WORK ORDER No. 11 FOR PROFESSIONAL SERVICES

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

DATE: October 26, 2017

The City of Doral authorizes the firm of A&P Consulting Transportation Engineers to provide professional engineering services for the All-Way Stop Control Evaluation at the intersection of NW 104 Avenue/NW 66 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 20, 2015, and the attached Proposal 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 A&P Consultant Transportation Engineers dated October 23, 2017 for the performance of traffic signal arterial assessment. The schedule requires the draft intersection evaluation report to be completed within 30 calendar days of the 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 Materials basis with a not to exceed amount of $7,722.76.

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 20, 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: A&P Consulting Transportation Engineers

BY: Carlos M. Gil-Mera
NAME: Carlos M. Gil-Mera
TITLE: Vice President

WITNESSES:
1.
2.

SEAL:

OWNER: City of Doral

BY:
NAME: Edward Rojas
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: WEISS, SEROTA, HELFMAN,
COLE, & BIERMAN, PL
TITLE: City Attorney

Consultant: A&P Consulting Transportation Engineers
Date: 10/23/2017
Project Name: All-Way Control Evaluation at the Intersection of NW 104th Avenue at NW 66th Street

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Background

The City of Doral Public Works Department has received a request from residents of the Landmark Community located at 6500 NW 105th Ct, Doral, FL 33178, regarding the need for all-way control at the intersection of NW 104th Avenue at NW 66th Street. The residents are concerned with pedestrian safety at the intersection. The intersection currently provides high emphasis crosswalks to cross NW 66th Avenue. The City has retained A&P Consulting Transportation Engineers to perform an all-way control warrant study and to evaluate the need for any other type of traffic control device that may be needed at the intersection to ensure pedestrian safety.

Scope of Services

The scope of services for this effort includes the tasks necessary to evaluate the need for all-way control at the intersection of NW 104th Avenue at NW 66th Street.

Task 1: Data Gathering

The Consultant will obtain any available plans/R/W maps of the study intersection as part of the assessment of the existing conditions.

Task 2: Field Reviews

The Consultant will perform field reviews during the AM and PM peaks as well as during the arrival and dismissal periods for Doral Math and Science Academy located at 6700 NW 104th Ave, Doral, FL 33178. The field reviews will focus on pedestrian activity and traffic operations at the study intersection.

Task 3: Traffic Data Collection

The Consultant will perform 6-hour Turning Movement Counts (TMCs) during the AM, School Dismissal and PM peak periods as well as 72-approach counts at the study intersection.

Task 4: Traffic Operations Evaluation

The Consultant shall perform an evaluation of the need for all-way traffic control based on the latest edition of the Manual on Uniform Traffic Control Devices. The evaluation will also include an assessment of the existing pedestrian crossing demand and the need for pedestrian traffic control devices such additional markings and signs.

Task 5: Technical Memorandum

The Consultant shall document tasks 1 through 4 in technical memorandum format.

ACTIVITY	SUMMARY FEE SHEET													
	PROJECT MANAGER		PRINCIPAL ENGINEER		SENIOR ENGINEER		PROJECT ENGINEER		ENGINEERING TECHNICIAN		CLERICAL		TOTAL HOURS	TOTAL DOLLARS
	Man-Hour	Hourly Rate	Man-Hour	Hourly	Man-Hour	Hourly	Man-Hour	Hourly Rate	Man-Hour	Hourly Rate	Man-Hour	Hourly Rate		
Project Management/QA/QC	6	$187.48		$190.75		$139.43		$130.47		$81.52		$52.20	6	$1,124.88
Task 1: Data Gathering		$187.48		$190.75		$139.43	2	$130.47		$81.52		$52.20	2	$260.94
Task 2: Field Reviews		$187.48		$190.75	6	$139.43	6	$130.47		$81.52		$52.20	12	$1,619.40
Task 3: Traffic Data Collection		$187.48		$190.75		$139.43	2	$130.47	22	$81.52		$52.20	24	$2,054.38
Task 4: Evaluation		$187.48		$190.75	2	$139.43	6	$130.47		$81.52		$52.20	8	$1,061.68
Task 6: Technical Memorandum		$187.48		$190.75	4	$139.43	8	$130.47		$81.52		$52.20	12	$1,601.48
		$187.48		$190.75		$139.43		$130.47		$81.52		$52.20	0	$0.00
TOTALS	6	$1,124.88	0	$0.00	12	$1,673.16	24	$3,131.28	22	$1,793.44	0	$0.00	64	$7,722.76

PROJECT: **All-Way Stop Control Evaluation at NW 104 Avenue at NW 66 Street**
CONSULTANT: **A&P Consulting Transportation Engineers**
DATE: **26-Oct-17**

Notes: