

Memorandum



Date: February 6, 2007

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

From: George M. Burns
County Manager

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

Subject: Work Order Approval Recommendation in the Amount of \$125,555.07 Between David Plummer & Associates, Inc. and Miami-Dade County for the People's Transportation Plan (PTP) Project Entitled Design of Bike Lanes Along SW 48 Street, From SW 82 Avenue to SW 117 Avenue (**Project # 20060213**)

RECOMMENDATION

The attached **Work Order Approval Recommendation** in the amount of \$125,555.07 between David Plummer & Associates, Inc. and Miami-Dade County for the People's Transportation Plan (PTP) project entitled design of bike lanes along SW 48 Street, from SW 82 Avenue to SW 117 Avenue has been prepared by the Public Works Department (PWD) and is recommended for approval. Proceeds from the Charter County Transit System Sales Surtax (the Surtax) will be used to fund this Work Order, therefore, approval by the Board of County Commissioners (BCC) and Citizens' Independent Transportation Trust (CITT) is required.

BACKGROUND

In an effort to accelerate the continued success of the People's Transportation Plan (PTP) Neighborhood Improvements initiative, PWD is taking advantage of various contracting mechanisms, such as the Equitable Distribution Program (EDP) available under the supervision of the Office of Capital Improvements (OCI). Staff determined that the scope of work for this project resides within the guidelines of the EDP. The EDP allows various County Departments to access a pool of available, qualified engineering firms for small projects. Specifically, the program is limited to design of projects with a construction limit of \$1 million, or traffic engineering studies up to \$50,000.00. An EDP consultant request for was submitted to OCI with the project scope, estimated cost and qualifying engineering categories. OCI provided three (3) firms from the EDP rotating pool which were qualified for the subject work. PWD evaluated each firm's project proposal, resumes and performance history. As a result of this competitive selection process managed through OCI, PWD selected David Plummer & Associates, Inc. for the project, with the stipulation that approval for this project must be obtained from the BCC and the CITT due to guidelines associated with the funding source.

The aforementioned engineering firm will prepare construction documents for bike lanes along SW 48 Street, from SW 82 Avenue to SW 117 Avenue, in Commission District 10. The cost and time associated with the engineering services has been negotiated at \$125,555.07 and 120 calendar days, respectively.

CONSULTANT PERFORMANCE

PWD has reviewed the performance records for David Plummer & Associates, Inc. and found that this consultant has performed work for PWD at an above satisfactory level in the past. Throughout all People's Transportation Plan (PTP) projects, the responsible staff person in PWD will continue to be the PTP Coordinator, Mr. David Tinder, P.E. Following completion of

the award process, the project will be assigned to Priscilla Morales, P.E., PWD Project Manager, for day to day responsibilities.

The principal engineer for David Plummer & Associates, Inc. is David Plummer. The primary office is located at 1750 Ponce De Leon Boulevard, Coral Gables, Florida 33134.

FISCAL IMPACT

The fiscal impact will be approximately \$125,555.07 and will be funded from the Surtax. The proposed improvements qualify under the People's Transportation Plan (PTP) Neighborhood Improvements Section; therefore, funding for the project will be from the yearly allocation for Commission District 10.



Assistant County Manager

12/22/06

Date



MEMORANDUM

(Revised)

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

DATE: February 6, 2007

FROM: Murray A. Greenberg
County Attorney

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

Please note any items checked.

- "4-Day Rule" ("3-Day Rule" for committees) applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Bid waiver requiring County 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

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

Veto _____

02-06-07

Override _____

RESOLUTION NO _____

RESOLUTION APPROVING A WORK ORDER IN THE AMOUNT OF \$125,555.07 BETWEEN DAVID PLUMMER & ASSOCIATES, INC. AND MIAMI-DADE COUNTY FOR THE PEOPLE'S TRANSPORTATION PLAN (PTP) PROJECT ENTITLED DESIGN OF BIKE LANES ALONG SW 48 STREET, FROM SW 82 AVENUE TO SW 117 AVENUE (PROJECT # 20060213)

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 Work Order in the amount of \$125,555.07 between David Plummer & Associates, Inc. and Miami-Dade County for the People's Transportation Plan (PTP) project entitled Bike Lanes along SW 48 Street, from SW 82 Avenue to SW 117 Avenue (Project # 20060213) 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 6th day of February, 2007. This resolution shall become effective as follows: (1) 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, and (2) either i) the Citizens' Independent Transportation Trust (CITT) has approved same, or ii) in response to the CITT's disapproval, the County Commission re-affirms its award by two-thirds (2/3) vote of the Commission's membership and such reaffirmation becomes final.

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

HARVEY RUVIN, CLERK

Approved by County Attorney as
to form and legal sufficiency. B.L.
Bruce Libhaber

By: _____
Deputy Clerk

**MIAMI-DADE COUNTY
PUBLIC WORKS DEPARTMENT
PTP-Highway
WORK ORDER FOR ENGINEERING SERVICES**

To: DAVID PLUMMER & ASSOCIATES, INC.

Date:

For: SW 48th Street Bike Lanes from SW 82nd Avenue to
SW 117 Avenue

Project No: 20060213

EDP Project No: 20060213

Resolution No: R-667-03

Resolution Date:

Work Order No: 1

PTP

Time for Completion: 120 Calendar days.

In accordance with the terms and conditions of Administrative Order No. 3-39, Resolution R-667-03, as adopted by the Board of County Commissioners on 6/17/2003 and through the Equitable Distribution Program (EDP), you are hereby authorized to proceed with preparation of construction documents for roadway improvements which include, but are not limited to, road widening for bicycle facilities, bicycle/pedestrian prefabricated bridges, intersection improvements, drainage investigation and mitigation, and pavement marking and signage for on-street bike lanes.

The cost for these services is outlined in your fee proposal dated 06/22/2006 and is in accordance with discussions held with County staff.

Accordingly, the total fee for this project is established at a not to exceed amount of \$125,555.07. Your time to complete services is four (4) months from the date of this work order.

Work Order Amount: \$125,555.07

Funds Available: PTP

Index Code: CPEPTP110BWY.TRPWPTBW

99122
PTP
11/14/06

Approval Path:

Highway Project Managers

[Signature]
11/14/06

Date

PTP COORDINATOR

Date

Highway Section Head

[Signature]
11/14/06

Date

Highway Division Chief

Date

Traffic & Highway Assistant Director

[Signature]
11/28/06

Date

Finance Approval

Date

Finance Review

[Signature]
11/29/06

Date

PTP COORDINATOR

Date

Public Works Director

Date

O.C.I.

Date

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E D P

Equitable Distribution Program

ASSIGNMENT AND AGREEMENT FORM

OCI Office of Capital Improvements

Miami-Dade County

Section I

User Department		Project Manager		Telephone Number	Date
PUBLIC WORKS DEPARTMENT		MORALES, PRISCILLA		305-375-1909	06/22/2006
				Fax Number	
				--	
Project#:	EDP-PW-20060213	Title:	SW 48 ST BIKE LANES FROM SW 82 AVE TO SW 117 AV		
Scope of Work					
Prime			Sub		
Tech. Cert. Required	0302, 0303, 1600, 0309				
Initial Estimated Cost	\$100,000.00				
Forward the completed Assignment and Agreement Form with a copy of the Service Order to OCI					

Section II

Selected PRIME Firms			
T.C. = 0302, 0303, 1600, 0309			
Company Name	Contact Name	Phone#	Fax#
DAVID PLUMMER & ASSOCIATES, INC.	DAVID PLUMMER	305-447-0900	305-444-4986
Authorizing Representative			
Signature		Date	Auth. Fees (Award)
VICTOR LEE		<i>Victor Lee</i>	11/06/06 * 125,555. ⁰⁷

Selected SUBCONTRACTING Firms

DOUGLAS WOOD & ASSOCIATES

Section III

MORALES, PRISCILLA		
Name of Project Manager	Signature	Date
ONA, LEANDRO		
Department Designee	Signature	Date

Please forward all information and questions to Elizabeth "Biba" Zabowski, OCI
 biba@miamidade.gov Fax 305-350-6265 Tel 305-375-2824
 111 NW First Street, SPCC, 21st Floor, Miami, Florida 33128

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**EQUITABLE DISTRIBUTION PROGRAM POOL
CONTINUOUS PROFESSIONAL SERVICES AGREEMENT
BETWEEN MIAMI-DADE COUNTY, FLORIDA, AND
- CONSULTANT**

(Document Conformed to include Amendment Number 1)

THIS AGREEMENT made and entered into this 3rd day of February in the year 2004, BY AND BETWEEN David Plummer & Associates, Inc. organized and existing under the laws of the State of Florida, having its principal office at 1750 Ponce de Leon Blvd (Herein referred to as the "Consultant"), and Miami-Dade County, a political subdivision of the State of Florida, having its principal office at 111 NW 1st Street, Miami, Florida 33128 (hereinafter referred to as the "County"),

-WITNESSETH:

WHEREAS, the Consultant has offered to participate in the County's Equitable Distribution Program (EDP) Pool and to provide services on an as needed basis and based upon any work authorizations issued hereunder that shall conform to the Scope of Services within the categories of technical certification as determined by the County.

WHEREAS, the County desires to procure from the Consultant such services through the issuance of work authorizations for the County, in accordance with the terms and conditions of the Agreement:

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein contained, the parties hereto agree as follows:

ARTICLE 1 - DEFINITIONS

- 1.01) **BOARD OF COUNTY COMMISSIONERS:** The duly elected officials authorized to act on behalf of the County.
- 1.02) **CONSULTANT:** The architect/engineer who has entered into a contract with the County to provide basic and additional professional services under Article 2 of this Agreement. He/she shall act as the County's representative for the duration of the project, inclusive of the Warranty Phase.
- 1.03) **CONTRACTOR:** The firm who has entered into a contract with the County for the construction of County facilities and incidentals thereto.
- 1.04) **DBD:** Department of Business Development
- 1.05) **EDP:** Equitable Distribution Program is established to equitably distribute on a rotational basis, architectural, engineering and architectural landscape services for miscellaneous type projects in which construction costs and study activities do not exceed the dollar threshold established by the Florida Statutes, Section 287.055, for Miami-Dade County.

WHEN THE CONSULTANT IS A CORPORATION

ATTEST:

Secretary:

Kathleen R. Plummer
Signature

David Plummer & Associates, INC
Legal Name of Corporation

By: Kathleen R Plummer
Legal Name

Kathleen R. Plummer
Signature
(Corporate Seal)

WHEN THE CONSULTANT IS A SOLE PROPRIETORSHIP OR OPERATES UNDER A TRADE NAME

ATTEST:

Witness:

Signature

Legal Name of Firm

Witness:

Signature

By:

Signature

Date signed:

Legal Name and Title

WHEN THE CONSULTANT IS A PARTNERSHIP

ATTEST:

Witness:

Signature

Legal Name of Partnership

Witness:

Signature

By:

Signature

Legal Name and Title

(Seal)

By:

Signature

Legal Name and Title

WHEN THE CONSULTANT IS AN INDIVIDUAL

Witness:

Signature

Signature

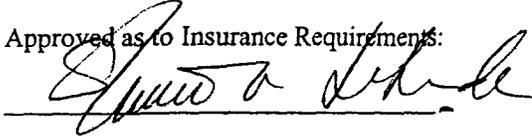
Witness:

Signature

Legal Name

MIAMI-DADE COUNTY, FLORIDA

Approved as to Insurance Requirements:

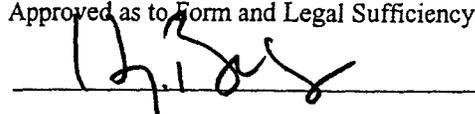


Risk Management Division

Date:

1-20-04

Approved as to Form and Legal Sufficiency:



Assistant County Attorney

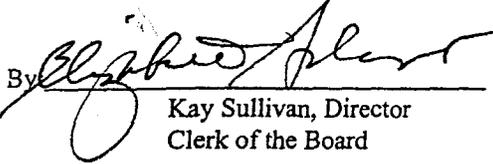
Date:

1/20/04

IN WITNESS WHEREOF the said MIAMI-DADE COUNTY, FLORIDA, has caused this Agreement to be executed in its name by the County Manager, attested by the Clerk of the Board of County Commissioners, and has caused the seal of the Board of County Commissioners to be set hereto, as executed and attested by the undersigned this day and year first above written.

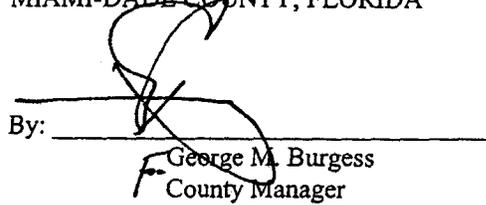
ATTEST:

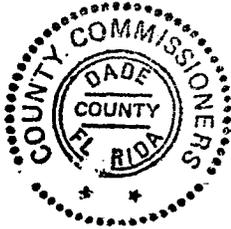
HARVEY RUVIN
Clerk, Circuit and County Courts

By: 
Kay Sullivan, Director
Clerk of the Board

FOR:

BOARD OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

By: 
George M. Burgess
County Manager



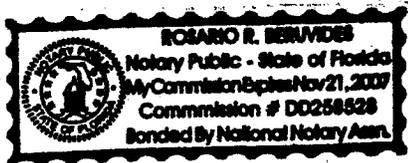
I STATE NOTHING FURTHER IN THIS AFFIDAVIT.

Signature: Shani Kamali
Position/Title: Vice President
Name of Firm: David Plummer & Assoc.

The foregoing was sworn and subscribed before me this 8 day of January, 04 by Shani Kamali, who is personally known to me or who has produced license as identification who being duly sworn, deposes and says that the above is true to the best of his knowledge, information and belief.

My Commission expires:

Rosario R. Bervides
NOTARY PUBLIC
STATE OF FLORIDA



Work Effort and Fee Estimate
SW 48 Street Bike Lanes

David Plummer & Associates
EB 2690

Activity	Principal		Project Manager		Professional Engineer		Design Engineer		CADD Tech.		Clerical		TOTAL	
	Hours	Hourly Rate	Hours	Hourly Rate	Hours	Hourly Rate	Hours	Hourly Rate	Hours	Hourly Rate	Hours	Hourly Rate	Hours by Activity	Salary Costs for Activity
Roadway	16	\$37.93 * 2.90 \$1,759.95	164	\$37.93 * 2.90 \$18,039.51	123	\$37.93 * 2.90 \$3,579.63	246	\$37.93 * 2.90 \$27,059.26	246	\$25.13 * 2.90 \$17,927.74	25	19.95 * 2.9 \$1,446.38	820	\$79,762.47
Signing and Pavement Markings	6	\$37.93 * 2.90 \$659.98	62	\$37.93 * 2.90 \$6,819.81	46	\$37.93 * 2.90 \$5,059.86	92	\$37.93 * 2.90 \$10,119.72	92	\$25.13 * 2.90 \$6,704.68	10	19.95 * 2.9 \$578.55	308	\$29,942.60
Subtotal	22		226		169		338		338		35		1128	\$109,705.07
REIMBURSABLE EXPENSES														\$5,000.00
David Plummer & Associates														Subtotal \$114,705.07
Douglas Wood & Associates (Pedestrian Bridges)														\$10,850.00
PROJECT TOTAL \$125,555.07														

(2.90) is the negotiated multiplier from the EDP Professional services contract between David Plummer & Associates and Miami-Dade County

