



**EXHIBIT “F”
HIDALGO COUNTY
Professional Engineering Services
Agreement # C-22-0603-10-04**

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of the Professional Engineering Services Agreement No. C-22-0603-10-04, incorporated herein by reference, for the “**Schuerbach Health Clinic Forensic Investigation**” made by and between HIDALGO COUNTY, action herein by and through the Commissioner’s Court, hereinafter called the “**Owner,**” and Millennium Engineers Group, Inc., hereinafter called “**Engineer**”.

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the **Engineer** to include three (3) 20-foot soil borings for the building footprint and one (1) 10-foot hand auger soil boring with one (1) concrete core for the indoor area. The report will include water table measurements, soil classification testing, laboratory testing, soil strength characteristics, and Forensic Investigation Findings.

The **Engineer** is to provide the scope of Services as required by the Agreement with Owner.

The scope of services to be provided by the **Engineer** is identified in **Attachment “A” – “Scope of Services to be provided by Engineer”** attached hereto and incorporated by reference.

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is **\$9,489.20**. This amount is based upon the costs outlined in the **Attachment “B” – “Fee Proposal”** attached hereto and incorporated by reference.

PART 3. PAYMENT

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the **Professional Engineering Services Agreement No. C-22-0603-10-04** between the **Owner** and the **Engineer**.

PART 4. FUNDING

This Work Authorization No. 1 shall be funded through funding source:

Account No. **2-1200-431-00-123-005-0-334**

Requisition Number **00463841** (MUST BE INCLUDED AFTER CC APPROVAL)

PART 5. PERIOD OF SERVICE

This Work Authorization shall become effective on the date of final acceptance of the parties hereto, and terminate **upon completion of the scopes of the Work Authorization, within the limits of Agreement No. C-22-0603-10-04 , provided in this Work Authorization; or on**

(_____ DATE _____). *If applicable:* Engineer shall conform to the approved "Work/Project Schedule", attached hereto and incorporated by reference herein as Attachment "C".

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties' responsibilities and obligations provided under the **Agreement No. C-22-0603-10-04.**

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and confirmation by **Hidalgo County Precinct 3, Commissioner Everardo "Ever" Villarreal**, as to content and detail of this **Work Authorization No. 1.**

HIDALGO COUNTY PRECINCT No. 3

Everardo "Ever" Villarreal
By: Everardo "Ever" Villarreal (Nov 17, 2022 10:15 CST)
Everardo "Ever" Villarreal, Commissioner

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted and approved by Hidalgo County Commissioners' Court and hereby executed and effective as of the date indicated below.

APPROVED BY COMMISSIONERS' COURT ON November, 15th 2022.
Agenda Item No. 88265 Executive Office: *me*
MS

ENGINEER:
MILLENNIUM ENGINEERS GROUPS, INC.

Andres Palma

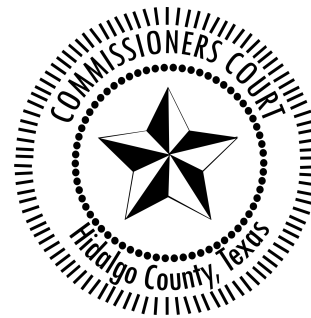
Sergio Tovar,
Executive Director of Project Management &
Administration

COUNTY:
COUNTY OF HIDALGO

Richard F Cortez

Hon. Richard F. Cortez, County Judge

ATTEST:



Arturo Guajardo Jr.

Arturo Guajardo, Jr., County Clerk

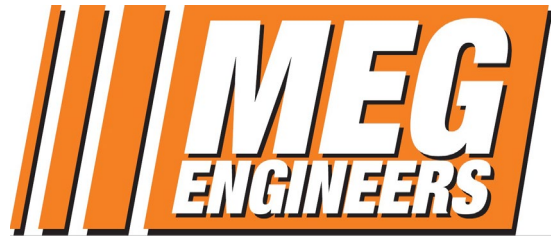
LIST OF ATTACHMENTS:

- Attachment "A"** – *Scope of Services to be provided by Engineer*
- Attachment "B"** – *Fee Proposal*
- Attachment "C"** – *Approved Work/Project Schedule (If applicable)*



ATTACHMENT A

PROJECT SPECIFIC SCOPE OF SERVICES TO BE PROVIDED BY ENGINEER



October 28, 2022

Alexis M. Bernal
Executive Assistant
Precinct 3 Hidalgo County
724 Breyfogle Road
Mission, TX 78574
(956) 585-4509
alexis.bernal@co.hidalgo.tx.us

Subject: **Geotechnical Engineering Services**
Proposed Schuerbach Health Clinic Forensic Investigation
Mission, Hidalgo County, Texas
MEG Proposal No. 01-22-260G

Dear Ms. Bernal (CLIENT):

Millennium Engineers Group, Inc. (MEG) is pleased to submit this proposal for the subject project to offer our services for Geotechnical Engineering Services as outlined below. This proposal, our proposed scope of services, and the estimated item quantities are based upon the project information provided to us by the CLIENT and/or authorized representative.

The cost for services on this project is **\$9,489.20**

The Geotechnical Engineering Services will include three (3) 20-foot soil borings for the building footprint and one (1) 10-foot hand auger soil boring with one (1) concrete core for the indoor area. The report will include water table measurements, soil classification testing, laboratory Testing, soil strength characteristics, and Forensic Investigation Findings.

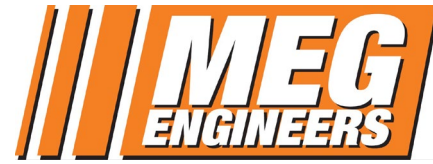
The estimate provided is for the proposed Schuerbach Health Clinic Forensic Investigation in Mission, Hidalgo County, Texas. If there is any change in the project requirements provided to us from those mentioned below, please notify us of the changes and the estimate can be revised accordingly.

We appreciate the opportunity of submitting this proposal and look forward to working with you on the planning and design phase of this project. If there are any questions regarding the proposed scope of work please contact us at (956) 702-8500. Upon your authorization we will begin immediately on the services that you have requested.

Sincerely,
MILLENNIUM ENGINEERS GROUP, INC.
TBPE Firm No. F-3913

A handwritten signature in blue ink that reads "Raul Palma".

Raul Palma, P.E.
Chief Engineer



SCOPE OF SERVICES

The Geotechnical Engineering Services will include three (3) 20-foot soil borings for the building footprint and one (1) 10-foot hand auger soil boring with one (1) concrete core for the indoor area. The report will include water table measurements, soil classification testing, laboratory testing, soil strength characteristics, and Forensic Investigation Findings.

Environmental, Construction Materials Engineering and Testing services if requested from the Engineer will be considered additional services.

TASK I – Initial Project Coordination, Utility Coordination and Field Services

- A. Review and discussion of initial plans provided by client.
- B. Review of utility plans provided by client and/or owner and call Texas One Call for utility location markings for client and/or owner.
- C. Review of available geologic mapping of the project location.
- D. Provide drilling services for field testing and obtain soils samples for laboratory testing.
- E. Obtain depth of water table if any is found.

TASK II – Laboratory Testing and Report Preparation

- A. Evaluate and visually classify soil samples.
- B. Evaluate soil samples through a series of laboratory tests to determine engineering properties.
- C. Review and analyze the results of the soil testing.
- D. Determine engineering properties of the soils and prepare foundation and/or pavement recommendations.
- E. Provide an electronic copy and two printed copies of engineering report.

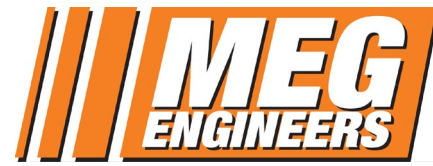
SCHEDULE

MEG is typically able to schedule a drill rig to the project site within 5 working days after receiving written authorization and notice to proceed. The field drilling and testing activities should take 2 day to complete. Field drilling and testing activities are dependent on the availability of the required site plan and project information, weather, utility locate, and accessibility at the project site. Once the field drilling and testing activities are completed, MEG can provide a preliminary assessment of the site conditions encountered. If a draft of the geotechnical report is required prior to the final geotechnical report completion, please notify us accordingly. The final report is typically completed within 3 weeks from the authorization date. This schedule is typical for the scope of work described herein, please notify us if your needs and project requirements are different.



ATTACHMENT B

FEE PROPOSAL



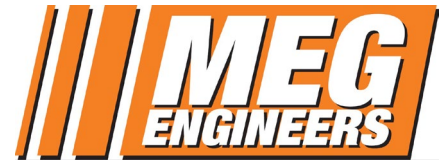
COMPENSATION

MEG will accomplish the services described in Task I through Task II on the basis of a lump sum fee of **\$9,489.20** Services will be billed as follows: **100% prior to the submittal of the report.**

The fee presented in this proposal and outlined in the *Professional Services Unit Rate Schedule* section are based on prompt payment for services. Late fees will be charged if payment is not received in accordance with the terms as outlined in the *Provisions* section of this proposal.

Task	Qty.	Unit Rate	Estimated Cost
Drilled Borings - In Soil 0 - 50 feet (Per Foot)	70.00	32.00	2,240.00
Rig Mobilization and Demobilization (per trip)	1.00	450.00	450.00
Coring Rig (per day)	1.00	95.00	95.00
Concrete Cores by Circumference Area (Min 100 sq. in)	100.00	2.00	200.00
Trip Charge for Logger (each mile)	34.00	0.80	27.20
Technican to Log Soil Test Boring (per hour)	12.00	75.00	900.00
Standard Penetration Test (each test)	26.00	12.00	312.00
Field Coordination - Utility Clearance (per hour)	10.00	75.00	750.00
Sub-Total (Geotechnical Drilling & Field Services)			4,679.20
Material Preparation Time (per hour)	5.00	85.00	425.00
Moisture Content (each test)	26.00	13.00	338.00
Soil Engineering Technician (per hour)	5.00	85.00	425.00
Percent Passing No. 200 Sieve (each test)	7.00	58.00	406.00
Atterberg Limits (each test)	11.00	80.00	880.00
Sub-Total (Laboratory Testing)			2,474.00
Principal Engineer (per hour)	5.00	190.00	950.00
Project Engineer (per hour)	4.00	175.00	700.00
Clerical/Administrative (per hour)	2.00	73.00	146.00
Staff Engineer (per hour)	4.00	135.00	540.00
Sub-Total (Engineering Analysis and Reporting)			2,336.00

Total Estimated Cost: 9,489.20



The following assumptions were used in preparing the proposal:

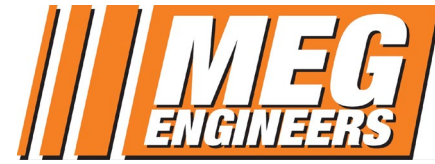
- The Client will provide the right-of-entry to conduct the geotechnical engineering services at the subject property.
- MEG's proposal assumes that the reasonably recommended amount of borings and depth will be able to be accomplished with a standard truck mounted drill rig or as otherwise stated herein.
- MEG's proposal assumes that the reasonably recommended laboratory testing will provide sufficient data for the planned development. During the geotechnical drilling activities, if conditions are encountered that changes in the scope of services as provided herein you will be contacted for discussion and approval of any changes prior to MEG is to proceed.
- The total estimated cost and our fee for the geotechnical services does not include the cost for attendance of meetings, conference call attendance, further engineering analysis, review of project documents, depositions, and court appearances beyond those specifically discussed in the scope of services herein. The fees for any additional services will be invoiced with the standard rate of services attached herein.

PLEASE SIGN THE FOLLOWING SHEET AND RETURN FOR AUTHORIZATION OF SERVICES AND PROJECT SETUP.



ATTACHMENT C

APPROVED WORK/PROJECT SCHEDULE



SCOPE OF SERVICES

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WA No. 1 to C-22-0603-10-04

Final Audit Report

















2022-11-18

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 Agreement completed.

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