MEMORANDUM

MIAMI-DADE COUNTY

Date: December 4, 2007

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

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

From: George M. Burgess
County Manager

Subject: Resolution Ratifying the County Mayor's Actions in the Certification of a Valid Public Emergency Pursuant to Florida Statutes and in Authorizing the Selection of an Engineering Consultant for Venetian Causeway Bridges Rehabilitation

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Recommendation
It is recommended that the Board of County Commissioners (BCC) ratify the County Mayor's action in certifying a valid public emergency pursuant to Section 287.055(3)(a)(1), Florida Statutes and in authorizing the selection of an engineering consultant to prepare plans for urgently required and critical structural repairs for the Venetian Causeway system of bridges.

Scope
The Venetian Causeway is located within Commission Districts 3 and 4.

Fiscal Impact/Funding Source
Causeway Toll Revenues in the amount of $269,393.00 will be utilized to compensate the engineering consultant for the required design services.

Track Record/Monitor
The engineering consultant selected to perform design work for the rehabilitation of the bridges is Triangle Associates, Inc. (TAI). TAI has been awarded eight (8) contracts in the past five (5) years, for a total of $1,659,011.00. There is one Architectural/Engineering Services Performance Evaluation on file in the Office of Capital Improvements' Consultant Evaluation System. The evaluation was conducted by the County's Housing Agency and earned TAI an Overall Evaluation Rating of Acceptable (work quality is acceptable and meets all contract requirements), with a special rating of Superior (work quality is outstanding, work is provided on or ahead of schedule) in the area of construction management.

Background
The Public Works Department (PWD) has routinely monitored the overall condition of all bridges and spans in Miami-Dade County, including the Venetian Causeway system comprised of 12 bridges (the bridges). Since September, 2004, PWD has utilized the engineering consulting firm TAI to perform studies, field inspections and to prepare reports as to the structural condition of the bridges. The aforementioned studies detail many deficiencies, both structural and aesthetic, including corrosion of metal structures critical to the structural integrity of the bridges. Plans, design documents and necessary technical specifications for the construction contract documents are required to complete urgently needed repairs.

Due to the sensitive nature of the structural repairs needed on the bridges, PWD concluded that selecting an engineering consultant through a competitive selection process would consume valuable time and potentially compromise the structural integrity of the bridges. Consequently, PWD sought and obtained, in accordance to Section 287.055, Florida Statutes, certification by the Mayor that a valid public emergency exists with respect to the condition of the bridges. The mayoral action, on September 7, 2007, allowed PWD to select an engineering consultant without using a competitive selection process. The selected consultant, TAI, in addition to performing studies, conducting inspections and preparing reports related to the condition of the bridges, has developed computer software specific to the types of repairs required for

said bridges, and has also prepared extensive documentation detailing the rehabilitation effort. TAI will only prepare the design documents and necessary technical specifications for construction contract documents required to complete urgently needed repairs. In accordance with the emergency authorization signed by the Mayor, on September 12, 2007, PWD issued a Work Order in the amount of $269,393.00 to TAI directing them to perform all required engineering design services for the rehabilitation of the bridges. The Notice to Proceed was issued on September 17, 2007, with an estimated completion date of January 14, 2008.

The time savings attributable to the Mayoral certification of a valid public emergency with respect to the condition of the Venetian Causeway system of bridges is conservatively estimated at 9 months. In order to accelerate the bridges' replacement process and further reap the benefits of this time savings PWD will concurrently initiate the process of selecting the contractor to perform the required construction and construction management work on the bridges through a formal competitive process. The design phase will be completed in late January, 2008. The cost of structurally necessary repairs is estimated at approximately $11 million, to be jointly funded by the Florida Department of Transportation and the County; PWD will seek the Manager's approval to expedite the Request to Advertise and issue an emergency contract award once competitive bids are received. PWD estimates that repairs will be concluded 18 months after issuance of the NTP; the exact length of time will be determined by the plans.

Assistant County Manager

MEMORANDUM

(Revised)

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

DATE: December 4, 2007

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

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

Please note any items checked.

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

_____ 6 weeks required between first reading and public hearing

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

_____ Decreases revenues or increases expenditures without balancing budget

_____ Budget required

_____ Statement of fiscal impact required

_____ Bid waiver requiring County Manager's written recommendation

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

_____ Housekeeping item (no policy decision required)

_____ No committee review

Approved _____ Mayor
Veto _____
Override _____

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

12-04-07

RESOLUTION NO_____

RESOLUTION RATIFYING THE COUNTY MAYOR'S ACTIONS IN THE CERTIFICATION OF A VALID PUBLIC EMERGENCY PURSUANT TO FLORIDA STATUTES AND IN AUTHORIZING THE SELECTION OF AN ENGINEERING CONSULTANT FOR VENETIAN CAUSEWAY BRIDGES REHABILITATION

WHEREAS, the Venetian Causeway system of bridges presents structural deficiencies that need to be addressed without undue delay in the interest of public safety; and

WHEREAS, the Public Works Department concluded that selecting an engineering consultant through a competitive selection process would consume valuable time and potentially compromise the structural integrity of the Venetian Causeway bridges; and

WHEREAS, pursuant to Section 287.055(3)(a)(1) of the Florida Statutes, on September 7, 2007 the County Mayor certified that a valid public emergency exists with respect to the condition of the Venetian Causeway bridges; and

