

HIDALGO COUNTY UCP
Professional Engineering Services- Material Testing

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 1 of the Agreement made by and between **HIDALGO COUNTY**, acting herein by and through the **Hidalgo County Urban County Program**, hereinafter called the “**Owner**,” and, **Millennium Engineers Group, Inc.**, professional engineers of **McAllen**, Texas, hereinafter called “**Engineer**”.

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the **Engineer** to provide **Professional Engineering –Material Testing Services for 2025 Sullivan City Street Improvements Project.**

The scope of services to be provided by the **Owner** is identified in ***EXHIBIT “A” – Scope of Services to be Provided by the Owner*** attached hereto.

The scope of services to be provided by the **Engineer** is identified in ***EXHIBIT “B” – Scope of Services to be Provided by the Engineer*** attached hereto.

PART 2. CONTRACT AMOUNT

The estimated cost for services under this Work Authorization is **\$5,963.10**. This amount is based upon the costs outlined in the **Contract Amount** attached hereto as **EXHIBIT “D”**.

PART 3. PAYMENT

Compensation and payment to the **Engineer** for the services established under this Work Authorization shall be made in accordance with **Article/Part/Section 5** of the Agreement.

PART 4. FUNDING

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

Account No. **5025-77-0311-5000-0000-UCP-LS**

Requisition/Purchase Order Number _____ (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 scopes of the work authorization within the contract limits of two (2) years from approval of contract.**

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties’ responsibilities and obligations provided under the **Agreement**.

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and confirmation by **Hidalgo County Urban County Program Director, Joel Rivera Ph.D,** as to content and detail of this **Work Authorization No. 1**.

**HIDALGO COUNTY
URBAN COUNTY PROGRAM**

BY: _____

Joel Rivera Ph.D, UCP Director

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on **August 4th, 2026** as indicated below and effective as of **4th day of August, 2026.**

**THE ENGINEER:
MILLENNIUM ENGINEERS GROUP, INC.**

**THE OWNER:
HIDALGO COUNTY**

By: Andres Palma, P.E.

By: Richard F. Cortez, County Judge

ATTEST:

BY: _____
Arturo Guajardo, Jr., County Clerk

LIST OF ATTACHMENTS

ATTACHMENT "A" - Service to be provided by the Owner
ATTACHMENT "B" - Services to be provided by the Engineer
ATTACHMENT "C" - Work Schedule
ATTACHMENT "D" - Contract Amount

Attachment "B"

Construction Materials Testing Services
MEG Proposal No.: 01-26-202MR
July 7, 2026



PROJECT INFORMATION

We understand that the proposed plans are to construct the City of Sullivan – Chayo Street and Paisano Street located in Hidalgo County, Texas. **Our understanding is that our services will be needed for subgrade, flexible base and asphaltic pavement inspection.** Our involvement in the project is anticipated to include providing field and/or laboratory construction materials observation and testing during the duration of the project.

SCOPE OF SERVICES

MEG will provide materials observation and testing services that are in general accordance with the project plans and specifications. The quantity of services required for construction materials testing during the construction phase of the project will be affected by the general contractors scheduling, sequencing, progress, and performance. Therefore, our fee for construction material testing services will be based upon the provided unit and hourly rates. MEG's anticipated scope of services is as follows:

- ☒ Laboratory evaluation of Soils
- ☒ Field density and moisture evaluation of Soils
- ☐ Field observations and testing of Concrete
- ☐ Field observations of Reinforcing Steel
- ☐ Field observation of Steel Construction including Bolting, Welding, and Metal Decking
- ☒ Field observation and laboratory evaluation of Concrete and Asphaltic Pavement used during Pavement Construction

Experienced inspectors and laboratory personnel will be provided for construction material testing services. All services will be performed under the direction of a Registered Professional Engineer in the State of Texas. Field testing and laboratory reports will be processed on an on-call basis by personnel that have been authorized to schedule testing and observation by our CLIENT. All service reports will be transmitted electronically to the project distribution list as directed by our CLIENT on the Project Information Sheet. An original copy of the report will be sent on a monthly basis along with the project invoice.

PROJECT ESTIMATE

The fees presented in this proposal and outlined in the Unit Rate Sheet 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. The estimated fee for providing the above services on the project is as follows:



CHAYO ST

☒ SOILS (4 trips for subgrade and flexible base)

Task	Qty.	Unit Rate	Estimated Cost
Atterberg Limits (each)	2	\$85	\$170.00
Passing No. 200 Sieve	1	\$75	\$75.00
Gradation	1	\$85	\$85.00
Standard Proctor (each)	2	\$220	\$440.00
Nuclear density tests (each)	9	\$28	\$252.00
Field testing & observation (hourly)	16	\$55	\$880.00
Vehicle trips (each)	4	\$70	\$280.00
Sub-Total (Soils)			\$2,182.00

☒ ASPHALT (1 trip for asphalt densities at pavement) (Assuming one rolling pattern will be for both streets at the same time)

Task	Qty.	Unit Rate	Estimated Cost
Extraction of Bituminous Mixture, Percent Asphalt & Gradation (each test)	1	\$250	\$250.00
Theoretical Maximum Specific Gravity of Mixtures (each test)	1	\$85	\$85.00
Lab Density (each test)	1	\$75	\$75.00
Nuclear Density Test (asphalt) (per hour)	12	\$28	\$336.00
Asphalt testing & observation (Hourly)	11	\$55	\$605.00
Vehicle trips (Each)	1	\$70	\$70.00
Sub-Total (Asphalt)			\$1,421.00

☒ PROJECT MANAGEMENT AND ADMINISTRATION

Task	Qty.	Unit Rate	Estimated Cost
Project Management (hourly)	1.00	105	\$105.00
Project Engineer (hourly)	1.00	135	\$135.00
Report Prep. & Administration	1	384.30	\$384.30
Sub-Total (Mgmt. & Admin.)			\$624.30

Subtotal Estimated Cost	\$4,227.30
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PAISANO ST

☒ SOILS (3 trips for subgrade and flexible base)

Task	Qty.	Unit Rate	Estimated Cost
Atterberg Limits (each)	1	\$85	\$85.00
Passing No. 200 Sieve	1	\$75	\$75.00
Gradation	1	\$85	\$85.00
Standard Proctor (each)	1	\$220	\$220.00
Nuclear density tests (each)	6	\$28	\$168.00
Field testing & observation (hourly)	9	\$55	\$495.00
Vehicle trips (each)	3	\$70	\$210.00
Sub-Total (Soils)			\$1,338.00

☒ PROJECT MANAGEMENT AND ADMINISTRATION

Task	Qty.	Unit Rate	Estimated Cost
Project Management (hourly)	1.00	\$105	\$105.00
Project Engineer (hourly)	1.00	\$135	\$135.00
Report Prep. & Administration	1	\$157.80	\$157.80
Sub-Total (Mgmt. & Admin.)			\$397.80

Subtotal Estimated Cost **\$1,735.80**

Total Estimated Cost **\$5,963.10**

The following assumptions were used in preparing the proposal:

- MEG's proposal is dependent on the duration of construction days and additional compensation may be required if the construction sequence is slower or faster than typical construction.
- MEG's proposal is dependent on the construction sequence that is used by the General Contractor. Estimated quantities herein are based on the most efficient scheduling the General Contractor can use to combine our services when applicable. Standby time, weather, and cancellations have not been factored into the proposal.
- The Contractors on the site will work a single shift, on a 5 days per week schedule.
- Construction Material Testing Services will be scheduled with 24 hours notice.
- Services provided outside of regular business hours as outlined in the Provisions section of this proposal, or services provided on Saturday, Sunday, or Holidays will be invoiced at 1.5 times the applicable unit rate.
- Minimum three (3) hour charge for engineering technician per trip, Minimum three (3) density tests per trip.
- Upon request for services by owner, representative of owner, and/or construction team, MEG will assume that our proposal is authorized and will proceed with services, to not delay project. If these terms are not agreeable, please provide MEG written documentation prior to the request for services.
- When invoices need to be delivered to a third party for review, the client shall notify MEG of this request, prior to the request for services. If this is not disclosed before the request for services, MEG shall charge administrative time to prepare, send, and deliver to the third party.
- Unless otherwise notified, MEG assumes that the owner will be responsible for all of the project's invoices. If retests and/or cancellations are to be billed to another party, the owner shall notify MEG before the request for services. An administrative fee will incur with the separation of invoices.
- Invoices are due and payable on receipt. Interest at the rate of 1½% per month will be charged on all past-due amounts, unless not permitted by law.

