

WORK ORDER No. 1 FOR PROFESSIONAL SERVICES

TO: AECOM Technical Services, Inc.
2 Alhambra Plaza, Suite 900
Coral Gables, FL 33145
T: 786 255 5745

DATE: March 17, 2025

The City of Doral authorizes the firm AECOM Technical Services, Inc. (AECOM) Inc. to provide professional engineering services in the preparation of a Geotechnical report for roadway improvements along Lake Drive from NW 79th Ave to Geneva NW 48th Way and Geneva NW 48th Way from Lake Dr to NW 79th Ave. Where AECOM is a prequalified provider of professional engineering services selected in accordance with Consultant Competitive Negotiation Act (CCNA) requirements and approved by the City Council on March 13, 2024. The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Agreement between AECOM and the City of Doral dated May 21, 2024, and the attached proposal submitted by your firm for the above referenced project on March 12, 2025.

SCOPE OF SERVICES AND SCHEDULE:

The scope of the project will be described in the attached proposal from AECOM dated March 12, 2025, for the Geotechnical services. The schedule requires the work to be completed within five (5) weeks from Notice to Proceed (NTP) and includes test layout, permitting, field exploration, laboratory testing and report preparation. 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 \$20 439.12

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. The work Order incorporates the terms and conditions set forth in the Continuing Services Agreement dated May 21, 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: AECOM Technical Services, Inc.

BY: Julio
NAME: Julio Boucle, PE
TITLE: Vice President / Authorized Signatory

WITNESSES: SEAL:

1. [Signature]
2. [Signature]

OWNER: City of Doral

AUTHENTICATION:

BY: [Signature]
NAME: Zeida Sardinias
TITLE: City Manager

BY: [Signature]
NAME: Connie Diaz
TITLE: City Clerk



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

BY: [Signature]
NAME: Lorenzo Cobiella
TITLE: Gastesi, Lopez and Mestre, PLLC
TITLE: City Attorney

Scope of Consultant Services
Task Work Order No. 1
Lake Drive and Geneva Way Roadway Improvements
Contract Number: RFQ No. 2023-08

The scope of the consultant services for this Task Work Order shall consist of the following:

DESIGN SERVICES:

AECOM Technical Services, Inc (AECOM) will provide the City of Doral with the following design services:

- Preparation of geotechnical report with a soil survey sheet (FDOT Spec) for roadway improvements along Lake Drive and Geneva Way including performing fifteen (15) Standard Penetration Test (SPT) borings and laboratory classification testing on select soil and water samples.
- Project management including contract maintenance and documentation

Please see attached documentation pertaining to fee estimate including sub-consultant Geosol, Inc.

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project:

County:

FPN:

FAP No.:

Lake Drive and Geneva Way Roadway Improvements - TWO#1

Miami-Dade

RFQ No. 2023-08

N/A

Consultant Name:

Consultant No.:

Date:

Estimator:

AECOM Technical Services, Inc.

enter consultants proj. number

3/12/2025

Erik A. Boyer

Staff Classification	Total Staff Hours From "SH Summary -	Principal Engineer	Project Manager	Senior Engineer	Project Engineer	Engineering Technician	CADD Technician	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project Common and Project General Tasks	17	3	14	0	0	0	0	0	0	0	0	0	0	17	\$4,490	\$264.15
Total Staff Hours	17	3	14	0	0	0	0	0	0	0	0	0	0	17		
Total Staff Cost		\$881.28	\$3,609.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$4,490.48	\$264.15

Survey Field Days by Subconsultant

4 - Person Crew:

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.

Jeffrey Blazowski, PE

Vice President

AECOM Technical Services, Inc.

March 12, 2025

SALARY RELATED COSTS:						\$4,490.48
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-person crew days @	\$	-	/day	\$0.00
SUBTOTAL ESTIMATED FEE:						\$4,490.48
Subconsultant:	Geosol, Inc.					\$15,948.64
SUBTOTAL ESTIMATED FEE:						\$20,439.12
Optional Services						\$0.00
GRAND TOTAL ESTIMATED FEE:						\$20,439.12

Project Activity 3: General Tasks

Estimator: Erik A. Boyer						Lake Drive and Geneva Way Roadway Improvements - TWO#1	
						RFQ No. 2023-08	
Representing		Print Name				Signature / Date	
FDOT District							
Consultant Name							
NOTE: Signature Block is optional, per District preference							
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments	
3.1	Public Involvement						
3.1.1	Community Awareness Plan	LS	1	0	0		
3.1.2	Notifications	LS	1	0	0		
3.1.3	Preparing Mailing Lists	LS	1	0	0		
3.1.4	Median Modification Letters	LS	1	0	0		
3.1.5	Driveway Modification Letters	LS	1	0	0		
3.1.6	Newsletters	LS	1	0	0		
3.1.7	Renderings and Fly Throughs	LS	1	0	0		
3.1.8	PowerPoint Presentation	LS	1	0	0		
3.1.9	Public Meeting Preparations	LS	1	0	0		
3.1.10	Public Meeting Attendance/Followup	LS	1	0	0		
3.1.11	Other Agency Meetings	LS	1	0	0		
3.1.12	Web Site	LS	1	0	0		
3.1 Public Involvement Subtotal					0		
3.2	Joint Project Agreements	EA	0	0	0		
3.3	Specifications & Estimates						
3.3.1	Specifications Package Preparation	LS	1	0	0		
3.3.2	Estimated Quantities Report Preparation	Report	0	Calculated Hours	0		
		Components	0	0			
3.4	Contract Maintenance and Project Documentation	LS	1	17	17	8 hour setup + (3 hours/month x 3 month) maintenance and documentation = 17 hours	
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1	0	0		
3.6	Prime Consultant Project Manager Meetings	LS	1	0	0	See listing below	

Project Activity 3: General Tasks

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.7	Plans Update	LS	1	0	0	
3.8	Post Design Services	LS	1	0	0	
3.9	Digital Delivery	LS	1	0	0	
3.10	Risk Assessment Workshop	LS	1	0	0	
3.11	Railroad, Transit, and/or Airport Coordination	LS	1	0	0	
3.11.1	Aeronautical Evaluation	LS	1	0	0	
3.12	Landscape and Existing Vegetation Coordination	LS	1	0	0	
3.13	Other Project General Tasks	LS	1	0	0	
3. Project Common and Project General Tasks Total					17	
3.6 - List of Project Manager Meetings		Units	No of Units	Hours/ Unit	Total Hours	Comments
Roadway Analysis		EA	0	0	0	
Drainage		EA	0	0	0	
Selective C&G		EA	0	0	0	
Utilities		EA	0	0	0	
Environmental		EA	0	0	0	
Structures		EA	0	0	0	
Signing & Pavement Marking		EA	0	0	0	
Signalization		EA	0	0	0	
Lighting		EA	0	0	0	
Landscape Architecture		EA	0	0	0	
Survey		EA	0	0	0	
Photogrammetry		EA	0	0	0	
ROW & Mapping		EA	0	0	0	
Terrestrial Mobile LiDAR		EA	0	0	0	
Architecture		EA	0	0	0	
Noise Barriers		EA	0	0	0	
ITS Analysis		EA	0	0	0	
Geotechnical		EA	0	0	0	
Progress Meetings		EA	0	0	0	
Phase Reviews		EA	0	0	0	
Field Reviews		EA	0	0	0	
Total Project Manager Meetings			0		0	Total PM Meeting Hours carries to Task 3.6 above

- Notes:
- 1. If the hours per meeting vary in length (hours) enter the average in the hour/unit column.
 - 2. Do not double count agency meetings between permitting agencies.
 - 3. Project manager meetings are calculated in each discipline sheet and brought forward to Column D.

AECOM
110 East Broward Boulevard, Suite 700
Fort Lauderdale, FL 33301

March 10, 2025
(Revised March 12, 2025)

Attention: Mr. Erik Augusto Boyer, P.E. - Project Manager, Transportation

Re: **Technical and Fee Proposals for Geotechnical Services**
Proposed Lake Drive and Geneva Way Improvements
City of Doral, Florida
GEOSOL Proposal No. P-225130-R2

Dear Mr. Boyer:

GEOSOL, Inc. (GEOSOL) is pleased to submit the enclosed technical and fee proposals to provide geotechnical services for the above-referenced project. The enclosed proposal was prepared in accordance with the scope of services you provided on March 6, 2025. Based on our discussion, we understand that this project consists of roadway reconstruction along Lake Drive and Geneva Way/NW 48th Street from NW 78th Avenue to Washkewicks Way in the City of Doral, Florida with a total length of about 2,950 linear feet. Specifically, geotechnical services will be required in order to explore the subsurface conditions to provide site preparation recommendations for the proposed roadway improvements. As you requested, the geotechnical services will consist of the following:

- 1) Perform fifteen (15) Standard Penetration Test (SPT) borings to depths of 6 feet for use in roadway reconstruction. The SPT borings will be generally performed at 200-foot intervals along the alignment of the proposed roadway reconstruction. The SPT boring will be performed in accordance with ASTM D-1586.
- 2) Perform laboratory classification testing on select soil and water samples.
- 3) Prepare a geotechnical report with geotechnical recommendations including a soil survey sheet (FDOT Spec) for the proposed roadway reconstruction

Based on the anticipated scope of services, we are anticipating that we can submit a geotechnical report within four (4) to five (5) weeks after receiving Notice to Proceed (NTP) and includes test layout, permitting, field exploration, laboratory testing and report preparation.

The estimated total fee for the performance of the geotechnical services for this project is **\$15,948.64**. The fee proposal is provided in Attachment 1 for your review.

GEOSOL appreciates the opportunity to submit these proposals and looks forward to a successful team effort on this and future projects. If you have any questions, please do not hesitate to call our office.

Sincerely,
GEOSOL, INC.



Oracio Riccobono, P.E.
Chief Geotechnical Engineer/President



Adnan Ismail, P.E.
Senior Geotechnical Engineer

Attachments: (1) Fee Proposal

cc: Addressee (1); File (1)



5795-A N.W. 151st Street
Miami Lakes, FL 33014
Phone (305) 828-4367; Fax (305) 828-4235
E-mail: geosolusa@bellsouth.net

ATTACHMENT 1

FEE PROPOSAL



GEOSOL, INC.
FEE PROPOSAL FOR GEOTECHNICAL SERVICES
Proposed Lake Drive and Geneva Way Improvements
City of Doral, Florida

GEOSOL PROPOSAL No. P-225130-R2

<u>DESCRIPTION</u>	UNITS	# OF UNITS	UNIT RATE (\$)	TOTAL \$
=====				
<u>1. FIELD INVESTIGATION</u>				
Mobilization of Truck Mounted Drill Rig	day	3	\$401.27	\$1,203.81
Standard Penetration Test Borings - 15 locations to 6 ft in depth for roadway reconstruction	feet	90	\$22.93	\$2,063.70
Grout Seal Boreholes	feet	90	\$9.17	\$825.30
MOT - Cones, Barricades and Sign Devices	day	3	\$250.00	\$750.00
Engineering Technician (Boring Layout, Utility Clearance, Field Meetings, MOT, etc.)	hour	15	\$142.40	\$2,136.00
SUB-TOTAL (FIELD EXPLORATION PROGRAM)				\$6,978.81
<u>2. LABORATORY PROGRAM</u>				
Natural Moisture	each	8	\$43.57	\$348.56
Grain Size Analysis	each	8	\$73.37	\$586.96
Material Finer than 200 Sieve	each	8	\$51.59	\$412.72
Organic Content	each	8	\$57.32	\$458.56
Resistivity (Corrosion) Testing	each	1	\$165.10	\$165.10
TOTAL LABORATORY PROGRAM				\$1,971.90
TOTAL FIELD AND LABORATORY PROGRAMS				\$8,950.71
<u>3. ENGINEERING AND TECHNICAL SERVICES</u>				
Principal Engineer	hour	6	\$293.76	\$1,762.56
Senior Engineer	hour	10	\$238.40	\$2,384.00
Project Engineer	hour	8	\$199.85	\$1,598.80
CADD Technician	hour	7	\$125.15	\$876.05
Clerical	hour	4	\$94.13	\$376.52
SUB-TOTAL (ENGINEERING SERVICES)				\$6,997.93
TOTAL GEOTECHNICAL FEES FOR PROJECT				\$15,948.64