

WORK ORDER No. 08 FOR PROFESSIONAL SERVICES

TO: A&P Consulting Transportation Engineers
8935 N.W. 35 Lane, Suite 200
Miami, Florida 33172
(305) 592-7283

DATE: 3/31/2022

The City of Doral authorizes the firm of A&P Consulting Transportation Engineers to provide professional engineering design services for the driveway modification project located at 8125 NW 54 Street. Where A&P Consulting Transportation Engineers 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 A&P Consulting Transportation Engineers and the City of Doral dated January 1, 2020, and the attached Proposal dated March 31, 2022 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 dated March 31, 2022 for professional engineering design services for a driveway modification located at 8125 NW 54 Street. The schedule requires the scope of work to be completed within Two weeks as 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 \$6,619.00.

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.


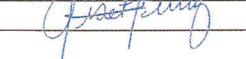
Work Order incorporates the terms and conditions set forth in the Continuing Services Agreement dated January 1, 2020 between the parties as though fully set forth herein. In the event that any terms or conditions of this Work Order conflict with the Continuing Services Agreement, the provisions of this 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

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


WITNESSES: SEAL:

1. 
2. 

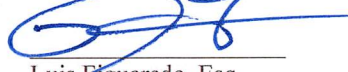
OWNER: City of Doral

BY: 
NAME: Hernan M. Organvidez
TITLE: Acting 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 WORK ORDER PROPOSAL

March 31, 2022

Dear Ms. Stephanie Bortz,

In accordance with your request, A&P Consulting Transportation Engineers, Corp. proposes to provide the services identified below for the project titled "**8125 NW 54th ST Drainage Improvements**", **Civil Engineering Services**, pursuant to its Professional Service Agreement with the City of Doral.

I. GENERAL

The purpose of this task work order is to provide services for the construction of an additional drainage along the swale area and along the valley gutter and incidental restoration, that will address ponding issues at **8125 NW 54th ST, Doral, FL 33166**.

The Consultant is to provide all project management and civil engineering services necessary for drainage improvements at the above-referenced property to address ponding issues. All plans and designs are to be prepared with English values in accordance with the FDOT Plans Preparation Manual and CADD Production Criteria Handbook. The Consultant is to provide a CD containing all CADD project files to the City at the conclusion of the project.

II. SCOPE OF WORK

Construction Plans

The City will provide as-built drawings and CADD files for the existing drainage system. A&P will prepare the following sheets necessary to convey the intent and scope of the project for the purposes of construction, based on the information received:

Key Sheet

Summary of Pay Items

Driveway Plan

Driveway Details

Trench Drain details

Drainage Analysis

Analyze and document Drainage Tasks in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums.

Design of Storm Drains

Design and Plan production of stormwater management system that will address ponding at the site. Identify in drawings all existing drainage structures and pipes.

Coordinate fully with the City of Doral's staff. All activities and submittals should be coordinated through the City's Project Manager.



Field Reviews

Perform site visits during dry weather and rainfall events to determine the effectiveness of the existing drainage system. Provide dated photographic documentation.

Technical Meetings

Meet with City staff to discuss proposed design.

Supervision

Includes all efforts required to supervise all technical drainage design activities.

IV. SCHEDULE OF WORK – TIME OF PERFORMANCE

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

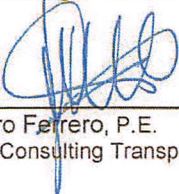
SCHEDULE OF DELIVERABLES				
<i>Task or Activity ID #</i>	<i>Task Name and/or Activity Description</i>	<i>Duration (weeks)</i>	<i>Projected Start Date</i>	<i>Projected Finish Date*</i>
1	60% Roadway and Drainage	2	NTP	NTP + 1 week
2	100% Roadway and Drainage	2	NTP + 1 week	NTP + 2 weeks
	Total Project Duration = 2 weeks			

The above durations include 1 week duration for review time by the City between each submittal.

METHOD OF COMPENSATION:

Task	Labor Fee	Consultant / Sub-consultant	Payment Method
Design Services	\$ 6,619.00	A&P	On a time and Material Basis (Limited amount)
Task Total:	<u>\$ 6,619.00</u>		

CONSULTANT'S Project Manager for this Work Order assignment will be **Lazaro Ferrero, P.E.**

Submitted by: 

 Lazaro Ferrero, P.E.
 A&P Consulting Transportation Engineers, Corp.

Reviewed and approval in concept recommended by:

 Stephanie Bortz, Project Manager
 Chief of Engineering

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>8125 NW 54th ST Drainage Improvements</u>				
Begin Milepost: _____	End Milepost: _____	Project Length: _____	Feet	
Number of Lanes: <u>5</u>	Typical Section: <u>Urban</u> (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: _____	Survey Level: _____		
Design Variations: 1. _____	Design Exceptions: 1. _____			
2. _____	2. _____			
3. _____	3. _____			
4. _____	4. _____			
5. _____	5. _____			
Proposed Design Contract Time: <u>14</u> months/days		Date of Negotiation: _____		
Project Activity:	Estimated By: Angela Baron-Ruiz		Negotiated By: A&P Consulting Transportation Engineers, Corp	
	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 FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number: 8125 NW 54th ST Drainage Improvements

Project Name: 8125 NW 54th ST Drainage Improvement

FAP Number: TBD

Date: 3/31/2022

Name of Consultant: A&P Consulting Transportation Engineers

WORK ACTIVITY	Hours from "Summary" sheet		EMPLOYEE CLASSIFICATION												TOTAL STAFF HOURS		ON CADD
	Firm Hours	Total Hours	Principal Engineer	Project Manager	Senior Engineer	Project Engineer	CADD Technician	Engineering Technician	Clerical	0	0	0	0	0	RANGE		
			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	PERCENT	
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Roadway Plans	25	0	4	2	8	6	5	0	0	0	0	0	0	25	28		
6a. Drainage Analysis	27	0	5	2	8	7	5	0	0	0	0	0	0	27	30		
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TOTALS	52	0	9	4	16	13	10	0	0	0	0	0	0	52	58		

Field Survey Estimate:

0 4-man crew days

FIRM TOTAL	52	58
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Notes:

- This worksheet provides the distribution of a firm's total staff hours for a project.
- Percentages for staff hour distribution by classification are entered below in rows 63 to 98 of this sheet.
- Total Staff Hours (column O) may not match staff hours from Summary worksheet (column B) due to rounding. Staff hours calculated for employee classifications are to be adjusted so totals in columns B and O match.
- Formulas under "Total Staff Hours Range" (columns O & P) may be adjusted to provide desired range.

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number: 8125 NW 54th ST Drainage Improvements

Project Name 8125 NW 54th ST Drainage Improvement

FAP Number: TBD

Date: 3/31/2022

Name of Consultant: A&P Consulting Transportation Engineers

Staff Hour Distribution Percentages - Firm Total														
	Hours from "Summary" sheet Firm Total	Principal Engineer	Project Manager	Senior Engineer	Project Engineer	CADD Technician	Engineering Technician	Clerical	0	0	0	0	0	Total
3. Project General and Project Common Tasks	0													0.00%
4. Roadway Analysis	0													0.00%
5. Roadway Plans	25		17.0%	8.0%	30.0%	25.0%	20.0%							100.00%
6a. Drainage Analysis	27		17.0%	8.0%	30.0%	25.0%	20.0%							100.00%
6b. Drainage Plans	0													0.00%
7. Utilities	0													0.00%
8. Environmental Permits, Compliance & Clearances	0													0.00%
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0													0.00%
10. Structures - Bridge Development Report	0													0.00%
11. Structures - Temporary Bridge	0													0.00%
12. Structures - Short Span Concrete Bridge	0													0.00%
13. Structures - Medium Span Concrete Bridge	0													0.00%
14. Structures - Structural Steel Bridge	0													0.00%
15. Structures - Segmental Concrete Bridge	0													0.00%
16. Structures - Movable Span	0													0.00%
17. Structures - Retaining Walls	0													0.00%
18. Structures - Miscellaneous	0													0.00%
19. Signing & Pavement Marking Analysis	0													0.00%
20. Signing & Pavement Marking Plans	0													0.00%
21. Signalization Analysis	0													0.00%
22. Signalization Plans	0													0.00%
23. Lighting Analysis	0													0.00%
24. Lighting Plans	0													0.00%
25. Landscape Architecture Analysis	0													0.00%
26. Landscape Architecture Plans	0													0.00%
27. Survey (Field & Office Support)	0													0.00%
28. Photogrammetry	0													0.00%
29. Mapping	0													0.00%
30. Terrestrial Mobile LIDAR	0													0.00%
31. Architecture Development	0													0.00%
32. Noise Barriers Impact Design Assessment	0													0.00%
33. Intelligent Transportation Systems Analysis	0													0.00%
34. Intelligent Transportation Systems Plans	0													0.00%
35. Geotechnical	0													0.00%

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: 8125 NW 54th ST Drainage Improvements
 County: Miami-Dade
 FPN: TBD
 FAP No.: TBD

Consultant Name: A&P Consulting Transportation Engineers, Corp
 Consultant No.: 65-770583
 Date: 3/31/2022
 Estimator: Lazaro Ferrero, PE

Staff Classification	Total Staff Hours From "SH Summary -	Principal Engineer	Project Manager	Senior Engineer	Project Engineer	CADD Technician	Engineering Technician	Clerical	0	0	0	0	0	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$210.00	\$206.00	\$155.00	\$145.00	\$75.00	\$85.00	\$58.00	\$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	25	0	4	2	8	6	5	0	0	0	0	0	0	25	\$3,169	\$126.76
6a. Drainage Analysis	27	0	5	2	8	7	5	0	0	0	0	0	0	27	\$3,450	\$127.78
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	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	\$0	#DIV/0!
23. Lighting Analysis	0	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	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	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	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	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	\$0	#DIV/0!
29. Mapping	0	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	\$0	#DIV/0!
31. Architecture Development	0	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	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	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	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	52	0	9	4	16	13	10	0	0	0	0	0	0	52		
Total Staff Cost		\$0.00	\$1,854.00	\$620.00	\$2,320.00	\$975.00	\$850.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$6,619.00	\$127.29

Survey Field Days by Subconsultant
 4 - Person Crew:

SALARY RELATED COSTS:		\$6,619.00
OVERHEAD:	0%	\$0.00
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	\$0.00
SUBTOTAL ESTIMATED FEE:		\$6,619.00
Subconsultant:		\$0.00
Subconsultant:		\$0.00
Subconsultant:		\$0.00
SUBTOTAL ESTIMATED FEE:		\$6,619.00
Optional Services: FR Aleman & Associated (Utility Investigation)		\$0.00
GRAND TOTAL ESTIMATED FEE:		\$6,619.00

- 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 5: Roadway Plans

Estimator: Lazaro Ferrero, PE

8125 NW 54th ST Drainage Improvements

TBD

8125 NW 54th ST Drainage Improvements

Representing		Print Name	Signature / Date
City of Doral		Sthephanie Bortz, CFM	
Consultant Name		Lazaro Ferrero, PE	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.1	Key Sheet		Sheet	1	4	4	
5.2	Summary of Pay Items Including Quantity Input		Sheet	1	4	4	
5.3	Typical Section Sheets						
5.3.1	Typical Sections		EA	0	0	0	
5.3.2	14		EA	0	0	0	
5.4	General Notes/Pay Item Notes		Sheet	0	0	0	
5.5	Summary of Quantities Sheets		Sheet	0	0	0	
5.6	Project Layout		Sheet	0	0	0	
5.7	Plan/Profile Sheet		Sheet	0	0	0	
5.8	Profile Sheet		Sheet	0	0	0	
5.9	Plan Sheet	1 = 40	Sheet	1	5	5	
5.10	Special Profile		Sheet	0	0	0	
5.11	Back-of-Sidewalk Profile Sheet		Sheet	0	0	0	
5.12	Interchange Layout Sheet		Sheet	0	0	0	
5.13	Ramp Terminal Details (Plan View)		Sheet	0	0	0	
5.14	Intersection Layout Details		Sheet	0	0	0	
5.15	Special Details		EA	2	5	10	

Project Activity 5: Roadway Plans

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.16	Cross-Section Pattern Sheet(s)		Sheet	0	0	0	
5.17	Roadway Soil Survey Sheet(s)		Sheet	0	0	0	
5.18	Cross Sections		EA	0	0	0	
5.19	Temporary Traffic Control Plan Sheets		Sheet	0	0	0	
5.20	Temporary Traffic Control Cross Section Sheets		EA	0	0	0	
5.21	Temporary Traffic Control Detail Sheets		Sheet	0	0	0	
5.22	Utility Adjustment Sheets		Sheet	0	0	0	
5.23	Selective Clearing and Grubbing Sheet(s)		Sheet	0	0	0	
5.24	Project Network Control Sheet(s)		Sheet	0	0	0	
5.25	Environmental Detail Sheets		Sheet	0	0	0	
5.26	Utility Verification Sheet(s) (SUE Data)		Sheet	0	0	0	
Roadway Plans Technical Subtotal						23	
5.27	Quality Assurance/Quality Control		LS	%	5%	1	
5.28	Supervision		LS	%	5%	1	
5. Roadway Plans Total						25	

Project Activity 6a: Drainage Analysis

Estimator: Lazaro Ferrero, PE

8125 NW 54th ST Drainage Improvements

TBD

8125 NW 54th ST Drainage Improvements

Representing	Print Name	Signature / Date
City of Doral	Sthephanie Bortz, CFM	
Consultant Name	Lazaro Ferrero, PE	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.1	Drainage Map Hydrology	Per Map	1	3	3	Delineation of Drainage Basins
6a.2	Base Clearance Report	Per Location	0	0	0	
6a.3	Pond Siting Analysis and Report	Per Basin	0	0	0	
6a.4	Design of Cross Drains	EA	0	0	0	
6a.5	14	Per Ditch Mile	0	0	0	
6a.6	Design of Stormwater Management Facility (Offsite or Infield Pond)	EA	0	0	0	
6a.7	Design of Stormwater Management Facility (Roadside Ditch as Linear Pond)	Per Cell	0	0	0	
6a.8	Design of Floodplain Compensation	Per Floodplain Basin	0	0	0	
6a.9	Design of Storm Drains	EA	5	3	15	
6a.10	Optional Culvert Material	EA	0	0	0	
6a.11	French Drain Systems	Per Cell	0	0	0	
6a.12	Drainage Wells	EA	0	0	0	
6a.13	Drainage Design Documentation Report	LS	0	0	0	
6a.14	Bridge Hydraulic Report	EA	0	0	0	

Project Activity 6a: Drainage Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.15	Temporary Drainage Analysis	LS	0	0	0	
6a.16	Cost Estimate	LS	1	0	0	
6a.17	Technical Special Provisions	LS	1	0	0	
6a.18	Other Drainage Analysis	LS	1	0	0	
Drainage Analysis Technical Subtotal					18	
6a.19	Field Reviews	LS	1	4	4	2 people x 2 field review x 1 hr
6a.20	Technical Meetings	LS	1	2	2	Meetings are listed below
6a.21	Environmental Look-Around (ELA) Meeting	LS	1	0	0	
6a.22	Quality Assurance/Quality Control	LS	%	5%	1	
6a.23	Independent Peer Review	LS	%	0%	0	
6a.24	Supervision	LS	%	5%	1	
Drainage Analysis Nontechnical Subtotal					8	
6a.25	Coordination	LS	%	2%	1	
6a. Drainage Analysis Total					27	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
Base Clearance Water Elevation	EA	0	0	0		0
Pond Siting	EA	0	0	0		0
Agency	EA	0	0	0		0
Local Governments (cities, counties)	EA	2	1	2	no	0
FDOT Drainage	EA	0	0	0		0
Other Meetings	EA	0	0	0		0
Subtotal Technical Meetings				2		0
Progress Meetings (if required by FDOT)	EA	0	0	0	<i>PM attendance at Progress Meetings is manually entered on General Task 3</i>	--
Phase Review Meetings	EA	0	0	0	<i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i>	--
Total Meetings				2	Total Project Manager Meetings (carries to Tab 3)	0

Carries to 6.19

Carries to Tab 3

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:

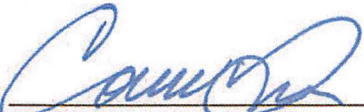
Mayor Juan Carlos Bermudez	Yes
Vice Mayor Pete Cabrera	Yes
Councilwoman Digna Cabral	Yes
Councilwoman Claudia Mariaca	Yes
Councilman Oscar Puig-Corve	Yes

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, ESQ.
CITY ATTORNEY