

**CITY OF CORAL GABLES, FLORIDA**

**RESOLUTION NO. 2009-303**

A RESOLUTION AUTHORIZING THE EXECUTION OF A JOINT PARTICIPATION AGREEMENT BETWEEN MIAMI-DADE COUNTY AND THE CITY OF CORAL GABLES FOR DISBURSEMENT OF ROAD IMPACT FEE FUNDS IN THE AMOUNT OF \$1,490,000.00 TO THE CITY FOR THE CONSTRUCTION OF ROADWAY CAPACITY IMPROVEMENTS AND A RAISED LANDSCAPE MEDIAN ON PONCE DE LEON BOULEVARD FROM ALCAZAR AVENUE TO SALAMANCA AVENUE.

**WHEREAS**, a Joint Participation Agreement has been prepared by Miami-Dade County to disburse Road Impact Fee funds in the amount of \$1,490,000.00 to the City of Coral Gables for the construction of roadway capacity improvements and a raised landscape median on Ponce de Leon Boulevard between Alcazar Avenue and Salamanca Avenue, in the City of Coral Gables, Florida; and

**WHEREAS**, said Road Impact Fee Funds will be used to supplement additional funds from the American Reinvestment and Recovery Act of 2009 for the project; and

**WHEREAS**, in 2007 a raised landscape median for a seven block segment was completed under the Ponce de Leon Boulevard Phase I Improvement Project; and

**WHEREAS**, Road Impact Fee funds of \$1,490,000.00 will be coupled with Federal Stimulus funds from the ARRA of \$1,036,796.00, along with funding from the Storm Sewer Improvements fund of \$380,904.00 for a total construction budget of \$2,907,700.00 needed to move forward with the Phase II segment of the Ponce de Leon Boulevard Median Improvement Project;

**NOW, THEREFORE, BE IT RESOLVED BY THE COMMISSION OF THE CITY OF CORAL GABLES:**

**SECTION 1.** The foregoing "Whereas" clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption hereof.

**SECTION 2.** That the City Commission does hereby direct the City Manager to authorize the execution of a Joint Participation Agreement between the City of Coral Gables and Miami-Dade County is hereby authorized for the disbursement of Road Impact Fee Funds in the amount of \$1,490,000.00 to the City for the construction of roadway capacity improvements and a raised landscape median on Ponce de Leon Boulevard between Alcazar Avenue and Salamanca Avenue in the City of Coral Gables, Florida.

**SECTION 3.** That this Resolution shall become effective upon the date of its passage and adoption herein.

PASSED AND ADOPTED THIS TWENTY-SEVENTH DAY OF OCTOBER, A. D., 2009.


(Moved: Cabrera / Seconded: Anderson)  
(Yeas: Cabrera, Kerdyk, Withers, Anderson, Slesnick)  
(Unanimous: 5-0 Vote)  
(Agenda Item: C-10)

APPROVED:



DONALD D. SLESNICK II  
MAYOR

ATTEST:



WALTER J. FOEMAN  
CITY CLERK

APPROVED AS TO FORM AND  
LEGAL SUFFICIENCY:



ELIZABETH M. HERNANDEZ  
CITY ATTORNEY

**JOINT PARTICIPATION AGREEMENT  
BETWEEN MIAMI-DADE COUNTY AND THE CITY OF CORAL GABLES  
SEGOVIA STREET AND BILTMORE WAY TRAFFIC ROUNDABOUT**

This AGREEMENT, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2009, by and between the CITY OF CORAL GABLES, FLORIDA, a municipal corporation of the STATE OF FLORIDA, hereinafter referred to as the "City", and MIAMI-DADE COUNTY, a political subdivision of the STATE OF FLORIDA, hereinafter referred to as the "County".

