

WORK ORDER No. 1 FOR PROFESSIONAL SERVICES

TO: A&P Consulting Transportation Engineers
8935 NW 35th Lane
Doral, Florida 33172
(305) 592-7283

DATE: February 2, 2021

The City of Doral authorizes the firm of A&P Consulting Transportation Engineers(APCTE) to provide professional engineering design services for the provision of an all-way controlled intersection at NW 54 Street and NW 84 Avenue. Where APCTE 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 October 2020 through Resolution 20-243. The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Agreement between APCTE and the City of Doral dated January 4, 2021, and the attached Proposal dated February 2, 2021 and 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 APCTE dated February 2, 2021 for the design of an all-way stop controlled intersection at NW 54 Street and NW 84 Avenue. The schedule requires the scoped of work to be completed within 3 weeks of NTP. 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 \$3,738.00.

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 1, 2020 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

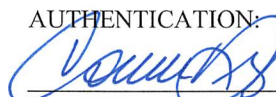
WITNESSES:

SEAL:


BY: _____
NAME: _____
TITLE: _____

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



8935 NW 35th Lane, Suite 200, Doral Florida 33172

CONSULTANT WORK ORDER PROPOSAL

February 2, 2021

Dear Mr. Collings-Bonfill:

A&P Consulting Transportation Engineers, Corp. proposes to provide the services identified below for the project entitled "**NW 54th Street and NW 84th Avenue Signing and Pavement Markings Plans**", **Civil Engineering Services**, pursuant to its Continuing Professional Service Agreement with the City of Doral.

I. GENERAL

A&P shall design a 4-Way Stop Signing and Pavement Markings Plans for:

- NW 54th Street and NW 84th Avenue

The Consultant is to provide all project management, investigation, analysis, permitting, and civil engineering services necessary for signing and pavement markings improvements. All maps, plans and designs are to be prepared with English values in accordance with the FDOT Design Manual and the Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD).

II. SCOPE OF WORK

A. Task 1 – Pre-design site inspection.

- a. Aerial images to be used as background
- b. Existing pavement markings, road geometry, and existing signage shall all be field verified by the engineer.

B. Task 2 – Produce 4-Way Stop signing and pavement markings Plans within the limits of the project.

- a. Plans shall be produced at 40 scale and will include the following:
 - i. Key sheet
 - ii. Tabulation of Quantities
 - iii. General Notes
 - iv. Signing and Pavement Drawings

- b. Implementation of City review comments before final acceptance.



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III. SUBCONSULTANTS

The below listed Sub-Consultants will assist in the performance of the Work.

Sub-Consultant Name	Specialty or Expertise
N/A	

IV. SCHEDULE OF WORK – TIME OF PERFORMANCE

Consultant shall submit the Deliverables and perform the Work as depicted in the tables below

SCHEDULE OF DELIVERABLES				
Task or Activity ID #	Task Name and/or Activity Description	Duration (weeks)	Projected Start Date	Projected Finish Date*
1	Preliminary Investigations and Field Reviews	1	NTP	NTP + 1 weeks
2	90% Signing & Pavement Markings submittal	1	NTP +1 weeks	NTP + 2 weeks
3	Implement 90% comments and submit 100% Signing & Pavement Markings	1	NTP + 2 weeks	NTP + 3 weeks
	Total Project Duration = 3 weeks = 15 calendar days			

- An updated schedule, indicating actual delivery dates, based on the listed durations, will be provided to the City upon receipt of NTP.

V. COMPENSATION

Consultant shall perform the Work detailed in this Proposal for a Total Time and Material Basis (Limited Amount) fee of eight thousand four hundred twenty-one dollars and thirteen cents (\$8,421.13).

SUMMARY OF COMPENSATION			
Task or Activity ID #	Major Task Name and/or Activity Description	Fee Amount	Fee Basis
1-3	Professional Engineering Services		
	Construction Documents (90% Submittal)	\$ 3,364.20	Time & Materials
	Construction Documents (100% Submittal)	\$ 373.80	Time & Materials
	Total	\$ 3,738.00	

*Note: Compensation should match the Task, Activities, and/or Deliverables identified.



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VI. PROJECT MANAGER

CONSULTANT'S Project Manager for this Work Order assignment will be **Eithel M. Sierra, P.E.**

Submitted by:



Eithel M. Sierra, P.E.
A&P Consulting Transportation Engineers, Corp.

Reviewed and approval in concept
recommended by:

Eugene Collings-Bonfill, Project Manager
Chief of Engineering



8935 NW 35th Lane, Suite 200, Doral Florida 33172

EXHIBIT A
FEE PROPOSAL
PRIME CONSULTANT

City of Doral

Design 4-way Stop

Legend

 NW 84th Ave & NW 54th St



NW 84th Ave & NW 54th St

Google Earth

© 2020 Google

100 ft

Project Information Sheet

Financial Project Identification Number: <u>TBD</u>		Federal Aid Project Identification Number: <u>TBD</u>	
Name of Prime / Subconsultant: <u>A&P Consulting Transportation Engineers, Corp</u>		County: <u>Miami-Dade</u>	
Project Description: <u>4-Way Stop Improvements at NW 54 Street and NW 84 Avenue</u>			
Begin Milepost: _____	End Milepost: _____	Project Length: <u>3,000</u> Feet	
Number of Lanes: _____	Typical Section: _____ Urban (Urban / Rural / Int.)	Lane Configuration: <u>Undivided</u> (Divided / Undivided)	
Project Type: <u>Minor</u> (Minor / Major)	Access Management Classification: _____	Roadway Classification: <u>NHS</u> (NHS/FIHS/Off Sys.)	
CAP Level: _____	TCP Level: <u>1</u>	Survey Level: _____	
Design Variations: 1. _____	Design Exceptions: 1. _____		
2. _____	2. _____		
3. _____	3. _____		
4. _____	4. _____		
5. _____	5. _____		
Proposed Design Contract Time: <u>1</u> months/days		Date of Negotiation: _____	

Project Activity:	Estimated By:		Negotiated By: (name - firm)	
	Consultant	City of Doral	Consultant	City of Doral
3. Project Common & Project General Tasks				
4. Roadway Analysis				
5. Roadway Plans				
6a. Drainage Analysis				
6b. Drainage Plans				
7. Utilities				
8. Environmental Permits				
9. Structures Summary				
10. Structures - Bridge Development Report				
11. Structures - Temporary Bridge				
12. Structures - Short Span Concrete				
13. Structures - Medium Span Concrete				
14. Structures - Structural Steel				
15. Structures - Segmental Concrete				
16. Structures - Movable Span				
17. Structures - Retaining Walls				
18. Structures - Miscellaneous				
19. Signing and Pavement Marking Analysis				
20. Signing and Pavement Marking Plans				
21. Signalization Analysis				
22. Signalization Plans				
23. Lighting Analysis				
24. Lighting Plans				
25. Landscape Architecture Analysis				
26. Landscape Architecture Plans				
27. Survey				
28. Photogrammetry				
29. Mapping				
30. Terrestrial Mobile LIDAR				
31. Architecture Development				
32. Noise Barriers Impact Design Assessment				
33. Intelligent Transportation Systems Analysis				
34. Intelligent Transportation Systems Plans				
35. Geotechnical				

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: 4-Way Stop Improvements at NW 54 Street and NW 84 Avenue
 County: Miami-Dade
 FPN: TBD
 FAP No.: TBD

Consultant Name: A&P Consulting Transportation Engineers, Cor
 Consultant No.: 65-770583
 Date: 2/2/2021
 Estimator: Eithel M. Sierra, PE

Staff Classification	Total Staff Hours From "SH Summary -	Project Manager	Project Engineer	CADD Technician	Clerical	0	0	0	0	0	0	0	0	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$206.00	\$145.00	\$75.00	\$58.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	26	4	8	13	1	0	0	0	0	0	0	0	26	\$3,017	\$116.04	
20. Signing & Pavement Marking Plans	6	1	2	3	0	0	0	0	0	0	0	0	6	\$721	\$120.17	
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
Total Staff Hours	32	5	10	16	1	0	0	0	0	0	0	0	32			
Total Staff Cost		\$1,030.00	\$1,450.00	\$1,200.00	\$58.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$3,738.00	\$116.81

Survey Field Days by Subconsultant
 4 - Person Crew:

SALARY RELATED COSTS:			
OVERHEAD:		0%	\$3,738.00
OPERATING MARGIN:		0%	\$0.00
FCCM (Facilities Capital Cost Money):		0.00%	\$0.00
EXPENSES:		0.00%	\$0.00
Survey (Field - if by Prime)	0	4-man crew days @	\$ - / day
SUBTOTAL ESTIMATED FEE:			\$3,738.00
Optional Services:			
GRAND TOTAL ESTIMATED FEE:			\$3,738.00

- Notes:
 1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

Project Activity 19: Signing and Pavement Marking Analysis

Estimator: Eithel M. Sierra, PE

4-Way Stop Improvements at NW 54 Street and NW 84 Avenue

TBD

Representing	Print Name	Signature / Date
City of Doral	Eugene Collings, PE	
Consultant Name	Eithel M. Sierra, PE	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
19.1	Traffic Data Analysis	LS	1	0	0	
19.2	No Passing Zone Study	LS	1	0	0	
19.3	Reference and Master Design File	LS	1	20	20	Includes the design of 4-Way Stop. • NW 54 Street and NW 84 Avenue (16 hrs)
19.4	Multi-Post Sign Support Calculations	EA	1	0	0	
19.5	Sign Panel Design Analysis	EA	1	0	0	
19.6	Sign Lighting/Electrical Calculations	EA	1	0	0	
19.7	Quantities	LS	1	1	1	1 hrs to calculate quantities
19.8	Cost Estimate	LS	1	0	0	
19.9	Technical Special Provisions	LS	1	0	0	
19.10	Other Signing and Pavement Marking	LS	1	0	0	
Signing and Pavement Marking Analysis Technical Subtotal					21	
19.11	Field Reviews	LS	1	2	2	1 person x 1 field reviews x 2 hrs (includes travel time)
19.12	Technical Meetings	LS	1	0	0	
19.13	Quality Assurance/Quality Control	LS	%	5%	1	
19.14	Independent Peer Review	LS	%	0%	0	
19.15	Supervision	LS	%	5%	1	
Signing and Pavement Marking Analysis Nontechnical Subtotal					4	
19.16	Coordination	LS	%	2%	1	
19. Signing and Pavement Marking Analysis Total					26	

Project Activity 20: Signing and Pavement Marking Plans

Estimator: Eithel M. Sierra, PE

4-Way Stop Improvements at NW 54 Street and NW 84 Avenue
TBD

Representing	Print Name	Signature / Date
City of Doral	Eugene Collings, PE	
Consultant Name	Eithel M. Sierra, PE	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Scale	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
20.1	Key Sheet		Sheet	1	2	1	2	
20.2	Summary of Pay Items Including TRNS•Port Input		LS	0	0	0	0	
20.3	Tabulation of Quantities		Sheet	1	1	1	1	
20.4	General Notes/Pay Item Notes		Sheet	1	1	1	1	
20.5	Project Layout		Sheet	0	0	0	0	
20.6	Plan Sheet		Sheet	1	2	1	2	• NW 54 Street and NW 84 Avenue
20.7	Typical Details		EA	0	0	0	0	
20.8	Guide Sign Worksheet(s)		EA	0	0	0	0	
20.9	Traffic Monitoring Site		EA	0	0	0	0	
20.10	Cross Sections		EA	0	0	0	0	
20.11	Special Service Point Details		EA	0	0	0	0	
20.12	Special Details		LS	0	0	0	0	
20.13	Interim Standards		LS	0	0	0	0	
Signing and Pavement Marking Plans Technical Subtotal						4	6	
20.14	Quality Assurance/Quality Control		LS	%	5%		0	
20.15	Supervision		LS	%	5%		0	
20. Signing and Pavement Marking Plans Total						4	6	

RESOLUTION No. 20-243

A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, AUTHORIZING THE CITY MANAGER TO NEGOTIATE AND ENTER INTO PROFESSIONAL SERVICES AGREEMENTS WITH 300 ENGINEERING GROUP, A&P CONSULTING TRANSPORTATION ENGINEERS CORP., BCC ENGINEERING, EAC CONSULTING, GANNETT FLEMING, HW LOCHNER, KIMLEY-HORN, MARLIN ENGINEERING, STANTEC, AND THE CORRADINO GROUP; FOR THE PROVISION OF PROFESSIONAL ENGINEERING AND ARCHITECTURAL SERVICES; AUTHORIZING THE CITY MANAGER TO EXPEND BUDGETED FUNDS ON BEHALF OF THE CITY; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, in response to RFQ #2020-22 titled “Professional General Engineering and Architectural Services”, the City of Doral received twenty-five (25) submittals by the August 7, 2020, 10:00 a.m. deadline; and

WHEREAS, the selected firms will be used to create a “pool” of pre-qualified consultants to provide professional general engineering and architectural services thereby reducing the costly and time-consuming process of individual solicitations; and

WHEREAS, this expedited process would follow the City of Doral Procurement Ordinance #2004-03 whereby any work in excess of the stated minimum is brought before the City Council for approval; and

WHEREAS, funding for the tasks assigned under these contracts will be budgeted each fiscal year; and

WHEREAS, Staff respectfully recommends that the City Council authorize the City Manager to negotiate and enter into professional service agreements with the following ten (10) firms: 300 Engineering Group, A&P Consulting Transportation Engineers, BCC Engineering, EAC Consulting, Gannett Fleming, H W Lochner, Kimley-Horn, Marlin

Engineering, Stantec, and The Corradino Group for the provision of professional engineering and architectural services;

WHEREAS, in the event the City cannot successfully negotiate with one of/or any of the firms recommended, staff and the City Manager are authorized to move onto the next highest ranked firm and commence negotiations, and so forth, until ten (10) firms have executed contracts.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DORAL AS FOLLOWS:

Section 1. Recitals. The above recitals are confirmed, adopted, and incorporated herein and made a part hereof by this reference.

Section 2. Approval of Rankings. The City Council hereby approves the rankings of the ten (10) firms, attached as Exhibit "A", as provided by the proposals submitted.

Section 3. Authorization. The City Manager is authorized to expend budgeted funds for professional services associated with this Professional Services Agreement.

Section 4. Implementation. The City Manager and the City Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and the provisions of this Resolution.

Section 5. Effective Date. This Resolution shall take effect immediately upon adoption.

The foregoing Resolution was offered by Councilmember Mariaca who moved its adoption. The motion was seconded by Councilmember Puig-Corve and upon being put to a vote, the vote was as follows:


Mayor Juan Carlos Bermudez	Yes
Vice Mayor Pete Cabrera	Yes
Councilwoman Digna Cabral	Yes
Councilwoman Claudia Mariaca	Yes
Councilman Oscar Puig-Corve	Yes

PASSED AND ADOPTED this 16 day of December, 2020.



JUAN CARLOS BERMUDEZ, MAYOR

ATTEST:



CONNIE DIAZ, MMC
CITY CLERK

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



LUIS FIGUEREDO, ESC.
CITY ATTORNEY