for designates and locates. Includes analysis and processing of all field collected data, and delivery of all appropriate electronic files.

15.8 Drainage Survey

Locate underground data (XYZ, pipe size, type and flow line) that relates to above ground data. Includes field edits, analysis and processing of all field collected data, existing maps, and/or reports.

15.9 Bridge Survey

Locate required above ground features and improvements for the limits of the bridges. Includes field edits, analysis and processing of all field collected data, existing maps, and/or reports.

15.10 Channel Survey

Locate all topographic features and improvements for the limits of the project by collecting the required data for the purpose of a D.E.M. Survey with sufficient density of shots. Shoot all break lines, high and low points. Includes field edits, analysis and processing of all field collected data, maps, and/or reports. This will also include the depiction of areas covered by sea grass.

15.11 Jursidiction Line Survey

Not applicable.

15.12 Geotechnical Support

Not applicable.

15.13 Sectional/Grant Survey

Perform field location/placement of section corners, 1/4 section corners, and fractional corners where pertinent. Includes analysis and processing of all field collected data and/or reports.

15.14 Maintained R/W

Perform field location (2-dimensional) of maintained R/W limits as defined by respective authorities, if needed. Also includes field edits, analysis and processing of all field collected data, preparation of reports.

15.15 Water Boundary Survey

Perform Mean High Water, Ordinary High Water and Safe Upland Line surveys as required by COUNTY standards; as required by permitting agencies or for temporary construction easements.

15.16 Work Zone Safety

Provide work zone as required by COUNTY standards.

15.17 Miscellaneous Surveys

Refer to tasks of this document, as applicable, to perform surveys not described herein.

15.18 Supplemental Surveys

Supplemental survey days and hours are to be approved in advance by COUNTY. Refer to tasks of this document, as applicable, to perform surveys not described herein.

15.19 Document Research

Perform research of documentation to support field and office efforts involving surveying and mapping.

15.20 Field Review

Perform verification of the field conditions as related to the collected survey data.

15.21 Technical Meetings

Attend meetings as required and negotiated by the COUNTY.

15.22 Quality Control/Quality Assurance

Includes subconsultant reviews response to comments and any resolution meetings if required, preparation of submittals for review, etc.

15.23 Temporary Construction Easement

Prepare required documentation (legal descriptions, sketches, etc.) to obtain temporary construction easement.

16 AERIAL PHOTOGRAPHY

The ENGINEER shall perform aerial photography tasks in accordance with all applicable statues, manuals, guidelines, standards, handbooks, procedures, and current design memoranda.

16.1 Flight Preparation

Review record data, create target diagrams, and plan the mission.

16.2 Mobilization

Perform pre- and post flight aircraft inspection; prepare the aircraft and camera for the mission.

16.3 Flight Operations

Operate the aircraft, aerial camera, and other instruments to obtain aerial photography.

16.4 Film Processing

Process, check, and annotate the aerial film.

16.5 Scanning

Scan photographic images.

16.6 Aerial Triangulation

Measure and adjust control within aerial images.

16.7 Rectified Digital Imagery (Georeferenced)

Create the rectified digital image.

16.8 Mosaicking

Create the mosaic.

16.9 Sheet Clipping

Create plot files for sheets from the database.

16.10 Planimetrics (2D)

Prepare 2D planimetric map.

16.11 CADD Edit

Perform final edit of graphics for delivery of required Microstation , CADD, and Geopak files.

16.12 Data Merging

Merge photogrammetric files, field survey files, and data from other sources.

16.13 Miscellaneous

Perform any other task not identified by numbered tasks.

16.14 Field Review

Perform on site review of maps

.

16.15 Meetings

Attend meetings as required.

16.16 Quality Control/Quality Assurance

16.17 Supervision

Supervise all photogram metric activities. This task must be performed by a Florida P.S.M.

16.18 Coordination

Coordinate with all elements of the project to produce a final photographic product.

17 GEOTECHNICAL – Part A and Part B

The ENGINEER shall be responsible for a complete geotechnical investigation. All work performed by the ENGINEER shall be in accordance with FDOT and COUNTY Standards except for the number of borings. The COUNTY will make interpretations and changes regarding geotechnical standards, policies and procedures and provide guidance to the ENGINEER.

17.1 Document Collection and Review

ENGINEER will review available information including topographic maps, aerial photography (including historic photos), ground water resources, geology bulletins, pile driving records, historic construction records and other geotechnical related resources.

Prior to field reconnaissance, ENGINEER shall review U.S.G.S., S.C.S. and identify areas with problematic soil and groundwater conditions.

17.2 Structures

The ENGINEER shall be responsible for coordination of all geotechnical related fieldwork activities. The ENGINEER shall retain all samples until acceptance of 100% plans. Rock cores shall be retained as directed in writing by the COUNTY .

ENGINEER shall perform specialized field-testing as required by needs of project and as directed in writing by the COUNTY. All laboratory testing and classification will be performed in accordance with applicable COUNTY standards, ASTM Standards or AASHTO Standards, unless otherwise specified in the Contract Documents.

17.3 Detailed Boring Location Plan

Develop a detailed boring location plan. Meet with the COUNTY Project Manager for boring plan approval. If the drilling program expects to encounter artesian conditions, the ENGINEER shall submit a methodology(s) for plugging the borehole to the COUNTY for approval prior to commencing with the boring program.

17.4 Stake Borings/Utility Clearance

Stake borings and obtain utility clearance.

17.5 Drilling Access Permits

Obtain all State, County, City, and Water Management District permits for performing geotechnical borings, as needed.

17.6 Property Clearances

Notify property tenants in person of drilling and field activities, if applicable. Written notification to property owners/tenants is the responsibility of the COUNTY's Project Manager.

17.7 Collection of Corrosion Samples

Collect corrosion samples for determination of environmental classifications.

17.8 Coordination of Field Work

Coordinate all field work required to provide geotechnical data for the project.

17.9 Soil and Rock Classification – Structures

Soil profiles recorded in the field should be refined based on the results of laboratory testing.

17.10 Tabulation of Laboratory Data

Laboratory test results should be tabulated for inclusion in the geotechnical report and for the necessary calculations and analyses.

17.11 Selection of Foundation Alternatives (BDR)

Evaluation and selection of foundation alternative, including the following:

Prestressed concrete piling - various sizes
Drilled shafts

Foundation analyses shall be performed using approved Florida Department of Transportation methods for selection of the most economical, feasible foundation alternative.

17.12 Detailed Analysis of Selected Foundation Alternate(s)

Detailed analysis and basis for the selected foundation alternative. Foundation analyses shall be performed using approved Florida Department of Transportation methods and shall include:

For pile and drilled shaft foundations, provide graphs of ultimate axial soil resistance versus tip elevations. Calculate scour resistance and/or downdrag (negative skin friction), if applicable.

ENGINEER shall assist the Engineer of Record in preparing the Pile Data Table (including test pile lengths, scour resistance, downdrag, minimum tip elevation, etc.)

Provide the design soil profile(s), which include the soil model/type of each layer and all soil-engineering properties required to run the FBPIER computer program. Review lateral analysis of selected foundation for geotechnical compatibility.