Attachment "C"

Construction Materials Testing Services
MEG Proposal No.: 01-26-202MR
July 7, 2026



Work Schedule

SCHEDULE

We request that our office be contacted at 956/702-8501 at least 24 hours prior to the time our services are needed to allow for scheduling. Calls for scheduling services will need to be made by 5pm of the previous day when service requests are needed. Cancellation of service requests will need to be made at least 2 hours before the scheduled service request time. Cancellation of services that are scheduled to be performed before 8am (early morning) will need to be made prior to 5pm of the previous day. Our services will be performed as directed by the CLIENT, at the rates presented herein.

The contractor is responsible for performing the work in accordance with the plans and specifications. Our testing & observations of the work do not relieve the contractor of their responsibility to perform the work properly and in accordance with industry standards. Prior to the start of construction and our services, we do request one (1) set of approved project plans and specifications with addendums when applicable. We also request the contact information of the general contractor so cancellations, re-testing, or additional testing when required because of the contractor can be billed to the contractor. The project information form and invoicing instructions form will need to be submitted to our office within 5 days of the authorization date. Failure to do so will require MEG to furnish additional administrative support for this project and will be subject to additional administrative charges as required. In addition, an on-site pre-construction meeting with all involved parties is highly recommended to our CLIENT to clearly specify the expectations, scope, and responsibilities of all involved parties.

GENERAL COMMENTS

This proposal may be executed by signing the Authorization for Professional Services and returning a copy to MEG. Project initiation and set up may be expedited by emailing or faxing a copy of the signed Authorization for Professional Services to (956) 702-4180. The terms, conditions, and limitations stated in the Provisions section and section of this proposal incorporated therein, shall constitute the exclusive terms and conditions and services to be performed for this project. This proposal is valid only if authorized within 60 days from the proposal date. Please contact our office if you have any questions or comments about the proposal that has been prepared for your project.

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

Attachment "D"



July 07, 2023

Lizzate O. Sanchez
Urban County Program - Hidalgo County
1916 Tesoro St.
Pharr, Tx 78577 Ph: 956-787-8127 ext: 2237

Subject: **Construction Materials Testing Services**
City of Sullivan – Chayo Street and Paisano Street
Hidalgo County, Texas
MEG Proposal No. 01-26-202MR

Dear Ms. Sanchez

Millennium Engineers Group, Inc. (MEG) is pleased to submit this proposal for the subject project to offer our services for Construction Materials Testing 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 estimated cost for services on this project is **\$5,963.10**

The estimate provided is preliminary in nature and is based upon our understanding of the project information provided to us. The cost is estimated without an understanding of the general contractor's construction schedule, construction sequence, scheduling, and changes in weather. Since it is difficult to provide an overall cost estimate for testing as indicated, we have provided a schedule of fees based upon the hourly and unit prices for our services. 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 construction 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. Please complete the attached Project Information Sheet in order for us to timely set up the project, prepare testing reports, and process monthly invoices.

Sincerely,

MILLENNIUM ENGINEERS GROUP, INC.

TBPE Firm No. F-3913

A handwritten signature in blue ink, appearing to read "AP", is placed above the printed name of the signatory.

Andres Palma, P.E.
President