Project Activity 5: Roadway Plans

SW 48 STREET BIKE LANES

Task No.	Task	Scale	Units	No. of Units	Hours / Unit	No. of Sheets	Total Hours	Comments
1.1	Key Sheet		Sheet	1	8	1	8	
1.2	Summary of Pay Items-including Quantity Input		Sheet	0	0	0	0	
1.3	Drainage Map		Sheet	0	0	0	0	
1.4	Interchange Drainage Map		Sheet	0	0	0	0	
1.5	Typical Section Sheets		Sheet	1	12	1	12	
1.6	General Notes/Pay Item notes		Sheet	1	8	1	8	
1.7	Summary of Quantities		Sheet	1	32	1	32	Includes quantity take-offs
1.8	Box Culvert Data Sheet		Sheet	0	0	0	0	
1.9	Bridge Hydraulics Recommendation Sheets		Sheet	0	0	0	0	
1.10	Summary of Drainage Structures		Sheet	0	0	0	0	
1.11	Optional Pipe/ Culvert Material		Sheet	0	0	0	0	
1.12	Project Layout		Sheet	0	0	0	0	
1.13	Plan/Profile Sheet		Sheet	0	0	0	0	
1.14	Profile Sheet		Sheet	0	0	0	0	
1.15	Plan Sheet		Sheet	29	20	29	580	
1.16	Special Profile		Sheet	0	0	0	0	
1.17	Back of Sidewalk Profile Sheet		Sheet	0	0	0	0	
1.18	Interchange Layout Sheet		Sheet	0	0	0	0	
1.19	Ramp Terminal Details (Plan View)		Sheet	0	0	0	0	
1.20	Intersection Layout Details		Sheet	0	0	0	0	
1.21	Miscellaneous Detail Sheets		Sheet	1	24	1	24	
1.22	Drainage Structure Sheet (per Structure)		EA	0	0	0	0	
1.23	Miscellaneous Drainage Detail Sheets		Sheet	1	24	1	24	

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Project Activity 5: Roadway Plans

Task No.	Task	Scale	Units	No. of Units	Hours / Unit	No. of Sheets	Total Hours	Comments
1.24	Drainage Design		LS	1	60	1	60	
1.25	Lateral Ditch Cross sections		EA	0	0	0	0	
1.26	Retention/Detention Ponds Detail Sheet		Sheet	0	0	0	0	
1.27	Retention Pond Cross Sections		EA	0	0	0	0	
1.28	Cross-section Pattern Sheet		Sheet	0	0	0	0	
1.29	Roadway Soil Survey Sheet		Sheet	0	0	0	0	
1.30	Cross Sections		EA	0	0	0	0	
1.31	Traffic Control Plan		Sheet	1	16	1	16	By Notes Only
1.32	Traffic Control Cross Section Sheets		EA	0	0	0	0	
1.33	Traffic Control Detail Sheets		Sheet	0	0	0	0	
1.34	Utility Adjustment Sheets		Sheet	0	0	0	0	
1.35	Selective Clearing and Grubbing		Sheet	0	0	0	0	
1.36	Erosion Control Plan		Sheet	0	0	0	0	
1.37	SWPPP		Sheet	0	0	0	0	
1.38	Project Control Network Sheet		Sheet	0	0	0	0	
1.39	Interim Standards		LS	0	0	0	0	
1.40	Utility Verification Sheet (SUE data)		Sheet	0	0	0	0	
Roadway Plans Technical Subtotal								
1.41	Quality Assurance / Quality Control		LS	%	0%		0	
1.42	Supervision		LS	%	0%		0	
Roadway Plans Subtotal								
1.43	Field Reviews		LS	1	32	1	32	
1.44	Technical Meetings		LS	1	8	1	8	
1.45	Cost Estimate and Computations		LS	1	16	1	16	
5. Roadway Plans Total								
						37	820	

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Project Activity 20: Signing and Pavement Marking Plans

SW 48 STREET BIKE LANES

Task No	Task	Scale	Units	No of Units	Hours/Unit	No. of Sheets	Total Hours	Comments	
2.1	Key Sheet		Sheet	0	0	0	0		
2.2	Summary of Pay Items-including CES Input		LS	0	0	0	0		
2.3	Tabulation of Quantities		Sheet	1	16	1	16	Includes quantity take-offs	
2.4	General Notes / Pay Item Notes		Sheet	1	4	1	4		
2.5	Project Layout		Sheet	0	0	0	0		
2.6	Plan Sheet		Sheet	26	8	26	208		
2.7	Typical Details		EA	0	0	0	0		
2.8	Guide Sign Work Sheet (s)		EA	0	0	0	0		
2.9	Bicycle Signs from SW 87 Av to SW 82 Av		LS	1	16	1	16	Diagrammatic Layout of Sign Locations	
2.10	Cross Sections		EA	0	0	0	0		
2.11	Special Service Point Detail		EA	0	0	0	0		
2.12	Special Details		LS	0	0	0	0		
2.13	Loop Replacement Details		LS	8	8	0	64	Shown on Signing and Marking Plan Sheets	
				Signing & Pavement Marking Plans Technical Subtotal					
				29				308	
2.14	Quality Assurance / Quality Control		LS	%	0%		0		
2.15	Supervision		LS	%	0%		0		
				Signing & Pavement Marking Plans Subtotal					
				29				308	
2.16	Field Reviews		LS	1	0	0	0		
2.17	Technical Meetings		LS	1	0	0	0		
				20. Signing & Pavement Marking Plans Total					
				29				308	