Estimate maximum driving resistance anticipated for pile foundations.

Provide settlement analysis.

17.13 Bridge Construction and Testing Recommendations

Provide construction and testing recommendations including potential constructability problems.

17.14 Lateral Load Analysis

Perform lateral load analyses as directed by the COUNTY.

17.15 Soil Parameters for all Special Structures and Geotechnical Recommendations

Provide the design soil profile(s) that include the soil model/type of each layer and all soil properties required for foundation design. Review design for geotechnical compatibility and constructability.

17.16 Preliminary Report – BDR

The preliminary structures report shall include as a minimum the following:

- Copies of U.S.G.S. maps with project limits shown, summary of structure background data, USGS, geologic and potentiometric data. The results of all tasks discussed in the previous section (Data Interpretation and Analysis).

- Recommendations for foundation installation.

- Any special provisions required for construction that are not addressed in the FDOT's Standard specification.

- An Appendix which includes SPT and CPT boring/sounding profiles, data from any specialized field tests, engineering analysis, notes/sample calculations, sheets showing ultimate bearing capacity curves versus elevation for piles and drilled shafts, a complete FHWA check list, pile driving records (if available), and any other pertinent information.

17.17 Final Report – Bridge, Associated Walls/Bulkheads and Special Structures

The final Report as a minimum shall include the following:

- Copies of U.S.G.S. maps with project limits shown, summary of structure background data, USGS, geologic and potentiometric data. The results of all tasks discussed in the previous section.

- Recommendations for foundation installation.

- Any special provisions required for construction that are not addressed in the FDOT's Standard specification.

- An Appendix which includes SPT and CPT boring/sounding profiles, data from any specialized field tests, engineering analysis, notes/sample calculations, sheets showing ultimate bearing capacity curves versus elevation for piles and drilled

shafts, a complete FHWA check list, pile driving records (if available), and any other pertinent information.

Final reports will incorporate all comments and contained final conclusions and design parameters. These Reports shall include as a minimum:

- All original plan sheets (11" x 17")
- One set of all plan and specification documents, in electronic format, according to COUNTY requirements
- Two sets of record prints
- Six sets of any special provisions
- All reference and support documentation used in preparation of contract plans package
- Additional final reports (up to four), aside from stated above, may be needed and requested for the Project Manager and other disciplines. The final reports, special provisions, as well as record prints, will be signed and sealed by a Professional Engineer registered in the State of Florida.
- Draft the detailed boring/sounding standard sheet, including environmental classification, results of laboratory testing, and specialized construction requirements, for inclusion in final plans.

17.18 Drafting

Prepare a complete set of drawings to include all SPT borings and CPT soundings (including location of each), auger borings and other pertinent soils information in the plans. Include these drawings in the Final Geotechnical Report. Draft borings, location map, and U.S.D.A. map as directed by the COUNTY. Soil symbols must be consistent with those presented in the latest Florida Department of Transportation Soils and Foundations Handbook.

17.19 Technical Special Provisions

17.20 Field Reviews

Identify and note surface soil and rock conditions, surface water conditions and locations, and preliminary utility conflicts. Observe and note nearby structures and foundation types.

17.21 Technical Meetings

17.22 Quality Assurance/Quality Control

17.23 Supervision

17.24 Coordination

18 FINANCIAL PLANNING AND FUNDING STRATEGIES – Part B

The ENGINEER will review improvement options under consideration and the costs and benefits associated with each, taking into consideration key risks and cost drivers, such as bridge condition, right of way impact (if any), maintenance of traffic, etc., and options for phased replacement of the Venetian Causeway Bridges. Obtain input from the COUNTY regarding prioritization of individual bridge improvement projects.

Coordinate with the COUNTY and other potential funding partners, such as the Federal Highway Administration, the Florida Department of Transportation, the City of Miami, and the City of Miami Beach regarding ideas and opportunities for funding options. Obtain input through the project's public involvement program from residents, commuters using the causeway regularly, and other interested parties regarding the use of tolls or other special assessments as potential funding mechanisms. Identify funding currently programmed (if any) in the Metropolitan Planning Organization (MPO) Long Range Plan and Transportation Improvement Program (TIP) for Venetian Causeway improvements.

Develop a matrix of bridge replacement and repair costs along with a baseline estimate of available funding to assess the magnitude of the funding gap.

Based upon the input received from potential funding partners and stakeholders, experience in other similar projects, and the magnitude of the funding gap, develop alternative funding options, financing mechanisms, and business strategies to address the funding shortfall. The alternatives developed could affect the cost, phasing, and scope of the improvements and may involved contracting methods and risk sharing opportunities in the context of a public-private partnership. The results will be presented in a financial alternatives paper.

19 PROJECT REQUIREMENTS

19.1 Liaison Office

The COUNTY and the ENGINEER will designate a Liaison Office and a Project Manager who shall be the representative of their respective organizations for the Project. While it is expected the ENGINEER shall seek and receive advice from various state, regional, and local agencies, the final direction on all matters of this project remain with the COUNTY Project Manager.

19.2 Key Personnel

The ENGINEER's work shall be performed and directed by the key personnel identified in the proposal presentations by the ENGINEER. Any changes in the indicated personnel shall be subject to review and approval by COUNTY

19.3 Progress Reporting

The ENGINEER shall meet with the COUNTY as required and shall provide a written progress and schedule status reports that describe the work performed on each task. Progress and schedule status reports shall be delivered to the COUNTY concurrently with the monthly invoice. The Project Manager will make judgment on whether work of sufficient quality and quantity has been accomplished by comparing the reported percent complete against actual work accomplished.

19.4 Correspondence

Copies of all written correspondence between the ENGINEER and any party pertaining specifically to this contract shall be provided to the COUNTY for their records within one (1) week of the receipt or mailing of said correspondence.

19.5 Professional Endorsement

The ENGINEER shall have a Registered Professional Engineer in the State of Florida sign and seal all reports, documents, and plans as required by COUNTY standards.

19.6 Computer Automation

The project will be developed utilizing AutoCAD systems. It is the responsibility of the ENGINEER to meet the requirements in the COUNTY's CADD Standards. The ENGINEER will submit final documents and files as described therein.

19.7 Coordination with Other Consultants

The ENGINEER is to coordinate his work with any and all adjacent and integral ENGINEERs so as to effect complete and homogenous plans and specifications for the project(s) described herein.

19.8 Post Design Services

The ENGINEER shall provide post design services. The scope and fee for these services shall be negotiated at a later time.

MIAMI-DADE COUNTY

MIAMI-DADE PUBLIC WORKS DEPARTMENT SINGLE EXECUTION AFFIDAVITS AND CERTIFICATIONS

Project Title VENETIAN CAUSEWAY BRIDGE REPLACEMENT

Project Number E07-PW-02

COUNTY OF Miami-Dade

STATE OF Florida

Before me the undersigned authority appeared, OSIRIS QUINTANA (Print Name)

who is ~~personally known~~ to me or who has provided _____

as identification and who did (did not) take an oath, and who stated:

That he is the duly authorized representative of

TRIANGLE ASSOCIATES INC.

(Name of Firm/Respondent)

14100 PALMETTO FRONTAGE ROAD, #390, MIAMI LAKES, FL, 33016

(Address of Firm/Respondent)

hereinafter referred to as the contracting entity being its

PRESIDENT

(Sole Proprietor)(Partner)(President or Other Authorized Officer)

and as such has full authority to make these affidavits/certifications and say as follows.

DISCLOSURE AFFIDAVIT FOR MIAMI-DADE COUNTY
PART I

That the information given herein and in the documents attached hereto is true and correct.

1. The full legal name and business address* of the person or entity contracting or transacting business with Miami-Dade County is:

TRIANGLE ASSOCIATES INC.
14100 PALMETTO FRONTAGE ROAD, SUITE 390
MIAMI LAKES, FLORIDA 33016

2. If the contract or business transaction is with a Corporation**, provide the full legal name and business address* and title for each officer.

OSIRIS QUINTANA, PRESIDENT
14100 PALMETTO FRONTAGE ROAD, SUITE 390
MIAMI LAKES, FLORIDA 33016

3. If the contract or business transaction is with a Corporation**, provide the full legal name and business address* for each director.

NONE

4. If the contract or business transaction is with a Corporation**, provide the full legal name and business address* for each stockholder who holds directly or indirectly five percent (5%) or more of the corporation's stock and state the percentage.

OSIRIS QUINTANA
14100 PALMETTO FRONTAGE ROAD, SUITE 390
MIAMI LAKES, FLORIDA 33016

5. If the contract or business transaction is with a Trust, provide the full legal name and address* for each trustee and each beneficiary. All such names and addresses are:

NA

DISCLOSURE AFFIDAVIT FOR MIAMI-DADE COUNTY
PART I (Cont'd)

6. The full legal name and business addresses* of any other individuals (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:

NONE

7. If a Corporate Joint Venture, list the names and titles of the Officers of the Corporate Members of the Joint Venture: NA

(a) President: _____ (b) President: _____

Vice-Pres: _____ Vice-Pres: _____

Secretary: _____ Secretary:

Treasurer: _____ Treasurer: _____

8. If a Non-Corporate Partnership or Joint Venture, list the names of the Principals of the Non-Corporate Partnership or Joint Venture: NA

(c) _____ (Name) (d) _____ (Name)

(c) _____ (Title) (d) _____ (Title)

9. State whether the person or entity contracting or transacting business with Miami-Dade County has a collective bargaining agreement with its employees (Yes/No): NO

10. State whether the entity provides company paid health care benefits to be paid to employees (Yes/No: YES.

11. Attach a list reflecting the current breakdown of the entity's work force as to race, national origin or gender. SEE ATTACHED "STATISTICAL WORKFORCE ANALYSIS"

(ADD EXTRA SHEETS IF NEEDED

* **Post Office Box addresses not acceptable.**

** **If a Joint Venture, list this information for each member of the Joint Venture**

Miami-Dade County, Florida
Department of Business Development
"Statistical Workforce Analysis"

Complete the following information for all permanent full-time employees. Enter the appropriate figures on all lines and in all columns. Blank spaces will be considered as zeros.

Name of Firm:	Triangle Associates, Inc.				☒ Corporate Office
Location:	14100 Palmetto Frontage Rd., Suite 390, Miami Lakes, Fl 33016				☐ Miami Office
Contact Name:	Osiris Quintana, P.E.				
Telephone:	305 817 8443	**Facsimile:**	305 817 8471	**E-mail:**	oquintana@triangleassociates.cc

Job Categories	Total Number per Job Category	Racial/Ethnic Group Status											
		White		Black		Hispanic		Other		Combined Totals			
		M	F	M	F	M	F	M	F	W	B	H	O
Officials and Managers							3					3	
Professionals		1		1		5	5			1	1	10	
Technicians						2						2	
Sales Workers													
Office and Clerical							2					2	
Craft Workers (skilled)													
Operatives (semi-skilled)													
Laborers (unskilled)													
Service Workers													
Total							10			1	1	17	

Osiris Quintana, P.E
Affirmative Action Officer Name

Signature

7/29/08
Date

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DISCLOSURE AFFIDAVIT FOR MIAMI-DADE COUNTY
PART II (Cont'd)

LIST ALL PROFESSIONAL SERVICES AGREEMENTS IN EFFECT WITH MIAMI DADE COUNTY DURING THE LAST FIVE (5) YEARS:

AGREEMENT DATE	DOLLAR AMOUNT OF ORIG.AGREEMENT	FINAL AMT. OF AGREEMENT	PERCENTAGE DIFFERENTIAL
(1) 8/28/01	$ 500,000	$ 500,000	0 %

Name of Dept. & Summary of Professional Services performed: Miami-Dade Housing (PRIME) #E99-MDHA-01 - Misc. Engineering Professional Services

Litigation Arising out of Agreement:

(2) 3/12/03	$ 113,502	$ 146,906	29. %

Name of Dept. & Summary of Professional Services performed: Aviation Department (PRIME). Construction Inspection Services (CIS). Required to succesfully complete the exterior repairs and paint to Buildings 707 and 708, MIA.

Litigation Arising out of Agreement:

(ADD EXTRA SHEET(S) IF NEEDED.)

LIST ALL PROFESSIONAL SERVICES AGREEMENTS IN EFFECT WITH MIAMI DADE COUNTY DURING THE LAST FIVE (5) YEARS:

AGREEMENT DATE	DOLLAR AMOUNT OF ORIG.AGREEMENT	FINAL AMT. OF AGREEMENT	PERCENTAGE DIFFERENTIAL
(1) 10/21/04.	$ 456,104.90	$ 537,104.90	17%

Name of Dept. & Summary of Professional Services performed: Public Works /Road & Bridge (PRIME). #20040585 - Venetian Causeway inspection report.

Litigation Arising out of Agreement:

(2) 10/01/05	$ 150,000	$ 150,000	0 %

Name of Dept. & Summary of Professional Services performed: DERM (Environmental Resources Management) PRIME. Project EOP-DE-693945 - Field Inspector For S.W 139th Avenue Capital Drainage Improvement.

Litigation Arising out of Agreement:

(ADD EXTRA SHEET(S) IF NEEDED.)

DISCLOSURE AFFIDAVIT FOR MIAMI-DADE COUNTY
PART II (Cont'd)

LIST ALL PROFESSIONAL SERVICES AGREEMENTS IN EFFECT WITH MIAMI DADE COUNTY DURING THE LAST FIVE (5) YEARS:

AGREEMENT DATE	DOLLAR AMOUNT OF ORIG.AGREEMENT	FINAL AMT. OF AGREEMENT	PERCENTAGE DIFFERENTIAL
(1) 2/17/06	$3,872,639.	$3,872,639	0 %

Name of Dept. & Summary of Professional Services performed: WASD (Sub-Consultant of Hazen and Sawyer, P.C). South District WWTP High Level Disinfection Project HLD Detail Design improvements.