WHEREAS, said Mayoral action of September 7, 2007 authorized the Public Works Department to select an engineering consultant without using a competitive selection process; and

WHEREAS, the Public Works Department determined that the firm Triangle Associates, Inc. (TAI) is the most suited to provide engineering consulting services for the rehabilitation of the Venetian Causeway bridges and, given the firm's unique experience, selected TAI to provide said engineering consulting services,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board finds in the best interest of the County to ratify the County Mayor's actions in the certification of a valid public

emergency pursuant to Florida Statutes and in authorizing the selection of an engineering consultant for the rehabilitation of the Venetian Causeway system of bridges, 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:

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

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

The Chairperson thereupon declared the resolution duly passed and adopted this 4th day of December, 2007. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

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

HARVEY RUVIN, CLERK

By:_____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Richard Seavey

176128

MEMORANDUM

MIAMI-DADE COUNTY

Date: September 6, 2007

To: Carlos Alvarez, Mayor
George M. Burgess, County Manager

Through: Ysela Llort
Assistant County Manager

From: Esther L. Calas, P.E.
Director
Public Works Department

Subject: Emergency Authorization to Select Consultant for Venetian Causeway Bridges Rehabilitation

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The purpose of this memorandum is to request the Mayor's certification of a valid public emergency pursuant to Section 287.055(3)(a)(1), Florida Statutes, authorizing the selection of an engineering consultant to prepare plans for urgently required and critical structural repairs for the Venetian Causeway system of 12 bridges (the Bridges).

Section 287.055, Florida Statutes, requires the County (deemed to be an "agency" for the purposes of the Statute) to obtain engineering services through a competitive selection process "except in cases of valid public emergencies certified by the agency head" (Fla. Statute §287.055(3)(a)(1)). Due to the sensitive nature of the structural repairs needed on the Bridges the Public Works Department (PWD) has concluded that selecting an engineering consultant through a competitive selection process will consume valuable time and potentially compromise the structural integrity of the Bridges. Consequently, PWD seeks certification by the Mayor[1] that a valid public emergency exists with respect to the condition of the Bridges and allow PWD to select an engineering consultant without using a competitive selection process. The selected consultant will only prepare the design documents and necessary technical specifications for construction contract documents required to complete urgently needed repairs. In order to accelerate the Bridges' replacement process and further reap the benefits of this time savings PWD will concurrently initiate the process of selecting the contractor to perform the required construction and construction management work on the Bridges through a formal competitive process.

The consultant identified by PWD as best suited for the intended work is Triangle Associates, Inc. (TAI). Since September, 2004, TAI has been intimately involved in performing studies, field inspections, and preparing reports on the deficiencies in the Bridges. Furthermore, TAI has developed computer software specific to the types of repairs required for the Bridges, and has also prepared extensive documentation detailing the rehabilitation effort.

The above mentioned studies detail thousands of deficiencies, including cathodic protection to prevent corrosion of metal structures critical to the structural integrity of the Bridges, at a cost of approximately $20 million. PWD has concluded that, at this time, it is in the best interest of the County to retain TAI only to prepare plans to perform those repairs that are of considerable structural significance and that may impact

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[1] The Mayor is deemed to be the "agency head" since he is stated to be the head of the County government. See Home Rule Amendment and Charter, § 2.02.

public safety. PWD estimates that the construction contract to effect these repairs will cost approximately $11 million and will seek the Manager's approval to expedite the Request to Advertise and issue an emergency contract award once competitive bids are received.

Because of the familiarity that TAI has with the condition of the bridges, PWD deems TAI ideally suited to perform the task most expeditiously. TAI estimates its fee will be $269,393.00 to perform the design work for the repairs; funding for the design work will come from Causeway toll revenues. It is estimated that it will take 4 months from the date of the Notice to Proceed to complete the design work. If another consultant had to be selected to prepare the contract documents, the usual Request for Proposals (RFP) process would have to be initiated, resulting in delays and significantly higher costs. The Equitable Distribution Program (EDP) process, which is an expedited method of consultant selection is not an option in this particular case because the construction cost for the repairs will exceed the $1 million threshold.

With respect to $11 million in funds needed for the repairs, the Florida Department of Transportation (FDOT) recently granted $5.5 million to Miami-Dade County under the County Incentive Grant Program (CIGP) as follows: $1.5 million for FY 06/07, $1.6 million for FY 07/08 and $2.4 million for FY 08/09. The County will match these funds utilizing a loan under the name of Sunshine State Financing. The loan is backed with a 15 year repayment plan from Causeway toll revenues.

In sum, because of the substantial and critical nature of the deterioration currently evident on the Bridges and because of the rapid and continuing decay caused by the low elevation of the Bridges in a very aggressive marine environment, PWD is seeking to expedite the rehabilitation work to protect public safety. Consequently, PWD submits this request to the Mayor to certify that a valid public emergency exists with respect to the condition of the Bridges, allowing PWD to select TAI to begin design work immediately.

APPROVED AS TO LEGAL SUFFICIENCY: 9/6/07

COUNTY ATTORNEY DATE

CAPITAL IMPROVEMENTS CONCURRENCE: 9/6/07

OCI DIRECTOR DATE

APPROVED:

ASSISTANT COUNTY MANAGER DATE

APPROVED:

COUNTY MANAGER DATE

APPROVED: 9/7/07

DATE

CLERK OF THE BOARD:

CLERK DATE