**WITNESSETH**

WHEREAS, both parties herein wish to facilitate the construction of a road improvement project in MIAMI-DADE COUNTY, hereinafter referred to as the "Project" described as follows:

The construction of a traffic roundabout at the intersection of Segovia Street and Biltmore Way; and

WHEREAS, the County wishes to utilize the resources of the City to contract, construct, and administer the Project, subject to the terms and conditions of this Agreement;

NOW, THEREFORE, in consideration of the promises and covenants contained herein, the parties agree:

**1. RESPONSIBILITIES OF CITY:**

**1.1. Design:** The City shall complete at its sole expense, the construction plans, technical specifications, special provisions, pay items and cost estimates for the Project in accordance with standard Florida Department of Transportation, County, and/or City, as applicable, design criteria, to the satisfaction of the County's Public Works Director or their designee. The City's design consultant shall be made available to County at the City's expense solely to review shop drawings and perform required post-design services, limited to Project design.

**1.2. Permits and Approvals:** During the course of the design, the City shall obtain all necessary permits, and utility adjustments; and coordinate the review of construction documents by utilities and permitting agencies. The City shall make all necessary adjustments as required for approval and/or permitting by those agencies. The City shall obtain all necessary permits, and utility adjustments for the Project in accordance with applicable state, federal and local laws and ordinances. The City shall not pay for any permits required by the Miami-Dade County Public Works Department.

**1.3. Right-of-Way:** The City shall acquire at its sole expense, any right-of-way that is required to complete the construction of the Project.

- 1.4. **Public Information and Involvement:** The City will implement a Public Involvement Plan (PIP) during the design and construction of the Project to provide information to property owners, tenants, and area residents, including but not limited to: public meetings, project documentation and flyers, business signs, directional parking signs, and schedules for major work to be performed in the area. Appropriate investigation of the project stakeholders will be used to develop the goals and objectives to implement the PIP. The City shall submit a copy of the PIP to the County Public Works Director for review and concurrence prior to the Notice to Proceed for construction.
- 1.5. **Accounting:** The City shall at all times maintain separate accounting for the costs of the Project so those costs may be independently verified and audited by the County, at the request and cost of the County. The City agrees to permit the County auditors to inspect the books, records and accounts of the Project for three years after completion of the Project. These records shall be made available to the County for inspection within five (5) business days upon written receipt of a written request from the County.
- 1.6. **Construction:** The City shall procure the services of a licensed contractor holding an engineering contractor's license to construct the Project. The City may award the contract through any available lawful means which, in the City's discretion, affords the most competitive price for construction of the Project and which may include, but is not limited to, bid solicitation, request for proposals, the award of a change order on existing City contract(s), or the extension of unit-prices provided in connection with prior competitive bid

awards. Notwithstanding any provision to the contrary, the City shall comply with all applicable County contract compliance and oversight measures relating to the expenditure of County funds, in accordance with Section 6 of this Agreement. Prior to the advertisement to solicit a licensed contractor to construct the Project, the City will contact the County's Public Works Contracts and Specifications Section to ensure this compliance.

The construction contract shall also contain a requirement that the contractor(s) provide a payment and performance bond at least in the amount and form required by state law naming the County and City as joint obligees or joint contracting public entities. The construction contract shall contain a contingency amount to address unforeseen conditions and owner required changes which shall not exceed ten percent (10%) of the base amount of the contract, unless otherwise approved by designated representatives of the County and City. The commitment for the expenditures of any contingency funds shall not be made by the City without the prior written approval of the County Public Works Director. The County shall respond, in writing, within thirty (30) business days of receiving written requests from the City to approve the commitment of contingency funds.

Subsequent to the evaluation of bids or proposals by the City and the City's determination of the most advantageous bid or proposal, the City shall provide said evaluation to the County Public Works Director for review and approval. Final commitment of County funds for the Project shall occur upon approval of the contract award recommendation by the County Public Works

Director. The County agrees that the selection, retention and discharge of such contractor shall be the responsibility of the City.

- 1.7. **Claims and Change Orders:** The City shall notify the County Public Works Director in writing when claims or change orders arise. The City shall also invite the County to participate in negotiations of these claims and change orders. The County shall review and make a determination or approval of all change orders or supplemental agreements, permits, modifications of plans, or other requests for approvals submitted by the City.
- 1.8. **Construction Administration and Inspection:** The City shall exercise all responsibilities of the owner under the construction contract, including construction administration and inspections. The City may delegate this function to an authorized agent or Construction Engineering Inspection consultant. The County's inspector shall have an oversight role in the routine daily inspections. In the case of a disagreement over the interpretation of the plans, the County Public Works Director, or their representative, shall have final authority subsequent to an independent final inspection by the County. The City's designated representative and the County's designated representative shall jointly perform the inspection of the Project which immediately precedes substantial completion. The City shall certify upon completion that the Project has been constructed pursuant to the design plans, specifications and approved change orders. Final payment to the City and obligation of maintenance responsibility to the parties shall be subject to

the final acceptance of the Project by the County Public Works Director or designee.

- 1.9. **Maintenance:** The City shall be solely responsible for maintenance upon construction completion of the Project.

**2. RESPONSIBILITIES OF COUNTY:**

- 2.1. **Funding Amount, Reimbursement of Project Costs:** The County agrees to provide funds up to \$350,000 (this amount includes 10% contingency) for eligible costs, as defined herein, incurred by the City for the construction of the Project. The County shall disburse to the City funds for the Project in the manner set forth in this Section. The County shall incur no liability for any costs in excess of said funding amount unless there has been a duly authorized increase approved by the Board of County Commissioners.

- 2.2. **County Payments of Project Costs:** The County funds provided for eligible costs as defined herein, incurred for the construction of the Project are specified below:

<u>Funding Amount</u>	<u>Funding Source</u>	<u>County Fiscal Year of Commitment</u>
\$ 350,000	Road Impact Fee District 7	2007-2008

- 2.3. **Project Cost Adjustments:** The amount contributed by the County is based on the current estimated costs of the Project. The parties recognize that adjustments to the above-referenced cost may be required in the future and that at the option of the parties, amendments may be entered into to revise the funds available for the Project. Provided that there is no increase in the amount of County funds required as stated in Section 2.1, amendments may



be executed by the City Manager and the County Mayor or his designee without the need for approval by the City Council and County Commission.

Otherwise, further funding commitments shall be subject to the approvals of the parties' respective governing boards.

3. **ELIGIBLE COSTS:** The parties agree that only the below identified costs that may be incurred by the City that are directly related to the Project are eligible for reimbursement, provided adequate documentation accompanies the reimbursement request in the form of approved invoices, verified payment requests, documented journal entries, and/or check vouchers. For purposes of this Agreement, eligible costs are further defined as those pertaining to the construction of Project elements that are the standard items normally provided for by the County in County roadway construction projects, and not the enhancement of standard items, or the incorporation of items which are in addition to those standard items. The County shall not be assumed to be liable to provide reimbursement for the design, construction or maintenance of such items that do not conform to this section of the Agreement. If enhancements to standard items are constructed in this Project, the City may request County reimbursement only to a maximum amount corresponding to that which would be expended in providing the normal standard version of that item for a project of the same scope. The parties further agree that eligible costs will not include fees for construction management, construction inspections, and project management.

4. **SCHEDULE AND MANNER OF REIMBURSEMENTS:** Upon execution, the City shall furnish the County with a copy of the estimated budget for the Project, and will

similarly furnish the County with any and all revisions thereto. At the time of contract award for this Project, the City shall submit the Estimated Quarterly Construction Payout Schedule for the Project to the County Public Works Director. Quarterly disbursement of County funds to the City shall be based upon City invoices with certified copies of paid contractor estimates attached and shall not include any other charges. The quarterly submittal for invoice shall also include a certified copy of payment to Sub-Contracted firms.

5. **COMPLIANCE WITH LAWS:** The parties shall comply with applicable federal, state and local laws, codes, ordinances, rules and regulations in performing their respective duties, responsibilities, and obligations pursuant to this Agreement and with all applicable laws relating to the Project. The parties shall not unlawfully discriminate in the performance of their respective duties under this Agreement.

6. **BUSINESS PROGRAM COMPLIANCE AND OVERSIGHT:** Whenever County funds are used, the City agrees to comply with applicable County regulations including but not limited to the Community Small Business Enterprise (CSBE) Program, Community Business Enterprise (CBE) Program, the Community Workforce Program (CWP), and the Responsible Wages and Benefits Ordinance (Ordinance No. 90-143). Specifically, the City agrees to abide by the applicable contract measure recommendation(s) established by the Department of Business Development Project Worksheet for the participation of specified business entities and/or trades, and for CWP requirements, as administered by the County's Department of Small Business Development (SBD). SBD shall have the right to

oversee and perform compliance monitoring, including but not limited to, the right to audit and to require reports and documentation related to the Code.

7. **INDEMNIFICATION:** To the extent authorized by Florida law, the City hereby agrees to indemnify, defend, save and hold harmless the County to the extent of all the limitations included with Section §768.28, Florida Statutes, from all claims, demands, liabilities and suits of any nature whatsoever arising out of, because of or due to the breach of this Agreement by the City, its agents or employees. It is specifically understood and agreed that this indemnification clause does not cover or indemnify the County for its sole negligence or breach of contract.

To the extent authorized by Florida law, the County hereby agrees to indemnify, defend, save and hold harmless the City to the extent of all the limitations included in Section §768.28, Florida Statutes, from all claims, demands, liabilities and suits of any nature whatsoever arising out of, because of or due to the breach of this Agreement by the County, its agents or employees. It is specifically understood and agreed that this indemnification clause does not cover or indemnify the City for its sole negligence or breach of contract.

In the event of breach or non-performance by the persons selected by the City to perform the work, the City shall, upon written request by the County, assign to the County any and all of its rights under the affected contract for purposes of the County's prosecution of claims, actions or causes of action resulting from such breach or non-performance unless the City pursues such claims, actions or causes of action through arbitration, administrative proceeding or lawsuit. The City agrees to cooperate fully with the County in the prosecution of any such claim or action.

Any damage recovered by the County which is attributable to an expenditure by the City shall be returned to the City by the County, within sixty (60) business days of receipt.

8. **DISPUTE RESOLUTION, APPLICABLE LAW:** The parties shall resolve any disputes, controversies or claims between them arising out of this Agreement in accordance with the "Florida Governmental Conflict Resolution Act", Chapter 164, Florida Statutes, as amended. This Agreement shall be governed by the laws of the State of Florida. Venue in any proceedings shall be in Miami-Dade, Florida.

9. **ENTIRE AGREEMENT, AMENDMENTS:** This document incorporates and includes all prior negotiations, correspondence, conversations, agreements and understandings applicable to the matters contained herein and the parties agree that there are no commitments, agreements, or understandings concerning the subject matter of this agreement that are not contained in this document. Accordingly, the parties agree that no deviation from the terms hereof shall be predicated upon any prior representations or agreements, whether oral or written. It is further agreed that no modification, amendment or alteration in the terms contained herein shall be effective unless set forth in writing in accordance with this section. No modification, amendment or alteration in the terms or conditions contained herein shall be effective unless contained in a written document prepared with the same or similar formality as this Agreement and executed by the parties.

10. **JOINT PREPARATION:** The parties acknowledge that they have sought and received whatever competent advice and counsel as was necessary for them to form a full and complete understanding of all rights and obligations herein and that the

preparation of this Agreement has been their joint effort. The language agreed to expresses their mutual intent and the resulting document shall not, solely as a matter of judicial construction, be construed more severely against one of the parties from the other.

**11. SEVERANCE:** In the event a portion of this Agreement is found to be invalid by a court of competent jurisdiction, the remaining provisions shall continue to be effective unless the City or County elect to terminate this Agreement. An election to terminate this Agreement based upon this provision shall be made within seven (7) business days after the finding by the court becomes final.

**12. NOTICES:** Any and all notices required to be given under this agreement shall be sent by first class mail, addressed as follows:

**To the County:**

Attention: Esther L. Calas, P.E.  
Director, Public Works Department  
Miami-Dade County  
111 NW First Street, Suite 1640  
Miami, Florida 33128  
(305) 375-2960

**To the City:**

Attention: Alberto Delgado, P.E.  
Director, Public Works Department  
City of Coral Gables  
2800 SW 72 Avenue  
Miami, Florida 33155  
(305) 460-5001

IN WITNESS WHEREOF, the parties hereto set their hands and official seals the  
day and year first above written.

ATTEST:

HARVEY RUVIN  
CLERK OF THE BOARD

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

BY: \_\_\_\_\_  
Deputy Clerk

BY: \_\_\_\_\_  
County Mayor or County Mayor's Designee

Approved by County Attorney  
as to form and legal sufficiency \_\_\_\_\_  
County Attorney

ATTEST:

City of Coral Gables, a Municipal  
Corporation of the State of Florida

BY: \_\_\_\_\_  
Walter J. Foeman  
City Clerk

BY: \_\_\_\_\_  
David L. Brown  
City Manager

(Affix City Seal)

Approved by City Attorney  
as to form and legal sufficiency \_\_\_\_\_  
Elizabeth M. Hernandez  
City Attorney

## Kay, James

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**From:** Abrahan, Julia  
**Sent:** Tuesday, October 20, 2009 9:20 AM  
**To:** Kay, James  
**Subject:** FW: Ponce Phase II construction cost estimate #04201  
**Attachments:** estimate.xls

*Julia Abrahan  
Civil Engineer  
Public Works Department  
City of Coral Gables  
Phone #: (305) 460-5059  
Fax #: (305) 441-5750*

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**From:** Todd Seymour [mailto:Todd.Seymour@dplummer.com]  
**Sent:** Friday, August 28, 2009 8:36 AM  
**To:** Abrahan, Julia  
**Cc:** Kay, James  
**Subject:** Ponce Phase II construction cost estimate #04201

Attached is the requested total construction cost estimate including landscaping items.

Let me know if you have any questions.

Thanks Todd

TRANSPORTATION • CIVIL • STRUCTURAL • ENVIRONMENTAL



**TODD SEYMOUR, PE**  
VICE PRESIDENT - DESIGN SERVICES  
DAVID PLUMMER & ASSOCIATES  
1750 PONCE DE LEON BLVD  
CORAL GABLES, FL 33134  
PHONE: (305) 447-0900  
FAX: (305) 444-4986

Exceeding  
Client  
Expectations

WWW.DPLUMMER.COM

## Construction Cost Estimate for Ponce de Leon Blvd Median Installation and Roadway Improvements

Pay Item Description	Units	Unit Price	Quantity	Cost	Source of Unit Price
<b>Roadway</b>					
Variable Message Sign (Temporary)	ED	\$ 50.00	84	\$ 4,200	C.G.P.W. (PH I)
Removal and Dispose of Material and Vegetation	SY	\$ 60.00	300	\$ 18,000	C.G.P.W. (PH I)
30" Curb & Gutter	LF	\$ 45.00	3536	\$ 159,120	C.G.P.W.
Type "D" Curb	LF	\$ 13.46	3433	\$ 46,208	C.G.P.W.
4" Decorative Concrete Median	SY	\$ 95.00	130	\$ 12,350	C.G.P.W. (PH I)
6" Decorative Concrete Sidewalk	SY	\$ 110.00	2853	\$ 313,830	C.G.P.W. (PH I)
4" Coral Gables Beige #3 Concrete Sidewalk	SY	\$ 55.54	877	\$ 48,709	C.G.P.W.
Milling exist. Asphalt Pavement (1" avg. depth)	SY	\$ 3.53	18589	\$ 65,619	C.G.P.W.
Type SP-9.5 Structural Course (Traffic C) (1" avg. thick)	TON	\$ 201.96	1022.4	\$ 206,484	C.G.P.W.
Sod and Top Soil	SY	\$ 4.57	1891	\$ 8,642	C.G.P.W.
Remove and Dispose Asphalt Pavement & Base Course (15")	SY	\$ 26.00	2204	\$ 57,304	C.G.P.W. (PH I)
Remove and Dispose Asphalt Pavement	SY	\$ 5.00	350	\$ 1,750	C.G.P.W.
Remove and Dispose Concrete	SY	\$ 4.97	3013	\$ 14,975	C.G.P.W.
Remove and Dispose Concrete Curb or Curb & Gutter	LF	\$ 4.49	3098	\$ 13,910	C.G.P.W.
Remove of Steel Parking Meter Post and Bell Flange	EA	\$ 50.00	39	\$ 1,950	C.G.P.W. (PH I)
Remove and Dispose Sanitary Pipe	LF	\$ 30.00	70	\$ 2,100	C.G.P.W. (PH I)
Adjust Manhole Top	EA	\$ 200.00	6	\$ 1,200	C.G.P.W. (PH I)
Adjust Valve Box	EA	\$ 50.00	10	\$ 500	C.G.P.W. (PH I)
<b>Drainage</b>					
Slab Cover Trench w/ MH access (construct new Trench)	LF	\$ 300.00	290	\$ 87,000	C.G.P.W. (PH I)
Remove Slab Cover Trench and Construct New w/ MH access	LF	\$ 250.00	120	\$ 30,000	C.G.P.W. (PH I)
Class I Concrete Headwall (incl. reinforcement)	CY	\$ 1,100.00	30	\$ 33,000	C.G.P.W. (PH I)
Manhole (Storm)	EA	\$ 3,920.00	2	\$ 7,840	C.G.P.W.
Type "D" Inlet	EA	\$ 3,927.00	27	\$ 106,029	C.G.P.W.
Type "P-3" Inlet	EA	\$ 4,000.00	1	\$ 4,000	FDOT (D6)
Adjust Inlet top	EA	\$ 400.00	2	\$ 800	C.G.P.W. (PH I)
15" Corrugated Metal Pipe	LF	\$ 132.00	391	\$ 51,612	FDOT (D6)
Remove and Dispose Existing Drainage Structures and Pipes	EA	\$ 1,600.00	20	\$ 32,000	C.G.P.W. (PH I)
Pipe Filling and Capping	EA	\$ 150.00	14	\$ 2,100	C.G.P.W. (PH I)
Manhole Frame & Cover (Trench Drain)	EA	\$ 450.00	33	\$ 14,850	C.G.P.W. (PH I)
<b>Signing and Pavement Markings</b>					
RPM's	EA	\$ 5.05	375	\$ 1,894	C.G.P.W.
Pavement Messages	EA	\$ 95.30	2	\$ 191	C.G.P.W.
Directional Arrows	EA	\$ 44.88	4	\$ 180	C.G.P.W.
4" White Thermoplastic	LF	\$ 0.53	3142	\$ 1,665	M.D.P.W.
6" White Thermoplastic	LF	\$ 0.79	665	\$ 525	C.G.P.W.
8" White Thermoplastic	LF	\$ 0.90	170	\$ 153	M.D.P.W.
12" White Thermoplastic	LF	\$ 1.96	1504	\$ 2,948	C.G.P.W.
18" White Thermoplastic	LF	\$ 2.24	195	\$ 437	C.G.P.W.
24" White Thermoplastic	LF	\$ 3.65	603	\$ 2,201	C.G.P.W.
10'-30' Skip White Thermoplastic	LF	\$ 0.79	770	\$ 608	C.G.P.W.
6" Yellow Thermoplastic	LF	\$ 0.79	6000	\$ 4,740	C.G.P.W.
18" Yellow Thermoplastic	LF	\$ 2.24	118	\$ 264	C.G.P.W.
Sign R3-1	EA	\$ 274.88	1	\$ 275	C.G.P.W.
Sign R3-2	EA	\$ 274.88	1	\$ 275	C.G.P.W.
Sign R2-1	EA	\$ 274.88	1	\$ 275	C.G.P.W.
Sign S4-5 (36x36)	EA	\$ 274.88	2	\$ 550	C.G.P.W.
Sign S1-1 (36X36) & W16-9P(24X12)	EA	\$ 325.50	4	\$ 1,302	M.D.P.W.
Sign S1-1 (36X36) & W16-7P(24X12)	EA	\$ 325.50	4	\$ 1,302	M.D.P.W.
Sign S1-1 (36X36) & W16-7P(24X12) (Right)	EA	\$ 325.50	4	\$ 1,302	M.D.P.W.
Sign existing (remove single post)	EA	\$ 16.80	17	\$ 286	C.G.P.W.
Sign existing (relocate single post)	EA	\$ 70.10	2	\$ 140	C.G.P.W.
Sign existing (remove sign panel)	EA	\$ 16.80	10	\$ 168	C.G.P.W.



