

WORK ORDER No. 9 FOR PROFESSIONAL SERVICES

TO: A&P Consulting Transportation Engineers
10305 N.W. 41 Street, Suite 115
Miami, Florida 33178
(305) 592-7283

DATE: March 11, 2020

The City of Doral authorizes the firm of A&P Consulting Transportation Engineers to provide pedestrian safety and mobility assessment along NW 107 Avenue from NW 86 Street and NW 88 Street. The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Agreement between A&P Consulting Transportation Engineers and the City of Doral dated January 30, 2018, and the attached Proposal dated February 20, 2020 and 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 from A&P Consulting Transportation Engineers for Pedestrian Safety and Mobility Evaluation along NW 107 Avenue from NW 86 Street to NW 88 Street. The draft report is to be submitted to the City for review forty-five (45) calendar days from NTP. The performance of services associated with this Work Order will be executed on a time and material basis not to exceed the amount of \$10,047.00.


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 January 30, 2018 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.

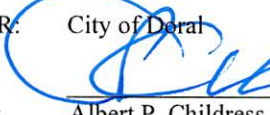
IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and date first above written, in three (3) counterparts, each of which shall, without proof or accounting for the other counterpart be deemed an original Contract.

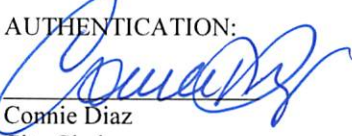
CONSULTANT: A&P Consulting Transportation Engineers

WITNESSES: SEAL:


BY: 
NAME: Antonio G. Acosta P.E.
TITLE: President

1. 
2. 

OWNER: City of Doral
BY: 
NAME: Albert P. Childress
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: Luis Figueredo, Esq.
TITLE: City Attorney

Consultant: A&P Consulting Transportation Engineers

Date: 02/20/2020

Project Name: Pedestrian Safety and Mobility Evaluation along NW 107th Avenue from NW 86th Street to NW 88th Street.

Background

The City of Doral Public Works Department has received a request for the implementation of pedestrian safety enhancement along NW 107th Avenue from NW 86th Street to NW 88th Street in front of Ronald W. Reagan Doral Senior High School.

The City has retained A&P Consulting Transportation Engineers to perform a pedestrian safety and mobility evaluation along NW 107th Avenue from NW 86th Street to NW 88th Street. The evaluation will focus on implementation of pedestrian crossing treatments.

Scope of Services

The scope of services for this effort includes the tasks necessary to evaluate pedestrian safety and mobility enhancements such as signing and pavement markings, or any other type of traffic control device such as midblock pedestrian crossing.

Task 1: Data Gathering

The Consultant will obtain and review any available data or approved plans for new developments along the study segment.

Task 2: Field Reviews

The Consultant will perform field reviews during the school arrival and dismissal periods. The field reviews will be conducted during two hours during each period. The field reviews will focus on pedestrian demand, pedestrian travel patterns as well as the existing operations of the four-way stop controlled intersections at NW 86th and NW 88th Streets.

Task 3: Traffic Data Collection

The Consultant will perform 8-hour Turning Movement Counts (TMCs) with pedestrian counts at the intersections of NW 86th Street and NW 88th Street.

Task 4: Crash Analysis

The Consultant shall obtain any available crash data along the study segment from Signal Four Analytics for the period from January 1st, 2015 to date. As part of the crash analysis the individual police reports will be reviewed to determine any crash patterns are present along the study segment. Crash summaries and collision diagrams will be developed as part of this task.

Task 5: Evaluation of Potential Pedestrian Safety and Mobility Enhancements

The Consultant shall follow the FDOT's Traffic Engineering Manual as well FHWA's Manual on Uniform Traffic Control Devices to determine if additional signing and markings or a higher level of traffic control such as traffic signal are appropriate to enhance pedestrian safety along the study segment.

Consultant: A&P Consulting Transportation Engineers

Date: 02/20/2020

Project Name: Pedestrian Safety and Mobility Evaluation along NW 107th Avenue from NW 86th Street to NW 88th Street.

Task 6: Technical Memorandum

The Consultant shall document tasks 1 through 5 in technical memorandum format.

ACTIVITY	SUMMARY FEE SHEET																TOTAL HOURS	TOTAL DOLLARS
	PROJECT MANAGER		PRINCIPAL ENGINEER		SENIOR ENGINEER		PROJECT ENGINEER		ENGINEERING TECHNICIAN		CLERICAL							
	Man-Hour	Hourly Rate	Man-Hour	Hourly Rate	Man-Hour	Hourly Rate	Man-Hour	Hourly Rate	Man-Hour	Hourly Rate	Man-Hour	Hourly Rate	Man-Hour	Hourly Rate	Man-Hour	Hourly Rate		
Project Management/QA/QC	3	\$195.00		\$200.00			\$146.00		\$137.00								3	\$585.00
Task 1: Data Gathering		\$195.00		\$200.00			\$146.00		\$137.00	2	\$85.00		\$55.00				2	\$170.00
Task 2: 8-Hour TMCs with Pedestrian Counts at NW 88 Street and NW 86 Street		\$195.00		\$200.00			\$146.00		\$137.00	40	\$85.00		\$55.00				44	\$3,948.00
Task 3: Field Reviews		\$195.00		\$200.00			\$146.00		\$137.00	4	\$85.00		\$55.00				4	\$548.00
Task 4: Crash Analysis		\$195.00		\$200.00			\$146.00		\$137.00	4	\$85.00		\$55.00				6	\$614.00
Task 5: Evaluation of Potential Pedestrian Safety and Mobility Enhancements		\$195.00		\$200.00		4	\$146.00		\$137.00	6	\$85.00		\$55.00				10	\$1,406.00
Task 6: Technical Memorandum		\$195.00		\$200.00		4	\$146.00		\$137.00	16	\$85.00		\$55.00				20	\$2,776.00
TOTALS	3	\$585.00	0	\$0.00	8	\$1,168.00	32	\$4,384.00	46	\$3,910.00	0	\$0.00	89	\$10,047.00				

PROJECT: Pedestrian and Bicycle Safety Assessment along NW 107 Avenue from NW 86 Street to NW 88 Street
CONSULTANT: A&P Consulting Transportation Engineers
DATE: 20-Feb-20

Notes: