

WORK ORDER No. 3 FOR PROFESSIONAL SERVICES

TO: Kimley-Horn and Associates, Inc.
1221 Brickell Avenue, Suite 400
Miami, Florida 33131
(305) 673-2025

DATE: May 21, 2016

The City of Doral authorizes the firm of Kimley-Horn and Associates, Inc. to proceed with the provision of engineering services for the development of Milling and Resurfacing Exhibits as part of the City of Doral's 2016 Pavement Maintenance Program as of the date of this Work Order. The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Agreement between Kimley-Horn and Associates, Inc. and the City of Doral dated February 23, 2015, and the attached Proposal submitted by your firm for the above referenced project.

SCOPE OF SERVICES AND SCHEDULE:

The scope of the project will be as described in the attached proposal dated May 12, 2016 from Kimley-Horn and Associates, Inc. The schedule requires the work to be performed within 50 calendar days. All limitations of time set forth in this Work Order are of the essence. The performance of services associated with this Work Order will be executed on a time and materials basis with a not to exceed amount of \$14,829.91.

You are required by the Continuing Service Agreement to begin work subsequent to the execution of this Work Order, or as directed otherwise. If you fail to begin work subsequent to the execution of this Work Order, the City of Doral will be entitled to disqualify the Proposal, and revoke the award.

Work Order incorporates the terms and conditions set forth in the Continuing Services Agreement dated February 23, 2015 between the parties as though fully set forth herein. In the event that any terms or conditions of this Work Order conflict with the Continuing Services Agreement, the provisions of this specific Work Order shall prevail and apply. Work Order is not binding until the City of Doral agrees and approves this Work Order.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and date first above written, in three (3) counterparts, each of which shall, without proof or accounting for the other counterpart be deemed an original Contract.

CONSULTANT: Kimley-Horn and Associates, Inc.

BY: [Signature]
NAME: BURT BALDO
TITLE: PROJECT MGR. SR.V.P.

WITNESSES:
1. [Signature]
2. [Signature]

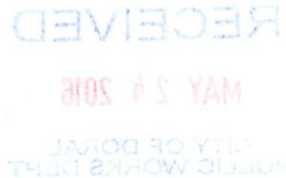


OWNER: City of Doral
BY: [Signature]
NAME: Edward Rojas
TITLE: City Manager

AUTHENTICATION:
BY: [Signature]
NAME: Connie Diaz
TITLE: City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE SOLE USE OF THE CITY OF DORAL:

BY: [Signature]
NAME: WEISS, SEROTA, HELFMAN, COLE, BIERMAN & POPOK, PL
TITLE: City Attorney





May 12, 2016

Mr. Jorge Gomez, P.E.
Chief of Engineering
City of Doral
8300 NW 53rd Street – Suite 200
Doral, FL 33166

**RE: *Proposal for Development of Resurfacing Exhibits for Doral Resurfacing Workplan 2016
City of Doral, Miami-Dade County, Florida***

Dear Mr. Gomez:

Kimley-Horn and Associates, Inc. (“Kimley-Horn” or “Consultant”) is pleased to submit this letter agreement (“Agreement”) to the City of Doral (“Client”) to provide professional engineering services for the development of resurfacing exhibits for the roadway segments as listed in the Doral Resurfacing Workplan 2016. All work under this scope will be in accordance with the terms and conditions of Professional Services Agreement (General Engineering/Architecture Services) between the City of Doral and Kimley-Horn, dated February 23, 2015. Our project understanding, scope of services, and fees follow:

PROJECT UNDERSTANDING

1. Our proposed scope of services and fee proposal is based on the Client’s request to develop resurfacing exhibits for the eleven (11) roadway segments as listed in the Doral Resurfacing Workplan 2016, included in Appendix A, which add up to 14,354 linear feet. Kimley-Horn will provide these services to develop the exhibits showing the proposed pavement treatment based on the initial recommended treatment in the City’s Work Plan. Per the City of Doral, no pavement cores will be taken.
2. Since this is a resurfacing project, no modifications to the existing drainage systems are expected. Plans will not include drainage.
3. The project will be constructed through an ongoing miscellaneous resurfacing contract. Proposed improvements will be designed in accordance with the requirements, standards and specifications of the City of Doral, Miami-Dade County and FDOT, where applicable.
4. Topographic services are not part of the scope nor have they been provided by the Client.

SCOPE OF SERVICES

The scope of services for the project will be completed by Kimley-Horn and Associates, Inc. (Kimley-Horn).

TASK 01 ROADWAY CONSTRUCTION DOCUMENTS

A base map of the existing conditions will be prepared, at a scale of 1" = 50', utilizing Miami-Dade County 2013 aerial files. Kimley-Horn will develop plans (resurfacing exhibits) for the roadway segments included in the City's Resurfacing Workplan 2016. Kimley-Horn will submit these plans (100%), as part of one (1) plan set to the Client for approval. Kimley-Horn will provide the final plans upon the client's approval. The plans will show the type of proposed pavement treatment and pavement markings.

The City does not anticipate a permit would be required from Miami-Dade County. Therefore a submittal to the County would not be required. Should signage and pavement markings require modifications to improve a traffic condition as determined by the engineer, then the City will submit plans to Miami-Dade County for approval. Kimley-Horn will meet with Miami-Dade County and address any comments through an additional service task.

Kimley-Horn will submit one (1) electronic copy of the 100% plans to the City of Doral for review. After sufficient review time, comments may be provided.

Kimley-Horn will furnish a letter to each utility company known to operate within the project area notifying them of the project and the one (1) year excavation moratorium on the pavement.

Kimley-Horn anticipates attending one (1) meeting as part of the construction documents phase.

In general, the roadway construction plans and other deliverables will contain the following information:

Roadway

1. A cover sheet utilizing the standard City of Doral cover sheet.
2. Summary of quantities.
3. General notes defining the basis of design and construction requirements will be provided.
4. Roadway improvements will be detailed on the plan sheets, including signing and pavement markings. Plan sheets will be developed at scale 1"=50'.
5. The improvements will be shown on an aerial map base.
6. Miscellaneous Details.
7. Maintenance of traffic (MOT) plans are not part of the scope.
8. Topographic Survey is not part of the scope.
9. Construction cost estimate based on City's ongoing resurfacing Contract.

Estimated Number of Sheets: 32

TASK 02 – THE CLIENT'S ADDITIONAL SERVICES

Upon your authorization, we will provide any additional services that may be required beyond those described in Task 01. These services may include but are not limited to such items as the following:

- Post Design Services
- Construction Phase Services
- Preparation of MOT plans
- Modification of the drainage system
- Meetings, submittals, presentations or coordination in addition to those described in Task 01 and Task 02 above
- Redesign required as a result of major change from scope of services described above
- Pavement design
- Development of plans for roadway reconstruction as a result of recommendations based on cores of existing pavement
- Modifications to the existing signing and pavement markings to improve traffic conditions
- Modifications of existing roadway horizontal and vertical alignments, cross slopes and cross sections
- Permit expediting
- Contamination assessment and related services
- Any work related to grants of easement or right-of-way acquisition
- Topographic survey
- Services not specifically included within "Scope of Services"

FEE AND BILLING

Kimley-Horn will accomplish the services outlined in Tasks 01 through 02 on a time and material basis with estimated labor fee shown below. Labor fee will be billed on an hourly basis according to the standard hourly rate agreed between Kimley-Horn and the Client. Direct expenses, if required, will be billed at 1.15 of the cost. Expenses are in addition to the labor amount. Fees and expenses will be invoiced monthly based upon actual services performed and expenses incurred as of the invoice date. Billing will be due and payable within twenty-five (25) days of receipt of invoice.

Estimated Hourly Fees

<u>Task</u>	<u>Description</u>	<u>Labor Fee</u>
01	Roadway Construction Documents.....	\$14,829.91

Kimley-Horn will not exceed the total maximum labor fee shown above without authorization from the Client. Individual task amounts are informational only.

Total Labor..... \$14,829.91

02 Additional Services.....as Required

Task 02 Required Authorization

Client Signature Required above

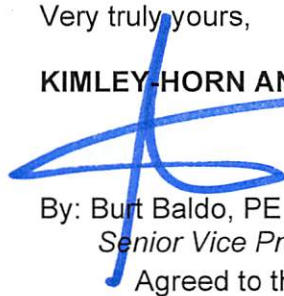
CLOSURE

In addition to the matters set forth herein, our Agreement shall include and be subject to, and only to, the terms and conditions of the Professional Services Agreement (General Engineering/Architecture Services), between the City of Doral and Kimley-Horn, dated February 23, 2015, which is hereby incorporated by reference. If you concur in all the foregoing and wish to direct us to proceed with the services, please have authorized persons execute both copies of this Agreement in the spaces provided below, retain one copy and return the other to us. Fees and times stated in this Agreement are valid for sixty (60) days after the date of this letter.

We appreciate the opportunity to provide these services to you. Please don't hesitate to contact Luis Cubas or myself at (305) 673-2025 if you have any questions.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.



By: Burt Baldo, PE
Senior Vice President

Agreed to this ____ day of _____, 201__.

CITY OF DORAL (A Municipality)

By: _____

(Print or Type Name)

Title: _____

(As Authorized by Law)

(Email Address)

_____, Witness

(Print or Type Name)

Official Seal:

**FEE QUOTATION PROPOSAL FOR RESURFACING EXHIBITS
AS PER CITY OF DORAL RESURFACING WORKPLAN 2016**

Consultant's Name: Kimley-Horn and Associates, Inc.
Project Number:
Project Length: 2.7 Miles

Prepared by: Luis G. Cubas, PE
Date: 5/23/2016

STAFF HOURS

	Activity	Principal Engineer	Project Manager	Sr. Engineer	Engineer	CADD Tech.	Staff Hours by Activity	Salary Cost for Activity
	Distribution	1%	3%	10%	41%	45%	100%	
1	Roadway Plans	1	4	12	50	55	122	\$14,829.91
2	Pavement Marking & Signing Plans	0	0	0	0	0	0	\$0.00
3	Signalization Plans and School Flashers	0	0	0	0	0	0	\$0.00
4	Roadway Lighting Plans	0	0	0	0	0	0	\$0.00
5	Drainage Design, Report & Permit Applications w/Sketches	0	0	0	0	0	0	\$0.00
6	Post-Design Services	0	0	0	0	0	0	\$0.00
7	Landscape Plans	0	0	0	0	0	0	\$0.00
8	Public Involvement	0	0	0	0	0	0	\$0.00
	TOTAL HOURS	1	4	12	50	55	122	\$14,829.91
	Rates	\$190.75	\$187.48	\$164.02	\$142.50	\$87.20	121.56	
	Totals S-H and Cost	\$190.75	\$749.92	\$1,968.24	\$7,125.00	\$4,796.00	\$14,829.91	\$121.56

TOTAL LUMP SUM FEE BREAKDOWN BY ACTIVITY	Amount
Public Involvement	\$0.00
Geotechnical	\$0.00
Post-Design Services	\$0.00
Maximum Lump Sum Fee	\$14,829.91

KHA
Design Traffic/Traffic Operations Analysis
Signal Warrant Analysis
Signal Plans
Utility Relocation Plans
Sub-Consultants
Surveyor Labor Fees
Geotechnical Labor Fees

\$0.00

\$0.00

TOTAL CONTRACT COST COMPUTATIONS

Subtotal (Salary Related Cost)	\$14,829.91
Expenses	
(a) Printing & Reproduction	
(b) Public Involvement (5%)	\$0.00
(c) Miscellaneous (Subcontract) Geotechnical	
(d) Out of Pocket Expenses (0.5%) (*) (KHA)	\$0
(d) Out of Pocket Expenses (0.5%) (*) (MSA)	\$0
TOTAL Kimley-Horn COST PLUS	\$14,829.91

Allowance

Design Fee	\$14,829.91
Bidding Phase Services	\$0.00
Construction Phase	\$0.00
Design Traffic/Traffic Operations Analysis	\$0.00
Signal Warrant Analysis	\$0.00
Signal Plans	\$0.00
Utility Relocation Plans	\$0.00
Surveying	\$0.00
Geotechnical	\$0.00
Public Involvement Plan (Construction)	\$0.00
TOTAL FEE	\$14,829.91
Printing & Reproduction	\$0.00
TOTAL FEE	\$14,829.91

PROJ. NO.: _____ F.A.P. _____ DESCRIPTION: Roadway Improvements

LENGTH IN MILES : 2.7 FEET : 14354 LANES: 2 DIV'D: No URBAN: X

ITEM	SCALE	BASIS OF ESTIMATE	NO. OF UNITS	NO. OF SHEETS	M - H UNITS	TOTAL M-H	COMMENTS
ROADWAY PLANS							
Key Map		SHT	1	1	2	2	Key sheet
Typical Section		EA	1	0	0	0	
Summary of Quantities		SHT	1	4	6	24	Sheets with Quantities take off
General Notes		SHT	1	1	2	2	
Plan Sheets for M & R	1"=50'	SHT	25	25	3	75	Includes Milling and Resurfacing and Pavement Markings
Plan Sheets New Construction	1"=50'	SHT	0	0		0	
Profile Sheets for M & R	1"=20'	SHT	0	0		0	
Profile Sheets New Construction	1"=20'	SHT	5	0		0	
Intersection Details - Plateau		SHT	0	0		0	
Intersection Profiles - Plateau		EA	0	0		0	
Intersection Profiles - Side Streets		EA	0	0		0	
SWPP Plan		SHT	0	0		0	No SWPPP as per Sample from City.
Misc. Construction Details		SHT	1	1	3	3	Pavement treatment details, feathering etc.
Maint. of Traffic		SHT	1	0		0	No Traffic Control Plans as per sample from City.
Cross-Sections	1"=10'	EA	0			0	
Computation Book		LS	0			0	
Opinion of Probable Cost		EA	1		2	2	
Pavement Design		LS	0			0	Milling and resurfacing only. Confirm with Geotechnical Engineer.
Geometry Plan		LS	0			0	As part of the roadway plan (benchmarks, etc)
FDOT Coordination		EA	0			0	
Utility Coordination		LS	1	0	3	3	Coordination (3 hrs).Send plans to UAO in the corridor.
Railroad Permit and Coordination		LS	0			0	
Special Provisions, Technical Specs		HRS	1			0	
Value Engineering/Coord		LS	0			0	
Meetings and Reviews		EA	1		3	3	1 Mtgs - 1 People @3hrs each / Includes Minutes.
Geotechnical Coordination		LS	1			0	Evaluate/Process data, Report
Surveying Data Processing		HRS	1			0	
Field Reviews		LS	1	0	8	8	1 People@8 hrs each
ROADWAY PLANS TOTALS				32		122	

Prepared By: Luis G. Cubas, P.E.

Date: May 23, 2016