Pay Item Description	Units	Unit Price	Quantity	Cost	Source of Unit Price
<b>Signalization</b>					
Grounding Electrode	LF	\$ 18.90	330	\$ 6,237	M.D.P.W.
Conduit Underground	LF	\$ 16.80	40	\$ 672	M.D.P.W.
Conduit (Underpavement) (2"PVC)	LF	\$ 35.70	866	\$ 30,916	M.D.P.W.
Cable (Signal)	PI	\$ 11.55	5	\$ 58	M.D.P.W.
Pull and Junction Boxes	EA	\$ 787.50	24	\$ 18,900	M.D.P.W.
Electrical Power Service	AS	\$ 945.00	2	\$ 1,890	M.D.P.W.
Electrical Service Wire	LF	\$ 5.25	640	\$ 3,360	M.D.P.W.
Prestressed concrete poles (Type P-II)	EA	\$ 1,094.10	1	\$ 1,094	M.D.P.W.
Mast Arm Assembly	EA	\$ 19,700.00	2	\$ 39,400	FDOT (D6)
Mast Arm Assembly	EA	\$ 19,700.00	6	\$ 118,200	FDOT (D6)
Mast Arm Assembly	EA	\$ 23,900.00	3	\$ 71,700	FDOT (D6)
Mast Arm Assembly	EA	\$ 23,900.00	1	\$ 23,900	FDOT (D6)
Traffic Signal 12" Std. ( 1 Way, 1 Section) (Led Type)	AS	\$ 589.05	8	\$ 4,712	M.D.P.W.
Traffic Signal 12" Std. ( 1 Way, 3 Section) (Led Type)	AS	\$ 1,102.50	16	\$ 17,640	M.D.P.W.
Pedestrian Signal (1 Direction) (LED Count down)	AS	\$ 787.50	12	\$ 9,450	M.D.P.W.
Inductive Loop Detector	EA	\$ 210.00	2	\$ 420	M.D.P.W.
Loop Assembly (Type A Mod.) (6'x30' Thru Lanes)	AS	\$ 906.15	2	\$ 1,812	M.D.P.W.
Pedestrian Detector	EA	\$ 178.50	8	\$ 1,428	M.D.P.W.
Traffic Signal Controller	AS	\$ 18,480.00	2	\$ 36,960	M.D.P.W.
Modify Traffic Signal Controller	AS	\$ 1,268.40	1	\$ 1,268	M.D.P.W.
Controller Cabinet (Pole Mounted)	EA	\$ 1,050.00	4	\$ 4,200	M.D.P.W.
Solar Page Programmable Time Switch	EA	\$ 4,725.00	2	\$ 9,450	M.D.P.W.
Solar Engine	EA	\$ 4,725.00	2	\$ 9,450	M.D.P.W.
Remove Traffic Signal Head Assembly	EA	\$ 195.30	24	\$ 4,687	M.D.P.W.
Remove Signal Pedestrian Assembly	EA	\$ 78.75	8	\$ 630	M.D.P.W.
Pole Removal - Shallow (Direct Burial)	LF	\$ 504.00	4	\$ 2,016	M.D.P.W.
Pole Removal - Shallow (Bolt on Attachment)	LF	\$ 1,417.50	8	\$ 11,340	M.D.P.W.
Remove Traffic Signal Controller	EA	\$ 1,550.20	2	\$ 3,100	M.D.P.W.
Remove Span Wire Assembly	EA	\$ 360.15	1	\$ 360	M.D.P.W.
Remove Cabling and Conduit	PI	\$ 780.00	4	\$ 3,120	FDOT (D6)
Remove Miscellaneous Signal Equipment	PI	\$ 2,196.24	4	\$ 8,785	M.D.P.W.
Sign Panel (F&I)	EA	\$ 227.85	4	\$ 911	M.D.P.W.
<b>Landscape</b>					
Landscaping, Irrigation, and Lighting Allowance	LS	\$587,240	1	\$ 587,240	LA Estimate

SUBTOTAL =	\$ 2,403,100
MOBILIZATION 10% =	\$ 240,300
SUBTOTAL =	\$ 2,643,400
CONTINGENCIES 10% =	\$ 264,300
TOTAL =	\$ 2,907,700

**Notes:**

- 1.- Unit Prices from Coral Gables Public Works include the cost of Maintenance of Traffic.
- 2.- Unit Prices from Miami-Dade Public Works have been increased in 5% to consider the cost of Maintenance of Traffic.