

WORK ORDER No. 13 FOR PROFESSIONAL SERVICES

TO: F.R. Aleman and Associates, Inc.
8550 NW 33 Street, Suite 202
Doral, Florida 33122
(305) 551-4608

DATE: June 10, 2020

The City of Doral authorizes the firm of F.R. Aleman and Associates, Inc. to provide professional engineering services for geotechnical investigations of the adaptive re-use area. Where F.R. Aleman and Associates, Inc. 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 November 2017 through Resolution 17-202. The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Final Agreement between F.R. Aleman and Associates, Inc. and the City of Doral dated February 26, 2018, and the attached Proposal dated May 13, 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 F.R. Aleman and Associates, Inc. dated May 13, 2020. The scope includes geotechnical investigations of the adaptive re-use area. Schedule to complete the work is 30 days after the Notice to Proceed is issued per this work order. The performance of services associated with this Work Order will be executed on a time and material basis not to exceed the amount of \$27,407.00.

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.

This Work Order incorporates the terms and conditions set forth in the Continuing Services Agreement dated February 26, 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: F.R. Aleman and Associates, Inc.

BY: [Signature]
NAME: Amazia Kiboko, P.E, PTOE
TITLE: Vice President

WITNESSES: SEAL:

1. [Signature]
2. _____

OWNER: City of Doral

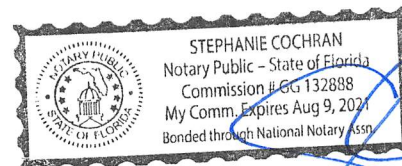
BY: [Signature]
NAME: Albert P. Childress
TITLE: City Manager

AUTHENTICATION:

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

APPROVED AS TO FORM:

BY: [Signature]
NAME: Luis Figueredo, ESQ.
TITLE: City Attorney





T 305.591.8777 E AMAZIA.KIBOKO@FR-ALEMAN.COM
F 305.599.8749 W FR-ALEMAN.COM

May 13, 2020

City of Doral
Eugene Collings-Bonfill, PE
8401 NW 53rd Terrace
Doral, FL 33166
Eugene.Collings@cityofdoral.com

Reference: Price Proposal for Geotechnical Services
Project No: RFQ 2017-21 for Professional Services
Work Order: Geotechnical Services along NW 84th Avenue, NW 82nd Avenue, NW 54th Street, and NW 56th Street
FRA Project No: 3066

Dear Mr. Collings-Bonfill,

FR Aleman & Associates, Inc (FRA) and GCES Engineering Services, LLC (GCES) is pleased to submit this proposal to provide Geotechnical Services along NW 84 Avenue, NW 82 Avenue, NW 54 Street, and NW 56 Street.

Description of Services & Deliverables

General

Pursuant to the Scope of Work of the Professional Service Agreement, FRA and GCES shall provide professional services in support of the City's Department of Public Works for the above-mentioned project.

Scope of Work

The purpose of the geotechnical services is to obtain subsurface soil data to characterize subsurface conditions. These services will include field and laboratory testing programs. The field program will consist of the following services:

- Site Reconnaissance
- Subsurface Exploration
- Obtain pavement cores
- Conduct ten (10) exfiltration test "Usual Open Hole tests"
- Provide MOT operations will be required during field work
- Sampling of the test borings
- Groundwater levels measured during the field investigation

A detailed scope of work is elaborated on Attachment A: Geo-Technical Services by GCES Scope of Work.

10305 NW 41ST STREET, SUITE 200
MIAMI, FLORIDA 33178

Data Provided by the City

The City of Doral shall provide FRA with any data information available to perform the scope of work.

Conditions & Understanding

- Requests outside of the scope of this proposal will be discussed and agreed upon prior to starting additional work.
- This proposal is valid for acceptance for 30 days, after which time it will be subject to review and adjustment by FRA with current rates.

Fee Proposal

Our estimated fee to perform the requested survey and SUE services, and subject to the qualifications as stated herein, is a LUMP SUM AMOUNT, not to exceed \$27,407.

* See attached table for a breakdown of the rates.

** This estimate is a lump sum and additional documentation for billing will not be provided.

On behalf of FR Aleman & Associates, I thank you again, for the opportunity to work with you and to serve Stantec on this important project.

Sincerely,



Amazia Kiboko, PE, PTOE
Vice President

Approved by: _____

Print Name: _____
City of Doral

PROFESSIONAL GENERAL ENGINEERING AND ARCHITECTURAL SERVICES RFQ NO.: 2017-21

Prime Consultant: F.R. Aleman and Associates, Inc

City of Doral -Geotechnical Services along NW 84 Avenue, NW 82 Avenue, NW 54 Street, and NW 56 Street

	PM	SE	PE	SM	SM	CI	
Task/ Description	Project Manager	SR Engineer	Project Engineer	Survey Technician	Cadd Technician	Clerical	Total
General Overall Project Manager	11	4	0			2	17
Provide Monthly Status ; Invoicing and all Coordination with Project Administration; To include Kick off Meeting and Project Closeout Meeting; Project Coordination	0						0
Total hours	11	4	0	0	0	2	
Hourly Rate:	\$160.00	\$146.00	\$120.00	\$85.00	\$63.00	\$55.00	
Subtotal	\$1,760.00	\$584.00	\$0.00	\$0.00	\$0.00	\$110.00	

FR ALEMAN ESTIMATED FEE (Management) - SUB TOTAL STAFF HOURS \$2,454

TOTAL F.R. Aleman and Associates, Inc (Management Services Fee)	\$2,454
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SUB-TOTAL : GCES ENGINEERING SERVICES (attached fee)	\$ 24,953.00
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Total Fee	\$27,407
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City of Doral

Sub Consultant: GCES Engineering Services, LLC.

Task: Geotechnical Services for NW 58 Street								
	PM	SE	PE	CI	ET	SM	CI	
Task/ Description	Project Manager	SR Engineer	Project Engineer-	Construction Inspector	Engineering Tech	Surveyor & Mapper	Clerical	Total
1.1 Field Exploration	8	20	30		65	0	8	131
1.2 Laboratory Testing	4	0	8	0	40	0	6	58
1.3 Geotechnical Data Report	4	8	14	0	8	0	12	46
1.4 Maintenance of Traffic	1		2		22		2	
Total hours	17	28	54	0	135	0	28	262
Hourly Rate:	\$160.00	\$146.00	\$120.00	\$70.00	\$75.00	\$105.00	\$55.00	
Subtotal	\$2,720.00	\$4,088.00	\$6,480.00	\$0.00	\$10,125.00	\$0.00	\$1,540.00	
ESTIMATED FEE -		\$24,953.00						

Attachment A:
Geo-Technical Services by GCES
Scope of Work

GCES Engineering Services, LLC.
10860 NW 138th Street | Unit 4 | Hialeah Gardens, FL 33018
P: 305.964.0669 | C: 954.440.8623
www.gces-usa.com

May 12, 2020

Amazia Kiboko, PE, PTOE
Vice President
FR Aleman
10305 NW 41st Street,
Suite 200,
Miami, FL 33178

O 305.591.8777 C 305.586.7234
E Amazia.Kiboko@FR-Aleman.com

Subject: Proposal/Agreement for Geotechnical Services
Proposed Roadway and Drainage Improvements
City of Doral, Miami-Dade County, FL
GCES Proposal No. P10-0520001

Dear Amazia:

GCES Engineering Services, LLC (GCES) is pleased to present this proposal/agreement for performing geotechnical services for the above referenced project. GCES understands that the project involves the improvement of the following roadways:

- NW 84 Avenue;
- NW 82 Avenue;
- NW 54 Street, and NW 56 Street;
- Intersections only of NW 87 and 79 Avenues.

The total length of roadway improvement is approximately 10,500 Linear feet. The proposed improvement will include possible widenings and some areas may be built out from ROW to ROW possibly including sidewalks, shared use paths and on street parking. We understand the City intends to advertise the project area as a design-build for a complete streets program of roadway improvements. Therefore, geotechnical data is needed to be included as attachments to the RFP.

A geotechnical data report (GDR) will be developed which will contain information that will be gathered during the exploration and laboratory testing. Our report does not include geotechnical (interpretation) of the subsurface site conditions and recommendations. The Design Build firm will be responsible to obtain additional information at locations critical to their planning and design.

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Based on your request for proposal, and our understanding of the project and following FDOT Soils and Foundations Handbook, we propose the following scope of work and fee schedule.

SCOPE OF SERVICES

Field Exploration

The purpose of the geotechnical services is to obtain subsurface soil data to characterize subsurface conditions. These services will include field and laboratory testing programs. The field program will consist of providing the following services:

- **Site Reconnaissance:** A geotechnical specialist will conduct a site reconnaissance prior to the subsurface exploration. The site reconnaissance will note surface features that may impact or require consideration regarding the planned subsurface exploration.
- **Subsurface Exploration:** Soil survey explorations will be required along the existing roadway section for the purpose of defining subsurface material and be used in the design of the pavement section, as well as in defining the limits of unsuitable materials and any remedial measures to be taken. Based on the 10,500 ln. ft. of new roadway widening, at least one boring shall be placed at each 200-foot interval, for a total of 53 borings. Thirty Two (32) borings will be extended a minimum of 6 feet below grade and twenty-one (21) borings to a nominal depth of 10 feet below grade.
- **Obtain pavement cores** using a 6-inch diameter core barrel to determine pavement thickness. A total of 10 pavement cores will be taken from the existing roadway. We understand that samples of the underlying base course/subbase materials are not required. The core holes will be patched upon completion using a cold mix asphalt.
- **In addition, GCES will conduct ten (10) exfiltration test “Usual Open Hole tests”** to a depth of 20 feet below existing ground surface in accordance with South Florida Water Management District (SFWMD) to determine the hydraulic conductivity of the subsoils for drainage improvements.
- **MOT operations will be required during field work.**

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- Sampling of the test borings will be conducted in general accordance with ASTM D1586 standards. Continuous samples are typically obtained in the top 10 feet, and one sample is generally obtained every 5 feet for the remaining depth of the boring, when required.

Groundwater levels measured during the field investigation will be noted in the boring logs. Upon completion of drilling the borings and observation of groundwater levels the boreholes will be backfilled with grout.

Underground Utilities, Site Access and Boring Locations

Items to be provided by the client include the right of entry to conduct the exploration and an awareness and location of any subsurface utilities existing in the area, including those privately held and/or not members of Sunshine State One Call of Florida (SSOCOF). Also, if there are any other restrictions or special requirements regarding this site or exploration, these should also be known prior to our commencing fieldwork.

We will contact SSOCOF regarding location of underground utilities at the project site. By state law, the utility locator services are afforded a minimum of 2 full business days to clear or locate and mark utilities prior to commencement of drilling. Please note, however, that the utility locating service can locate utilities within public rights-of-ways and easements, but generally is not able to locate privately owned utilities. GCES is not responsible to the extent of any loss, damage, or injury caused by the failure to locate a utility properly or by inaccurate and/or incomplete information provided by others.

This proposal is based on the boring locations being accessible to a conventional truck mounted drill rig without any clearing being necessary, no permit is required to perform our field work and the work can be performed during normal business hours. If permit is required, it will be provided by the FR Aleman.

The boring locations will be marked in the field by GCES personnel using layout procedures. The borings will be located based on provided GPS coordinates. The boring locations will be documented with a hand held GPS device. The surveying of the boring locations and elevations is not included in the geotechnical scope of work. Approximate elevations can be estimated from the contours of a topographic site plan, if provided.

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Traffic Control

The field exploration may require a Right of Way (ROW) Permit to be issued by City of Doral Department of Transportation & Public Works prior commencing the field work. We understand the City of Doral will assist in providing the necessary permits for proposed roadway closure or roadway security measures or, if required, off-duty police officer. The field work will be coordinated to try and minimize the amount of traffic interruption. Flagmen, barricades, variable message boards and/or directional arrows, if needed, will be used to allow continuous traffic flow. The standards of practice that will be used for Maintenance of Traffic (M.O.T.) will be obtained from the FDOT Design Standards.

Laboratory Testing

In the laboratory, where appropriate, moisture, organic content and other classification tests (i.e. grain size analysis, #200 sieve wash, organic) will be performed on representative split-barrel samples to aid in classification. Soil samples will be visually classified in general accordance with the Unified Soil Classification System (USCS) and as per ASTM D-3282. Laboratory testing on rock samples is not included in our scope of services. Corrosion series (pH, minimum resistivity, chloride, and sulfate, will be performed on selected soil samples.

Geotechnical Data Report (GDR)

After completion of the field and laboratory testing programs, the data and conditions will be analyzed and a data report will be prepared by or under the supervision and be signed and sealed by a registered professional engineer in the state of Florida. The GDR will be prepared based upon the results and findings of the field investigation and laboratory testing. We will assemble all data and information that has been obtained in the course of the site characterization efforts, and disclose this information in an organized fashion. This report will contain the following:

- A brief review of our test procedures and the results of testing conducted;
- Classification of soils recovered during the testing;
- Boring location plan, computer generated boring logs with soil stratification based on visual soil classification and groundwater levels;
- Borehole water level measurements at the test locations;
- A summary of the area and site geologic conditions;

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- Review of the county soil survey map;
- Summary of the laboratory test results;
- Prepare a Geotechnical Data Report (GDR) to provide geotechnical information pertaining to the site subsurface soil, rock, and water conditions to support the city with the RFP.

Deliverables:

- One Geotechnical Data Report (One hard copy and one electronic copy in pdf format).

COMPENSATION

Based on a single mobilization of the required personnel to and from the site, and the work scope outlined herein, we will perform the geotechnical services as detailed in Exhibit A. As noted, MOT operations will be required during field work. The MOT operations will be performed, and the fees are included in Exhibit A. A summary of our fees is presented below:

<i>Field Work, Laboratory Testing And Geotechnical Engineering Services</i>	\$22,793.00
<i>Maintenance of Traffic (MOT) During Drilling Operations</i>	\$2,160.00
TOTAL.....	\$24,953.00

If poor subsurface conditions are encountered which warrant additional work, we will contact you to discuss the conditions and together determine how best to proceed.

SCHEDULE

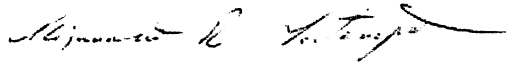
The field work should take about ten to fifteen days to complete assuming that we will be allowed to perform the field work as a continuous effort and normal weather conditions; and that utilities are cleared by the locating services in a timely fashion. The report should be available within approximately ten to fifteen working days after the field work is complete.

This proposal may be accepted by executing the signature page of this proposal and returning an executed copy to GCES. The terms, conditions and limitations stated in the attached Agreement for Services (and sections of this proposal incorporated therein), shall constitute the exclusive terms and conditions and services to be performed for this project.

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Proposed Roadway and Drainage Improvements
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GCES Engineering Services, LLC. appreciates the opportunity to present this proposal. We look forward to working with you on this and future projects.

Respectfully,

A handwritten signature in black ink, appearing to read "Alejandro R. Montenegro". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Alejandro R. Montenegro, PE
President\CEO

FR Aleman
Proposed Roadway and Drainage Improvements
City of Doral, Miami-Dade County, FL
GCES Proposal No. P10-0520001

Reports and invoices will be addressed to the client as listed below unless other instructions are provided in writing with this executed proposal. This proposal may be accepted by executing the signature page of this proposal and returning an executed copy to GCES.

SIGNATURE: _____ DATE: _____

PRINT NAME: _____ TITLE: _____

ADDRESS: _____

PHONE: _____ FAX: _____

cc: File

GCES Proposal No. P10-0120001

RESOLUTION No. 20-115

A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, APPROVING A WORK ORDER BETWEEN THE CITY OF DORAL AND F.R. ALEMAN FOR THE PROVISION OF GEOTECHNICAL ANALYSIS SERVICES WITHIN THE ADAPTIVE RE-USE AREA IN AN AMOUNT NOT TO EXCEED \$27,407.00; RECOGNIZING THAT F.R. ALEMAN IS A CITY OF DORAL PRE-QUALIFIED VENDOR; AUTHORIZING THE CITY MANAGER TO EXECUTE THE WORK ORDER AND EXPEND BUDGETED FUNDS ON BEHALF OF THE CITY; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, at the May 2020 Council meeting, the City Council approved changes to the Comprehensive Plan and Land Development Code that would create an overlay district effectively labeled the adaptive re-use area; and

WHEREAS, in order to promote the redevelopment of the subject area and provide a pedestrian friendly and safe mobility network, the Public Works Department (PWD) will pursue the design and construction of infrastructure improvements to accommodate these necessities; and

WHEREAS, in order to solicit potential design-build firms the City must provide some required data for the efficient and effective development of conceptual design during the procurement phase; and

WHEREAS, one of the necessary attachments and criteria will be a geotechnical investigation of the area in order to allow potential design-build firms to submit properly designed conceptual plans and provide an accurate fee proposal which would limit change orders during construction; and

WHEREAS, the City of Doral Public Works Department (PWD) recommends securing a firm for the provision of geotechnical services within the adaptive re-use area in order to provide accurate information to potential proposers; and

WHEREAS, F.R. Aleman 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 December 2014; and

WHEREAS, the PWD requested a proposal from F.R. Aleman for the provision of geotechnical analysis services within the adaptive re-use area; and

WHEREAS, F.R. Aleman submitted a proposal in an amount not to exceed \$27,407.00; and

WHEREAS, Staff respectfully requests that the Mayor and the City Council Members approve the Work Order with F.R. Aleman; and

WHEREAS, the PWD respectfully requests authorization from the Mayor and the City Council Members to authorize the City Manager to expend available funds in the Public Works General Fund, Account No. 001.80005.500650.

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 part hereof by this reference.

Section 2. Approval. The Work Order between the City of Doral and F.R. Aleman for the provision of geotechnical services within the adaptive re-use area; in an amount not to exceed \$27,407.00, a copy which is attached hereto as Exhibit "A", is hereby approved.

Section 3. Authorization. The City Manager is authorized to execute the Work Order and expend budgeted funds on behalf of the City in furtherance hereof.

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.