

WORK ORDER No. 4 FOR PROFESSIONAL SERVICES

TO: Stantec Consulting Services Inc.  
901 Ponce de Leon Boulevard, Suite 900  
Coral Gables, Florida 33134  
(305) 445-2900

DATE: April 2, 2025

The City of Doral authorizes the firm of Stantec Consulting Services Inc. to provide professional engineering services for NW 112 Ave and NW 82 St intersection study that consists of a turn lane evaluation, signal warrant analysis and a stop control warrant analysis. Where Stantec Consulting Services, Inc. is a prequalified provider of professional engineering services selected in accordance with Consultant Competitive Negotiation Act (CCNA) requirements and approved by the City Council in March 2024 through Resolution 24-54. The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Agreement between Stantec Consulting Services Inc. and the City of Doral dated June 03, 2024, and the attached Proposal dated March 25, 2025; submitted by your firm for the above referenced project.

SCOPE OF SERVICES AND SCEHDULE:

The scope of the project will be as described in the attached proposal from Stantec Consulting Services Inc. dated March 25, 2025, to provide professional engineering services for NW 112 Ave and NW 82 St intersection study that consists of a turn lane evaluation, signal warrant analysis and a stop control warrant analysis. The schedule requires the scope of work to be completed within 6 weeks of Notice to Proceed. 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 material basis not to exceed the amount of \$22,639.16.

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.

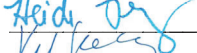
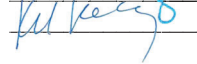
Work Order incorporates the terms and conditions set forth in the Continuing Services Agreement dated June 03, 2024, between the parties as though fully set forth herein. In the event that any terms or conditions of this Work Order conflict with the Continuing Services Agreement, the provisions of this 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: Stantec Consulting Services Inc.

BY:   
NAME: Christopher Benitez  
TITLE: Transportation Project Manager

WITNESSES: SEAL:

1.   
2. 

OWNER: City of Doral


BY:   
NAME: Zeida Sardinas  
TITLE: City Manager

AUTHENTICATION:

BY:   
NAME: Connie Diaz  
TITLE: City Clerk



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

BY:   
NAME: Gastesi, Lopez, Mestre & Cobiella, PLLC.  
TITLE: City Attorney



Stantec Consulting Services Inc.  
901 Ponce de Leon Boulevard, Suite 900  
Coral Gables FL 33134-3070

March 25, 2025

**Edna Sibila**

Transportation Manager  
City of Doral  
8401 NW 53rd Terrace  
Doral, FL 33166  
Edna.sibila@cityofdoral.com

Dear Ms. Sibila:

**Reference: NW 112th Avenue and NW 82nd Avenue Intersection Study**

We are pleased to present this proposal for professional consulting services to the City of Doral for the NW 112th Avenue and NW 82nd Street intersection study. We understand that the project consists of a turn lane evaluation, signal warrant analysis, and a stop control warrant of the subject intersection. The assignment will be conducted through the Continuing Professional Services Agreement for General Engineering and Architectural Services (RFQ 2023-08). The following is our proposal for this assignment.

**SCOPE OF SERVICES**

The Scope of Services for this traffic study includes the following tasks:

**1.0 Project Management**

The CONSULTANT setup project, schedule team activities, coordinate with subconsultants, and prepare progress reports. The CONSULTANT will conduct ongoing communication with City of Doral staff. One meeting is anticipated.

**2.0 Traffic Data Collection**

The CONSULTANT will perform traffic data collection of the subject intersection. The data will consist of the following:

**48-Hour Volume Counts**

- NW 82nd Street east of NW 112 Avenue
- NW 112th Avenue south of NW 82nd Street

**12-hour Intersection Turning Movement Counts**

- NW 112th Avenue and NW 82nd Street

**3.0 Existing Conditions Review**

The CONSULTANT will conduct the following activities:

- Examine aerial imagery and roadway as-builts
- Review 48-hour volume counts for reasonableness and to determine the 12-hour period for intersection turning movement counts

March 25, 2025

Page 2 of 3

Reference: NW 112th Avenue and NW 82nd Avenue Intersection Study

---

- Review 12-hour intersection turning movement counts for reasonableness and to determine AM and PM peak hours
- Obtain seasonal factor data from Florida Department of Transportation (FDOT) Florida Traffic Online resource
- Gather future roadway improvements from the Miami-Dade Transportation Planning Organization (TPO) Transportation Improvement Program (TIP) and City of Doral coordination
- Research future development activities from the City of Doral
- Understand the usage of the City of Doral Legacy Park
- Gather from the City of Doral community input and complaints

#### **4.0 Historical Crash Analysis**

- Download the most recent 5 years of crash data at the study intersection and influence areas
- Perform crash data analysis to assess crash patterns and contributing causes including identification of crashes correlated to intersection control and bicycle and pedestrian-related

#### **5.0 Intersection Warrants**

- Conduct signal warrant analysis based on the FDOT Manual on Uniform Traffic Studies (MUTS) and the Federal Highway Administration (FHWA) Manual on Uniform Traffic Control Devices (MUTCD)
- Conduct an all-way stop control warrant based on the FHWA MUTCD
- Conduct a turn lane warrant analysis of the eastbound approach using the FDOT Multimodal Access Management Guidebook

#### **6.0 Intersection Analysis**

- Conduct AM and PM peak hour intersection analysis using Synchro 12 software

#### **7.0 Technical Memorandum**

- Document study activities in a digital technical memorandum
- Prepare a draft and final for the City of Doral's review
- Provide responses to comments

### **DELIVERABLES**

The following deliverables will be included with this project:

- Draft and final technical memorandum in digital format

### **EXCLUSIONS**

- Conceptual design
- Future traffic projections and analysis

March 25, 2025

Page 3 of 3

Reference: NW 112th Avenue and NW 82nd Avenue Intersection Study

## SCHEDULE

The CONSULTANT anticipates completing this assignment in a 2-month period.