Litigation Arising out of Agreement:

(2) 2006	$750,000	$750,000	0 %

Name of Dept. & Summary of Professional Services performed: Public Works EOS-OCI-02, C Construction Engineering Services

Litigation Arising out of Agreement:

(ADD EXTRA SHEET(S) IF NEEDED.)

DISCLOSURE AFFIDAVIT FOR MIAMI-DADE COUNTY
PART II (Cont'd)

LIST ALL PROFESSIONAL SERVICES AGREEMENTS IN EFFECT WITH MIAMI DADE COUNTY DURING THE LAST FIVE (5) YEARS:

AGREEMENT DATE	DOLLAR AMOUNT OF ORIG.AGREEMENT	FINAL AMT. OF AGREEMENT	PERCENTAGE DIFFERENTIAL
(1) 10/2007)	$ 269,393	$ 269,393	0 %

Name of Dept. & Summary of Professional Services performed: Public Works. #20070757_Venetian Causeway Bridge Rehabilitatio Design Reparrs.

Litigation Arising out of Agreement:

(2) ____	$_____	$_____	____%

Name of Dept. & Summary of Professional Services performed:

Litigation Arising out of Agreement:

(ADD EXTRA SHEET(S) IF NEEDED.)

DISCLOSURE AFFIDAVIT FOR MIAMI-DADE COUNTY
PART III

A. How long has firm been in business? 12 YEARS

B. Has the firm, or the principals of the firm, ever done business under another name or with another firm? NO
If so, attach separate sheet(s) listing same information as in parts I, II and III of this affidavit.

C. List firm's private sector business for the last five (5) years:

	NAME OF CLIENT	DESCRIPTIVE TITLE OF PROJECT
(1)	BEGGO, LLC	GUADALUPE SHOPPING CENTER HOMESTEAD, FLORIDA
(2)	BEGGO, LLC	MAYA SHOPPING PLAZA HOMESTEAD, FLORIDA
(3)	JOSE A. ALVAREZ	CUTLER PLAZA MIAMI, FLORIDA
(4)		
(5)		

(ADD EXTRA SHEET(S) IF NEEDED.)

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

1. I understand that a "public entity crime" as defined in Paragraph 287.133(1) (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 contendere.

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 controls another person. A person who knowingly enters into a joint venture with a 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 agents 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 convicted vendor list. **[Please describe any action taken by or pending with the Florida Department of General Services.]**

MIAMI-DADE COUNTY DEPARTMENT DISCLOSURE AFFIDAVIT

Ordinance No. 93-129, as amended by Ordinance No. 00-18, is applicable to any provider of goods or services to the County who has a debarment history of poor performance on County Contracts or who have by their commission of crimes or the rendition of civil judgements, shown a lack of honesty and integrity.

Pursuant to Ordinance No. 00-18, the terms "vendor" and "consultant" have the same meaning as "contractor" and "subconsultant" has the same meaning as "subcontractor."

The Consultant shall comply with Miami-Dade County Ordinance No. 93-129 as amended by Ordinance No. 00-18, which prevents contractors, subcontractors, their officers, their principals, stockholders, and their affiliates who have been debarred by the County, from entering into contracts with the County during the period for which they have been debarred. Debarment may also constitute grounds for termination of any existing County contract.

It is the Consultant's responsibility to ascertain that none of the subcontractors, their officers, principals or affiliates, as defined in the ordinance, are debarred by the County pursuant to Ordinance No. 93-129 as amended by Ordinance No. 00-18 and Administrative Order 3-2 before submitting a proposal.

The Disclosure Affidavit pursuant to Ordinance No. 93-129 as amended by Ordinance No. 00-18 requires the Consultant to affirm, under oath, that neither the Consultant, its subcontractors, or their officers, principals or affiliates, as defined in the ordinance, are debarred by the County at the time of the response.

Any Consultant who fails to complete the Disclosure Affidavit pursuant to Ordinance No. 93-129, as amended, shall not be awarded a Contract with the County. Any contract or transaction entered into in violation of Ordinance No. 93-129 as amended by Ordinance No. 00-18 is void, and any person who willfully fails to disclose the required information or who knowingly discloses false information can be punished by civil or criminal penalties, or both, as provided for in the law.

Consultants shall also comply with Miami-Dade County Ordinance Nos. 93-137 which provides for penalties for any entity attempting to meet contractual obligations through fraud, misrepresentation, or material misstatement. In addition, the County shall, whenever practicable, terminate the contract. The County may also terminate or cancel any other contracts which such entity has with the County.

Pursuant to Ordinance No. 97-52, any entity attempting to comply with this Ordinance through fraud, misrepresentation or material misstatement may be debarred.

Consultant or his agents, officers, principals, stockholders, subcontractors or their affiliates shall affirm that they are not debarred by Miami- Dade County.

CRIMINAL RECORD AFFIDAVIT

Pursuant to Ordinance No. 94-34, as amended by Ordinance No. 00-30, failure to disclose convictions may result in debarment for those persons or entities who knowingly fail to make the required disclosure or falsify information.

Above named Firm/Respondent, as of the date of bid/proposal submission:

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

CURRENT IN OBLIGATIONS TO THE COUNTY AFFIDAVIT

Pursuant to Ordinance 99-162, as amended by Ordinance 00-67, Resolution R-531-00 and Administrative Order 3-29, all contracts, business transactions and renewals thereof with the County shall require the individual or entity seeking to transact business with the County to verify that the individual or entity is current in the obligations to the County and is not otherwise in default of any County contract. Any contract or transaction entered into in violation of this Ordinance shall be voidable.

Further, 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.

Above named Firm/Respondent, as of the date of bid submission, verifies that the individual or entity is current in its obligations to the County and is not otherwise in default of any County contract.

DISABILITY NONDISCRIMINATION CERTIFICATION

That the above named entity is in compliance with and agrees to continue to comply with, and assure 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.

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. Section 1612
The Fair Housing Act as amended, 42 U.S.C. Section 3601-3631
Miami-Dade County Resolution No. R-385-95.

Any contract entered into based upon a false certification submitted pursuant to resolution No. R-385-95 shall be voidable by the County. If any attesting firm violates any of the Acts during the term of any contract such firm has with the County, such contract shall be voidable by the County, even if the attesting firm was not in violation at the time it submitted its certification.

Pursuant to Resolution No. R-385-95, as amended by Resolution No. R-182-00, failure of the certifying firm to comply with the requirements of the Resolution may result in the debarment of those who knowingly violate the policy or falsify information.

FAMILY LEAVE PLAN CERTIFICATION

That in compliance with Ordinance No. 93-118 which amended Ordinance No. 91-142 of the Code of Miami Dade County, Florida, the above named entity provides the following information and is in compliance with all items in the aforementioned ordinance.

Employees, as defined in Section 2, Ordinance No. 93-118 and Chapter 11A of the Miami Dade County Code, shall be entitled to take leave on the same terms and conditions as are provided by Sections 102, 103, 104 and 108 of the Family and Medical Leave Act of 1993 (FMLA), Public Law No. 103-3, and any amendments thereto, with the exception of the following:

(a) An employee may also take leave under the ordinance to care for a grandparent with a serious health condition on the same terms and conditions as leave is permitted under the FMLA to care for a parent with a serious health condition.
(b) Employers are not required by the ordinance to maintain coverage under any group health plan for the duration of an employee's leave.
(c) Nothing in this ordinance shall be construed to affect any employee benefit plan that the employer may otherwise provide.

Pursuant to Ordinance No. 93-118, and Section 102 (Leave Requirements), Entitlement to Leave-Subject to section 103, an eligible employee shall be entitled to a total of 12 workweeks of leave during any 12-month period for one or more of the following:

(a) Because of the birth of a son or daughter of the employee and in order to care for such son or daughter.
(b) Because of the placement of a son or daughter with the employee for adoption or foster care.
(c) In order to care for the spouse, or a son, daughter, or parent, of the employee, if such spouse, son, daughter, or parent has a serious health condition.
(d) Because of a serious health condition that makes the employee unable to perform the functions of the position of such employee.

Pursuant to Ordinance No. 91-142, as amended by Ordinance No. 93-118 and Resolution Nos. R-1499-91 and R-183-00, successful bidders and proposers who are employers covered by the Family Leave Ordinance shall, as a condition of award, certify that they provide family leave to their employees as required by such ordinance. The obligation to provide family leave to their employees shall be a contractual obligation. Failure to comply with the requirements of this section may result in debarment.

DOMESTIC LEAVE CERTIFICATION

Pursuant to Ordinance No. 99-5 and Resolution No. R-185-00, prior to entering into any contract with the County, a firm desiring to do business with the County, shall as a condition of award, certify that the firm is in compliance with the Domestic Leave Ordinance No. 99-5. The obligation to provide domestic violence leave to their employees shall be a contractual obligation. Failure to comply with the requirements of Resolution No. R-185-00, as well as the Domestic Leave Ordinance, may result in the contract being declared void, the contract being terminated and/or the firm being debarred.

The entity named above certifies that the firm is in compliance with the Domestic Leave Ordinance, Ordinance No. 99-05.

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.

DRUG-FREE WORK PLACE CERTIFICATION

The entity named above certifies that the firm will provide a drug free workplace in compliance with Section 2-8.1.2 of the Code of Miami-Dade County as amended by Miami-Dade County Ordinance 00-30.
Pursuant to Ordinance No. 92-15, as amended by Ordinance No. 00-30, failure to comply with the policies in these Ordinances may result in debarment for those persons.

CODE OF BUSINESS ETHICS CERTIFICATION

In accordance with Resolution R-994-99 each person or entity that seeks to do business with Miami-Dade County shall adopt the Miami-Dade County/Greater Miami Chamber of Commerce Code of Business Ethics as follows:

The Miami-Dade County/Greater Miami Chamber of Commerce seeks to create and sustain an ethical business climate for its members and the community by adopting a Code of Business Ethics. Miami-Dade County/Greater Miami Chamber of Commerce encourages its members to incorporate the principles and practices outlined here in their individual codes of ethics, which will guide their relationships with customers, clients and suppliers. This Model Code can and should be prominently displayed at all business locations and may be incorporated into marketing materials. Miami-Dade County/Greater Miami Chamber of Commerce believes that its members should use this Code as a model for the development of their organizations' business codes of ethics.

This Model Code is a statement of principles to help guide decisions and actions based on respect for the importance of ethical business standards in the community. Miami-Dade County/Greater Miami Chamber of Commerce believes the adoption of a meaningful code of ethics is the responsibility of every business and professional organization.

By affixing a signature on this Single Execution Condition of Award Certification, the Contractor hereby agrees to comply with the principles of Miaml-Dade County/Greater Miami Chamber of Commerce Code of Business Ethics. If the Contractor firm's code varies in any way, the Contractor must identify the difference(s) on separate documents attached to this Single Execution Condition of Award Certification.

Compliance with Government Rules and Regulations

- We the undersigned Contractor will properly maintain all records and post all licenses and certificates in prominent places easily seen by our employees and customers.

- In dealing with government agencies and employees we will conduct business in accordance with all applicable rules and regulations and in the open.

- We, the undersigned Contractor will report contract irregularities and other improper or unlawful business practices to the Ethics Commission, the Office of Inspector General or appropriate law enforcement authorities.

Recruitment, Selection and Compensation of Contractors, Consultants, Vendors, and Suppliers

- We, the undersigned Contractor will avoid conflicts of interest and disclose such conflicts when identified.

- Gifts that compromise the integrity of a business transaction are unacceptable; we will not kick back any portion of a contract payment to employees of the other contracting party or accept such kickback.

Business Accounting

- All our financial transactions will be properly and fairly recorded in appropriate books of account,and there will be no "off the books" transactions or secret accounts.

Promotion and Sales of Products and Services

- Our products will comply with all applicable safety and quality standards.

- We, the undersigned Contractor will promote and advertise our business and its products or services in a manner that is not misleading and doer, not falsely disparage our competitors.

- We, the undersigned Contractor will conduct business with government agencies and employees in a manner that avoids even the appearance of impropriety. Efforts to curry political favoritism are unacceptable.

- Our proposal will be competitive, appropriate to the request for proposals/qualifications documents and arrived at independently.

- Any changes to contracts awarded will have a substantive basis and not be pursued merely because we are the successful Contractor.

- We, the undersigned Contractor will, to the best of our ability, perform government contracts awarded at the price and under the terms provided for in the contract. We will not submit inflated invoices for goods provided or

services performed under such contracts, and claims will be made only for work actually performed. We will abide by all contracting and subcontracting regulations.

- We, the undersigned Contractor will not, directly or indirectly, offer to give a bribe or otherwise channel kickbacks from contracts awarded, to government officials, their family members or business associates.

- We, the undersigned Contractor will not seek or expect preferential treatment on proposals based on our participation in political campaigns.

Public Life and Political Campaigns

- We, the undersigned Contractor encourage all employees to participate in community life, public service and the political process to the extent permitted by law.

- We, the undersigned Contractor encourage all employees to recruit, support and elect ethical and qualified public officials and engage them in dialogue and debate about business and community issues to the extent permitted by law.

- Our contributions to political parties, committees or individuals will be made only in accordance with applicable laws and will comply with all requirements for public disclosure. All contributions made on behalf of the business must be reported to senior company management.

- We, the undersigned Contractor will not contribute to the campaigns of persons who are convicted felons or those who do not sign the Fair Campaign Practices Ordinance.

- We, the undersigned Contractor will not knowingly disseminate false campaign information or support those who do.

Pass-through Requirements

- This Code prohibits pass-through payments whereby the prime firm requires that the MBE firm accepts payments as an MBE and passes through those payments to another entity.

Rental Space, Equipment and Staff Requirements or Flat Overhead Fee Requirements

- This Code prohibits rental space requirements, equipment requirements, staff requirements and/or flat overhead fee requirements, whereby the prime firm requires the MBE firm to rent space, equipment and/or staff from the prime firm or charges a flat overhead fee for the use of space, equipment, secretary, etc.

MBE Staff Utilization

- This Code prohibits the prime firm from requiring the MBE firm to provide more staff then is necessary and then utilizing the MBE staff for other work to be performed by the prime firm.