DOUGLAS WOOD

& ASSOCIATES, INC. □ STRUCTURAL ENGINEERS
299 ALHAMBRA CIRCLE □ SUITE 210
CORAL GABLES, FLORIDA 33134
(305) 461-3450 FAX: (305) 461-3650
WWW.DOUGLASWOOD.BIZ

August 1, 2006

VIA FAX: (305) 444 - 4986

Mr. Victor Lee
David Plummer & Associates
1750 Ponce De Leon Boulevard
Coral Gables, Florida 33134

**Reference: Miami-Dade County
Bicycle/Pedestrian Bridge
S.W. 48th Street
Between 107th and 117th Avenue**

Dear Mr. Lee:

We enthusiastically submit to you this proposal for structural engineering services for the proposed bicycle/pedestrian bridges along both sides of the existing vehicular bridge on S.W. 48th Street, between 107th and 117th Avenues.

DESCRIPTION OF PROJECT

Our understanding of the extent of this project and the extent of items requiring structural engineering services are based on our recent conversations and is as follows:

It is intended to construct a bicycle/pedestrian bridge along both sides of the existing vehicular bridge over a canal. At this time, it is intended to use a prefabricate bridge system (such as those by Continental Bridge) (Delegated System). The structural systems for the bridges themselves will be designed by the manufacturer's engineer (Delegated Engineer). It is intended for the bridges to be immediately adjacent to the existing bridge, but they will be structurally independent. The bridges will include appropriate pedestrian type railings, but not vehicular guards. The bridges will not have roof coverings. The lowest bridge members will be approximately at the elevation of the bottoms of the existing bridge members.

The bridges will require foundations and possibly bulkheads (design by Douglas Wood & Associates, Inc. based on survey and geotechnical information provided by others).

No other construction requiring structural engineering services is anticipated at this time.

MR. VICTOR LEE

AUGUST 1, 2006
PAGE 2 OF 4**SCOPE OF SERVICES**

Douglas Wood & Associates, Inc. will provide the following structural engineering services:

1. review of available drawings for the existing construction for the purpose of coordinating it with the proposed construction,
2. consultation and coordination with you and other consultants and the Delegated Engineer,
3. research of the building code and other local ordinances effecting structural design for this project,
4. coordination and review of foundation recommendations from the geotechnical engineer,
5. participation in necessary design phase meetings,
7. structural analysis and design (for foundations and possibly bulkheads),
6. preparation of structural engineering drawings (specifications will be in the form of notes on the drawings),
7. preparation of a package of structural calculations for submission to the County (if required),
8. responses to County review comments, and
9. review of required shop drawings and other structural submittals (including drawings and calculations packages prepared by the Delegated Engineer).

ADDITIONAL SERVICES

All services not specifically indicated in the "Scope of Basic Services," any significant additions to the project or to our scope of services, construction phase services (expect for review of submittals from Delegated Engineer), Special Inspection services and any changes to work already accomplished will be considered Additional Services.

SERVICES BY OTHERS

It is understood that other consultants will be utilized for civil engineering.

It is also understood that it will be necessary for the County to obtain the services of a geotechnical engineer to perform soils exploration, testing and analysis and to prepare a written report of findings and foundation recommendations. Douglas Wood & Associates, Inc. will coordinate with this consultant to provide suggested boring locations and provide projected structural requirements.

It is understood that all construction activities (including shoring, forming, reshoring and construction site safety) and the conformance of the construction to the structural drawings and Building Code will be the responsibility of the County's contractor. It will be the contractor's responsibility to assure that all required inspections have been completed prior to continuing with subsequent construction work. It is recognized that any inspections performed by Douglas Wood & Associates, Inc. in no way relieve the contractor from his responsibility to construct in accordance with his contract documents and the Building Code. As an inspecting engineer, Douglas Wood & Associates, Inc. exercises no control over any of the contractor's

MR. VICTOR LEE

AUGUST 1, 2006
PAGE 3 OF 4

activities. Furthermore, it is recognized that an inspecting engineer can not directly observe every aspect of the structural construction, nor can an inspecting engineer monitor actions by the contractor when the inspecting engineer is not performing an inspection.

TERMS AND CONDITIONS

Contract terms and conditions are indicated in your "Equitable Distribution Program Pool Continuous Professional Services Agreement Between Miami-Dade County, Florida, and Consultant" (The Prime Agreement).

FEES

Our fees for the performance of the Description of Project Scope of Services described above will be the following fixed sums:

Conceptual Design	\$2,100.00
Design Development	\$2,500.00
60% Construction Documents	\$2,800.00
100% Construction Documents	\$2,500.00
Review Delegated Engineer Submittals	<u>\$950.00</u>
Total lump sum fee	\$10,850.00

These lump sum fees are based on the following hours:

Conceptual Design	
Principal – 1.0 hour at \$110.00 per hour -	\$110.00
Senior Engineer – 2.0 hours at \$110.00 per hour -	\$220.00
Engineer – 15.0 hours at \$27.40 per hour x 2.9 -	\$1,192.07
Draftsperson – 10.0 hours at \$17.9 per hour x 2.9 -	\$515.91
Clerical – 1.5 hours at \$17.55 per hour x 2.9 -	<u>\$76.34</u>
Subtotal Conceptual Design	\$2,114.32
Design Development	
Principal – 1.0 hour at \$110.00 per hour -	\$110.00
Senior Engineer – 4.0 hours at \$110.00 per hour -	\$440.00
Engineer – 17.0 hours at \$27.40 per hour x 2.9 -	\$1,350.82
Draftsperson – 10.0 hours at \$17.9 per hour x 2.9 -	\$515.91
Clerical – 1.5 hours at \$17.55 per hour x 2.9 -	<u>\$76.34</u>
Subtotal Design Development	\$2,493.07
60% Construction Documents	
Principal – 1.0 hour at \$110.00 per hour -	\$110.00
Senior Engineer – 7.0 hours at \$110.00 per hour -	\$770.00
Engineer – 17.0 hours at \$27.40 per hour x 2.9 -	\$1,350.82
Draftsperson – 10.0 hours at \$17.9 per hour x 2.9 -	\$515.91
Clerical – 1.5 hours at \$17.55 per hour x 2.9 -	<u>\$76.34</u>
Subtotal 60% Construction Documents	\$2,823.07

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MR. VICTOR LEE

AUGUST 1, 2006
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100% Construction Documents	
Principal – 1.0 hour at \$110.00 per hour -	\$110.00
Senior Engineer – 4.0 hours at \$110.00 per hour -	\$440.00
Engineer – 17.0 hours at \$27.40 per hour x 2.9 -	\$1,350.82
Draftsperson – 10.0 hours at \$17.9 per hour x 2.9 -	\$515.91
Clerical – 1.5 hours at \$17.55 per hour x 2.9 -	<u>\$76.34</u>
Subtotal 100% Construction Documents	\$2,493.07
Review Delegated Engineer Submittals	
Principal – 1.0 hour at \$110.00 per hour -	\$110.00
Senior Engineer – 3.0 hours at \$110.00 per hour -	\$330.00
Engineer – 5.5 hours at \$27.40 per hour x 2.9 -	\$437.03
Clerical – 1.5 hours at \$17.55 per hour x 2.9 -	<u>\$76.34</u>
Subtotal Review Delegated Engineer Submittals	\$953.37

We await your issuance of the service order.

Sincerely,
DOUGLAS WOOD & ASSOCIATES, INC.

Douglas Wood, P.E.
President

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