## FEE ESTIMATE

The contract fee is provided in the table below.

Service	Fee	Fee Type
1.0 Project Management	\$1,600.80	
2.0 Traffic Data Collection	\$2,480.00	
3.0 Existing Conditions Review	\$1,654.80	
4.0 Historical Crash Analysis	\$3,253.60	
5.0 Intersection Warrants	\$4,392.80	
6.0 Intersection Analysis	\$1,085.20	
7.0 Technical Memorandum	\$8,171.96	
<b>Grand Total</b>	<b>\$22,639.16</b>	<b>Fixed Fee</b>

## TERMS AND CONDITIONS

The terms and conditions are based on the executed Professional Services Agreement between the City of Doral and Stantec Consulting Services Inc. as RFQ 2023-08.

## APPROVAL

If \_\_\_\_\_ agrees with this proposal, \_\_\_\_\_  
City of Doral Staff Name City of Doral Staff Name  
shall authorize Stantec to perform the work by signing and returning a copy of this signed proposal.

We look forward to working together on this project. Should you have any questions, or need additional information, please do not hesitate to contact me, the Consultant Project Manager.

Sincerely,

**Stantec Consulting Services Inc.**



**Chris Benitez** PE, PTOE, RSP1  
Project Manager, Transportation  
Phone: 786-459-4907  
chris.benitez@stantec.com

Attachment: Fee Estimate



**Stantec Consulting Services Inc.**

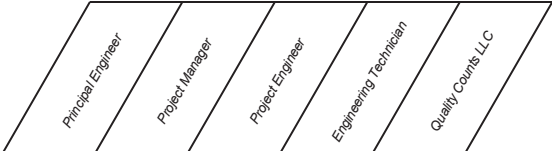
901 Ponce de Leon Boulevard, Suite 900, Coral Gables FL 33134-3070

## **ATTACHMENT A**

### **Fee Estimate**



FEE ESTIMATE - NW 112th Avenue and NW 82nd Avenue Intersection Study



Project Billing Rate (T&M)	\$293.76	\$257.80	\$199.85	\$142.40	\$2,480.00
Total Units	1.00	20.00	28.00	64.00	1.00
Fee (T&M)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Project Summary	Hours	Labour	Expense	Subs	Total
Fixed Fee	113.00	\$20,159.16	\$0.00	\$2,480.00	\$22,639.16
Time & Material	0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	113.00	\$20,159.16	\$0.00	\$2,480.00	\$22,639.16

Task Code	Task Name	Units				
1	NW 112th Avenue and NW 82nd Avenue Intersection Study	1.00	20.00	28.00	64.00	1.00
1	Project Management		4.00		4.00	
2	Traffic Data Collection					1.00
3	Existing Conditions Review		2.00		8.00	
4	Historical Crash Analysis		2.00	8.00	8.00	
5	Intersection Warrants		2.00	8.00	16.00	
6	Intersection Analysis		2.00		4.00	
7	Technical Memorandum	1.00	8.00	12.00	24.00	

Task Type	Hours	Labour	Expense	Subs	Total
Fixed Fee	113.00	\$20,159.16	\$0.00	\$2,480.00	\$22,639.16
Fixed Fee	8.00	\$1,600.80	\$0.00	\$0.00	\$1,600.80
Fixed Fee	0.00	\$0.00	\$0.00	\$2,480.00	\$2,480.00
Fixed Fee	10.00	\$1,654.80	\$0.00	\$0.00	\$1,654.80
Fixed Fee	18.00	\$3,253.60	\$0.00	\$0.00	\$3,253.60
Fixed Fee	26.00	\$4,392.80	\$0.00	\$0.00	\$4,392.80
Fixed Fee	6.00	\$1,085.20	\$0.00	\$0.00	\$1,085.20
Fixed Fee	45.00	\$8,171.96	\$0.00	\$0.00	\$8,171.96

# ESTIMATE



FLA:FL

BILL TO :   Stantec  
              901 Ponce de Leon Blvd, Ste 900  
              Coral Gables,FL 33134  
              (615) 829-5455

CLIENT PROJECT # :TBD                                 ESTIMATE DATE : 3/20/2025                                 ORDER DATE : 3/19/2025

ORDER No	PROJECT NAME	PAYMENT TERMS	ORDER BY	
169769	City of Doral - Signal Warrant Study - NW 112 Ave and NW 82 St	PWP	Christopher Benitez	

QTY	DESCRIPTION	RATE	TOTAL
1	Large-Turn Count	\$1,520.00	\$1,520.00
	1 Location(s) for time period(s): 4:00 PM -- 4:00 PM-(Wednesday) - 12 Hrs.		
	-NW 112th Ave--NW 82nd St, Doral, FL		
2	Volume Video Count-Volume	\$480.00	\$960.00
	2 Location(s) for time period(s): 2 Days (Volume)		
	-NW 82nd St, Doral, FL		
	-Northwest 80th Lane, Doral, FL		
		TOTAL	\$2,480.00

Balances unpaid by end of Payment term (listed above) will be charged 1.5% interest per month

Quality Counts, LLC  
15615 SW 74th Ave #100  
Tigard, OR 97224  
(877) 580-2212  
qualitycounts.net