This Code also requires that on any contract where MBE participation is purported, the contract shall specify essential terms including, but not limited to, a specific statement regarding the percent of participation planned for MBEs, the timing of payments and when the work is to be performed.

DEPARTMENT OF BUSINESS DEVELOPMENT
AFFIRMATIVE ACTION PLAN SECTION

ORDINANCE NO. 98-30
AAP/PP AFFIDAVIT

Pursuant to Miami-Dade County's Ordinance No. 98-30, Section 2-8.1.5, entities with annual gross revenues in excess of $5,000,000 seeking to contract with the County shall as a condition of receiving a County contract have: 1) a written affirmative action plan which sets forth the procedures the entity utilizes to assure that it does not discriminate in its employment and promotion practices: and 2) a written procurement policy which sets forth the procedures the entity utilizes to assure that it does not discriminate against minority - and women – owned businesses in its own procurement of goods, supplies and services. Such affirmative action plans and procurement policies shall provide for periodic review to determine their effectiveness in assuring the entity does not discriminate in its employment, promotion and procurement practices. The foregoing not withstanding, corporate entities whose board of directors are representative of the population make-up of the nation shall be presumed to have non-discriminatory employment and procurement policies, and shall not be required to have written affirmative action plans and procurement policies in order to receive a County contract. The foregoing presumption may be rebutted. The requirements of this section may be waived upon written recommendation of the County Manager that it is in the best interest of the County to do so and approval of the County Commission by majority vote of the members present.

Based on the above, please check the appropriate space below, and complete the affidavit as directed:

X My firm provides engineering, architectural, landscape architectural, land surveying and mapping services. My firm has forwarded our affirmative action to the Department of Business Development for review.

_____ My firm has annual gross revenues in excess of $5,000,000. My firm's affirmative action plan and procurement policy has been forwarded to the Department of Business Development for review.

_____ My firm has annual gross revenues less than $5,000,000. Therefore, Ordinance No. 98-30 is not applicable.

_____ My firm has a Board of Directors which is representative of the population make-up of the nation. (Complete the following Affirmative Action Plan exemption affidavit)

If at any time the Department of Business Development (DBD) has reason to believe that any person or firm has willfully and knowingly provided incorrect information or made false statements, DBD may refer the matter to the State Attorney's Office and/or other investigative agencies. DBD may initiate debarment and/or pursue other legal remedies in accordance with Miami-Dade County policy and/or applicable federal, state and local laws.

The undersigned swears that the foregoing statements are true and correct. If after executing this affidavit there are any changes in the information submitted, the undersigned agrees to immediately inform DBD of such changes in writing.

For Questions regarding these requirements contact the Department of Business Development at (305) 349-5960

AFFIRMATIVE ACTION PLAN EXEMPTION AFFIDAVIT

Project No.: E07-PW-2 Date: 7/29/2008
Project Title: VENETIAN CAUSEWAY BRIDGE REPLACEMENT

STATE OF FLORIDA)
ss
COUNTY OF MIAMI-DADE)

Before me, the undersigned authority, authorized to administer oaths and take acknowledgments, personally appeared: OSIRIS QUINTANA after being first dully sworn, upon oath deposes and says that he is an authorized representative of:

TRIANGLE ASSOCIATES INC.
(Legal name, Corporation, Partnership, Firm, Individual)

hereinafter called Firm/Respondent) located at MIAMI LAKES, FLORIDA (address, city, state)
14100 PALMETTO FRONTAGE RD. SUITE 390

and, that said Firm/Respondent has a Board of Directors which is representative of the population make-up of the nation and hereby claims exemption in accordance with the requirements of Ordinance 98-30. Said respondent has a current Board of Directors Disclosure form as required by Ordinance 98-30, processed and approved for filing with Miami-Dade County Department of Business Development (DBD) under File No. 1049-93 and the expiration date of 6/30/2009

Witness: Martha Casadiego (Signature)
Witness: (Signature)

By (Signature)
OSIRIS QUINTANA, PRESIDENT
(Legal Name and Title)

The foregoing instrument was acknowledged before me this 29 day of July 2008

FOR A CORPORATION, PARTNERSHIP, OR JOINT VENTURE:

by: TRIANGLE ASSOCIATES INC. having the title of CORPORATION PRESIDENT
( ) a ✓ corporation ( ) partnership ( ) joint venture
He/She is (✓) personally known to me, or
( ) has produced _____ As identification.

Notary Seal: KEITH CECILIA RUEDA MY COMMISSION # DD 780124 EXPIRES: April 20, 2012 Bonded Thru Notary Public Underwriters

Notary Signature: Keith
Type or print name: Keith C. Rueda

Please note:
Ordinance 82-37 requires that all properly licensed architectural, engineering, landscape architectural, and land surveyors have an affirmative action plan on file with the County.

Ordinance 98-30 requires firms with annual gross revenues in excess of five (5) million dollars have an affirmative action plan/procurement policy on file with the County. Firms that have Boards of Directors that are representative of the population make-up of the nation are exempt.

For Questions regarding these requirements contact the Department of Business Development at (305) 349-5960

This affidavit must be properly executed by the respondent and included in the proposal/bid.

FAIR SUBCONTRACTING POLICIES CERTIFICATION (ORDINANCE 97-35)

All selected proposers on County contracts in which subcontractors may be used shall be subject to and comply with Ordinance 97-35 as amended, requiring proposers to provide a detailed statement of their policies and procedures for awarding subcontracts which:

a) notifies the broadest number of local subcontractors of the opportunity to be awarded a subcontract;
b) invites local subcontractors to submit bids/proposals in a practical, expedient way;
c) provides local subcontractors access to information necessary to prepare and formulate a subcontracting bid/proposal;
d) allows local subcontractors to meet with appropriate personnel of the proposer to discuss the proposer's requirements; and
e) awards subcontracts based on full and complete consideration of all submitted proposals and in accordance with the proposer's stated objectives.

All proposers seeking to contract with the County shall, as a condition of award, provide a statement of their subcontracting policies and procedures. Proposers who fail to provide a statement of their policies and procedures may not be recommended by the County Manager for award by the Board of County Commissioners.

The term "local" means having headquarters located in Miami-Dade County or having a place of business located in Miami-Dade County from which the contract or subcontract will be performed.

The term "subcontractor" means a business independent of a Proposer that may agree with the Proposer to perform a portion of a contract.

The term "subcontract" means an agreement between a Proposer and a subcontractor to perform a portion of a contract between the Proposer and the County.

REQUIRED LISTING OF SUBCONTRACTORS AND SUPPLIERS ON COUNTY CONTRACTS CERTIFICATION:

In accordance with Ordinance 97-104, amended by Ordinance 00-30, all successful bidders and proposers on County contracts for purchases of supplies, materials or services, including professional services, which involve the expenditures of $100,000 or more and all bidders or proposers on County or Public Health Trust construction contracts which involve the expenditure of $100,000 or more shall provide, as a condition of award, a listing which identifies all first tier subcontractors who will perform any part of the contract work and describes the portion of the work such subcontractor will perform, and all suppliers who will supply materials for the contract work direct to the bidder or proposer and describes the materials to be so supplied. Failure to comply with this policy may result in debarment.

A bidder or proposer who is awarded the contract shall not change or substitute first tier subcontractors or direct suppliers or the portions of the work to be performed or materials to be supplied fr0om those identified in the listing provided except upon written approval by the County.

FALSE CLAIMS ORDINANCE AFFIDAVIT

The purpose of the Miami-Dade County False Claims Ordinance No. 99-152 is to deter persons from knowingly causing or assisting in causing the County to pay claims that are false, fraudulent, or inflated, and to provide remedies for obtaining damages and civil penalties of the County when money is sought or obtained from the County by reason of a false claim. "Claim" means any invoice, statement, request, demand, lawsuit, or action under contract or otherwise for money, property or services made to any employee, officer, or agent of the County, or to any contractor, grantee, or other recipient if any portion of the money, property, or services requested or demanded was issued from or was provided by the County (hereinafter "County funds")

Additionally, Management shall maintain a final bid takeoff, that is, the final estimate, tabulation, or worksheet prepared by the bidder in anticipation of the bid submitted and which shall reflect the final bid price. The final bid takeoff shall contain a line item for allocation of overhead costs. The final bid takeoff is a condition precedent to submitting a claim under the Contract Any violation of this ordinance may result in the sanctions provided for in the ordinance, including debarment.

This single execution shall have the same force and effect as if each of the above affidavits had been individually executed.

The applicable affidavits pertaining to Architectural/Engineering Services, RFQ's, RFP's, and Bids will apply accordingly.

By: _____
Signature of Affiant

OSIRIS QUINTANA-PRESIDENT — 65-0671382
Printed Name of Affiant and Title — Federal Employment Identification Number

SUBSCRIBED AND SWORN TO (or affirmed) before me this 29 day of July, 2008
He/She is personally known to me or has presented _____ as identification.
Type of identification

_____ — DD780124
Signature of Notary — Serial Number

Keith C. Rueda — April 20, 2012.
Print or Stamp Name of Notary — Expiration Date

Notary Public - State of

Notary Seal

KEITH CECILIA RUEDA
MY COMMISSION # DD 780124
EXPIRES: April 20, 2012
Bonded Thru Notary Public Underwriters

ARCHITECTURE & ENGINEERING UTILIZATION REPORT

☐ MONTHLY REPORT (PARTS 1A & 1B) ☐ FINAL REPORT (PARTS 1A, 2 & 3)

DBD DEPARTMENT OF BUSINESS DEVELOPMENT

PARTS 1A & 1B This part is to be completed by the Prime Consultant and forwarded to the User Department

This report is required by Miami-Dade County. Failure to comply may result in MDC commencing proceedings to impose sanctions on the successful bidder, in addition to pursuing any other available legal remedy. Sanctions may include the suspension of any payment or part thereof, termination or cancellation of the contract, and the denial to participate in any further contracts awarded by MDC. Pursuant to Florida Statues (F.S.) 837.06, whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of their official duty shall be guilty of a misdemeanor of the second degree, punishable as provided in F.S. 755.082, F.S. 755.083 and F.S. 755.084.

A

REPORTING PERIOD		PROJECT NAME		PROJECT NO.	
FROM:		PROJECT LOCATION		NTP DATE	
TO:		USER DEPARTMENT			
		USER DEPT. PROJ. MANAGER		PHONE	FACSIMILE
AMOUNT REQUISITIONED THIS PERIOD	$ -	AMOUNT REQUISITIONED TO DATE		AMOUNT PAID TO DATE	
AMOUNT SUBS REQUISITIONED THIS PERIOD	$ -	AMOUNT SUBS REQUISITIONED TO DATE		AMOUNT PAID TO SUBS TO DATE	

PRIME CONTRACTOR		CONTRACT AWARD		CHANGE ORDER MODIFICATION AMOUNT	ADDITIONAL SERVICES AMOUNT
		DATE	AGREEMENT AMOUNT		
NAME OF FIRM					
ADDRESS		SCHEDULE COMPLETION DATE		PERCENTAGE OF CONTRACT COMPLETED	
TELEPHONE	FACSIMILE	PROJECT MANAGER (PRIME CONTR.)			

B SUBCONSULTANTS

NAME OF SUBCONSULTANT	AGREEMENT AMOUNT	DESCRIPTION OF WORK	GOAL (IF APPLICABLE) %	$ AMOUNT SUB REQUISITIONED THIS PERIOD	AMOUNT PAID TO SUB TO DATE	ACTUAL STARTING DATE	SCHEDULED COMPLETION DATE

AUTHORIZED SIGNATURE OF PRIME CONTRACTOR	PRINT NAME	TITLE	DATE
		Project Manager	

COUNTY USE This part is to be completed by the User Department and forwarded to DBD upon approval.

AUTHORIZED SIGNATURE OF PROJECT MANAGER	PRINT NAME	DATE

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ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 7/29/2008

PRODUCER (305)714-4400 FAX: (305)714-4401
HBA INSURANCE GROUP/BROWN & BROWN, INC.
2500 NW 79th Avenue
Suite# 101
Miami FL 33122

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Continental Casualty Co.	20443
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	

INSURED
Triangle Associates Inc.
14100 Palmetto Frontage Rd
390 - Miami Lakes FL 33016

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
		GENERAL LIABILITY				EACH OCCURRENCE	$
		COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence)	$
		CLAIMS MADE / OCCUR				MED EXP (Any one person)	$
						PERSONAL & ADV INJURY	$
						GENERAL AGGREGATE	$
		GEN'L AGGREGATE LIMIT APPLIES PER: POLICY / PRO-JECT / LOC				PRODUCTS - COMP/OP AGG	$
		AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident)	$
		ANY AUTO					
		ALL OWNED AUTOS				BODILY INJURY (Per person)	$
		SCHEDULED AUTOS					
		HIRED AUTOS				BODILY INJURY (Per accident)	$
		NON-OWNED AUTOS					
						PROPERTY DAMAGE (Per accident)	$
		GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	$
		ANY AUTO				OTHER THAN AUTO ONLY: EA ACC	$
						AGG	$
		EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE	$
		OCCUR / CLAIMS MADE				AGGREGATE	$
							$
		DEDUCTIBLE					$
		RETENTION $					$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATU-TORY LIMITS / OTH-ER	
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT	$
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE	$
						E.L. DISEASE - POLICY LIMIT	$
A		OTHER PROF/LIABILITY	AEH114126929	6/18/2008	6/18/2009	GENERAL AGGREGATE	5,000,000
						DED	15000

APPROVED AS TO INSURANCE REQUIREMENTS
Risk Management Division
Date 08/04/08

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS
30 days except 10 days notice of cancellation for non payment

CERTIFICATE HOLDER

MIAMI-DADE COUNTY
PUBLIC WORKS DEPARTMENT-
HIGHWAY DIVISION STEPHEN CLARK CENTER
111 NW 1ST STREET
SUITE 1510
MIAMI, FL 33128-1970

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL *30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
H INSURANCE GROUP/NC1

IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

CERTIFICATE OF INSURANCE

SUCH INSURANCE AS RESPECTS THE INTEREST OF THE CERTIFICATE HOLDER NAMED BELOW WILL NOT BE CANCELED OR OTHERWISE TERMINATED WITHOUT GIVING 10 DAYS PRIOR WRITTEN NOTICE TO THE CERTIFICATE HOLDER, BUT IN NO EVENT SHALL THIS CERTIFICATE BE VALID MORE THAN 30 DAYS FROM THE DATE WRITTEN. THIS CERTIFICATE OF INSURANCE DOES NOT CHANGE THE COVERAGE PROVIDED BY ANY POLICY DESCRIBED BELOW.

This certifies that:
- ☒ STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY of Bloomington, Illinois
- ☐ STATE FARM FIRE AND CASUALTY COMPANY of Bloomington, Illinois
- ☐ STATE FARM COUNTY MUTUAL INSURANCE COMPANY OF TEXAS of Dallas, Texas
- ☐ STATE FARM INDEMNITY COMPANY of Bloomington, Illinois, or
- ☐ STATE FARM GUARANTY INSURANCE COMPANY of Bloomington, Illinois

has coverage in force for the following Named Insured as shown below:

NAMED INSURED: TRIANGLE ASSOCIATES, INC.

ADDRESS OF NAMED INSURED: 14100 PALMETTO FRONTAGE RD, SUITE 390, MIAMI LAKES, FL 33016

POLICY NUMBER	337 1579			
EFFECTIVE DATE OF POLICY	07/29/08-01/29/09			
DESCRIPTION OF VEHICLE (Including VIN)	2002 TOYOTA TACOMA 5TEPM62N82Z097742			
LIABILITY COVERAGE	☒ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO
LIMITS OF LIABILITY a. Bodily Injury Each Person				
Each Accident				
b. Property Damage Each Accident				
c. Bodily Injury & Property Damage Single Limit Each Accident	1,000,000			
PHYSICAL DAMAGE COVERAGES a. Comprehensive	☐ YES ☐ NO $ Deductible	☐ YES ☐ NO $ Deductible	☐ YES ☐ NO $ Deductible	☐ YES ☐ NO $ Deductible
b. Collision	☐ YES ☐ NO $ Deductible	☐ YES ☐ NO $ Deductible	☐ YES ☐ NO $ Deductible	☐ YES ☐ NO $ Deductible
EMPLOYERS NON-OWNED CAR LIABILITY COVERAGE	☒ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO
HIRED CAR LIABILITY COVERAGE	☒ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO
FLEET - COVERAGE FOR ALL OWNED AND LICENSED MOTOR VEHICLES	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO

APPROVED AS TO INSURANCE REQUIREMENTS
Risk Management Division
Date 08/04/08

Signature of Authorized Representative	Title	Agent's Code Number	Date
	AGENT	59-2397	07/30/08

Name and Address of Certificate Holder	Name and Address of Agent
MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT RISK MANAGEMENT DIVISION 111 NW 1ST STREET, SUITE 1510 MIAMI, FL 33128-1970 CONTRACT E07-PW-02	STATE FARM INSURANCE ENRIQUE A BELLO-AGENT 1420 W 68 ST HIALEAH, FL 33014 (305) 557-1176

INTERNAL STATE FARM USE ONLY:
- ☐ Request permanent Certificate of Insurance for liability coverage.
- ☒ Request Certificate Holder to be added as an Additional Insured.

122429.3 Rev. 07-26-2005

CERTIFICATE OF INSURANCE

This certifies that
- ☐ STATE FARM FIRE AND CASUALTY COMPANY, Bloomington, Illinois
- ☐ STATE FARM GENERAL INSURANCE COMPANY, Bloomington, Illinois
- ☐ STATE FARM FIRE AND CASUALTY COMPANY, Scarborough, Ontario
- ☒ STATE FARM FLORIDA INSURANCE COMPANY, Winter Haven, Florida
- ☐ STATE FARM LLOYDS, Dallas, Texas

insures the following policyholder for the coverages indicated below:

Policyholder	TRIANGLE ASSOCIATES INC
Address of policyholder	14100 PALMETTO FRONTAGE RD, SUITE 390, MIAMI LAKES, FL 33016
Location of operations	SAME
Description of operations	ENGINEERING

The policies listed below have been issued to the policyholder for the policy periods shown. The insurance described in these policies is subject to all the terms, exclusions, and conditions of those policies. The limits of liability shown may have been reduced by any paid claims.

POLICY NUMBER	TYPE OF INSURANCE	POLICY PERIOD Effective Date	POLICY PERIOD Expiration Date	LIMITS OF LIABILITY (at beginning of policy period)
98-QV-7476-4	Comprehensive Business Liability	12/20/07	12/20/08	BODILY INJURY AND PROPERTY DAMAGE
This insurance includes:	☐ Products - Completed Operations ☒ Contractual Liability ☒ Personal Injury ☒ Advertising Injury ☐ ☐ ☐			Each Occurrence $ 5,000,000 General Aggregate $ 10,000,000 Products – Completed Operations Aggregate $
	EXCESS LIABILITY ☐ Umbrella ☐ Other	POLICY PERIOD Effective Date	POLICY PERIOD Expiration Date	BODILY INJURY AND PROPERTY DAMAGE (Combined Single Limit) Each Occurrence $ Aggregate $
	Workers' Compensation and Employers Liability	POLICY PERIOD Effective Date	POLICY PERIOD Expiration Date	Part I - Workers Compensation - Statutory Part II - Employers Liability Each Accident $ Disease - Each Employee $ 0 Disease - Policy Limit $

POLICY NUMBER	TYPE OF INSURANCE	POLICY PERIOD Effective Date	POLICY PERIOD Expiration Date	LIMITS OF LIABILITY (at beginning of policy period)

THE CERTIFICATE OF INSURANCE IS NOT A CONTRACT OF INSURANCE AND NEITHER AFFIRMATIVELY NOR NEGATIVELY AMENDS, EXTENDS OR ALTERS THE COVERAGE APPROVED BY ANY POLICY DESCRIBED HEREIN.

Name and Address of Certificate Holder

ADDITIONAL INSURED
MIAMI-DADE COUNTY
PUBLIC WORKS DEPARTMENT
RISK MANAGEMENT DIVISION
111 NW 1ST STREET, SUITE 1510
MIAMI, FL 33128-1970

CONTRACT E07-PW-02

If any of the described policies are canceled before their expiration date, State Farm will try to mail a written notice to the certificate holder 30 days before cancellation. If however, we fail to mail such notice, no obligation or liability will be imposed on State Farm or its agents or representatives.

Signature of Authorized Representative

AGENT 07/30/08
Title Date

ENRIQUE A BELLO
Agent Name
Telephone Number 305-557-1176

Agent's Code Stamp
Agent Code
AFO Code

APPROVED AS TO INSURANCE REQUIREMENTS
Risk Management Division
Date 08/04/08

558-994 a.5 Rev. 11-08-2004 Printed in U.S.A.