

TASK ORDER NO. 2

This Task Order pertains to a Master Agreement by and between City of Hilshire Village, (“OWNER”), and HDR Engineering, Inc. (“ENGINEER”), dated February 17, 2026 (executed on April 30, 2026), (“the Master Agreement”). ENGINEER shall perform services on the project described below as provided herein and in the Master Agreement. This Task Order shall not be binding until it has been properly signed by both parties. Upon execution, this Task Order shall supplement the Master Agreement as it pertains to the project described below.

TASK ORDER NUMBER: **2**

PROJECT NAME: **Friarcreek Drainage Easement Improvements**

PART 1.0 PROJECT DESCRIPTION: Refer to included Attachment ‘A’.

PART 2.0 SCOPE OF SERVICES TO BE PERFORMED BY ENGINEER ON THE PROJECT: Refer to included Attachment ‘A’.

The services provided under this Task Order would be identified under a job number to be assigned to this Task Order.

PART 3.0 OWNER’S RESPONSIBILITIES: Owner shall have the responsibilities as per Section II of the Master Agreement dated February 17, 2026.

PART 4.0 PERIODS OF SERVICE: Refer to included Attachment ‘A’.

PART 5.0 PAYMENTS TO ENGINEER: Refer to included Attachment ‘A’.

This Task Order is executed this 11th day of June, 2026.

City of Hilshire Village
“OWNER”

BY: _____

NAME: Robert Buesinger

TITLE: Mayor

ADDRESS: 8301 Westview Drive

Houston, TX 77055

HDR Engineering, Inc.
“ENGINEER”

BY:  _____

NAME: Karan Khosla, P.E., PTOE

TITLE: Vice President

ADDRESS: 4828 Loop Central Drive, Ste. 700

Houston, TX 77081



ATTACHMENT 'A'

June 9, 2026

Mayor and City Council
City of Hilshire Village
8301 Westview Drive
Houston, Texas 77055

Re: Proposal for Engineering Services for Friarcreek Drainage Easement Improvements Project

Dear Mayor and City Council Members:

HDR Engineering, Inc. (HDR) is pleased to submit this proposal for Professional Engineering Services for the above-referenced project. The proposal is based on our understanding of the project as discussed in our previous meetings and conversations. For your convenience this proposal consists of General Overview, Scope of Services, Fee Schedule, and Terms and Conditions.

GENERAL OVERVIEW

As previously requested by the City and the residents at 1303 Friarcreek Lane (Mr. Jorge Lefebvre) and 1307 Friarcreek Lane (Mr. Tom Archer), HDR performed under the On-Going Services agreement, a preliminary evaluation of alternatives to address the erosion issues experienced within the Friarcreek Drainage Easement located between these two (2) properties and the Spring Branch Creek Tributary (Harris County Flood Control District – HCFCD Channel W140-04-00) where it outfalls.

Based on this evaluation and as agreed by all parties, the recommendation is to construct an approximately 2-ft high and varying width concrete U-Channel between the existing residential retaining walls and install rip rap within the HCFCD channel embankment to mitigate the erosion issues experienced in this area.

The preliminary engineer's opinion of probable construction cost (OPCC) for this project is \$50,000. Please note that this is an estimate of probable construction cost based on preliminary and limited information available at this time, as well as current market conditions. Changes in the market conditions could potentially increase or decrease this cost. Once the design is completed, HDR will furnish a more accurate OPCC.

This proposal addresses the engineering services HDR will provide the City during the Design and Construction Phases, as well as other services necessary to support the project. The proposal is separated into Basic Services (expected normal engineering services) and Special/Additional Services. Special/Additional services are those services that are beyond the Basic Services provided for in the scope portion of this proposal.

Due to the nature of this project, there are certain Basic and Special/Additional Services that will be needed and others that may or may not be required. In the fee schedule portion of this proposal the Basic and Special/Additional Services that are anticipated are listed and a budgetary amount included. Other Special/Additional Services may be required and may be identified as the project progresses but will only be performed when authorized by the City.

SCOPE OF SERVICES

I. DESIGN PHASE SERVICES

A. Basic Services

- Data Collection – Obtain utility information/record drawings on existing public and private utilities within the project area and coordinate with Structural Design Team on data collected for the project.
- Attend two (2) Site/Coordination/Meetings in-person or via MS-Teams with City and residents to address project progress and obtain feedback from City and residents, as necessary.
- Design of 2-ft high and varying width concrete U-Channel between the existing residential retaining walls and installation of rip rap within the HCFCD channel embankment. The drainage system will be designed to handle a City of Houston 2-year storm frequency. Structural design scope will be limited to design of concrete U-Channel walls and slabs only; no slope stability analysis will be required by HCFCD and no existing residential retaining walls will be modified or analyzed. Rip rap design will be in accordance with HCFCD requirements.
- Prepare bidding/construction drawings and specifications for the project, using City and HCFCD standards, based on planned improvements, as described herein.
- Prepare an Opinion of Probable Construction Cost (OPCC) for the project.
- Complete design services within three (3) months of the City's authorization to proceed with these engineering services.
- Furnish two (2) sets of 70% Submittal documents (Plans and Specifications) to the City.
- Coordinate with Harris County Flood Control District (HCFCD) and private utility entities (i.e. gas, electric, cable, telephone, etc.), incorporate appropriate comments from pertinent entities into the final documents, and secure signatures/approvals.
- Furnish two (2) sets of 100% Construction documents to the City.

B. Special/Additional Services

1. Survey

- Topographical survey services of the project area to produce background information for design effort was previously authorized by the City and processed by HDR for the preliminary evaluation of alternatives to address the erosion issues within this drainage easement and HCFCD tributary, under the On-Going Services Project.
- Additional survey services will include the preparation of metes and bounds and survey plat for the new drainage easement re-delineation out of Lots 9 and 10, Friarcreek subdivision and survey of geotechnical borings by Geotechnical Subconsultant.

2. Geotechnical Investigation

- Obtain manual soil borings and perform laboratory work to determine geotechnical characteristics of soils within the project areas, and make design and construction recommendations for the concrete U-Channel improvements.

3. Storm Water Pollution Prevention Plan

- Preparation of storm water pollution prevention plans and specifications for the project, in accordance with the Texas Pollutant Discharge Elimination System (TPDES) requirements.

4. Miscellaneous Expenses

- Reproduction for review sets, submittals to Hilshire Village, HCFCD, and private utility companies.
- Travel (mileage) and Courier/delivery services cost.

II. BIDDING PHASE SERVICES (IF REQUIRED)

A. Basic Services

1. Bidding Services:

- Assist the City in obtaining bids for the project. The City will advertise the project and will absorb all related advertising costs. HDR will coordinate with the City and will assist in developing the wording of the advertisement.
- Post and manage bid documents in CIVCASTUSA.com for potential bidders. The City will be responsible for the associated cost to post the notice to bidders on Civcast.

- During the bidding process, provide information to and answer questions from potential bidders concerning the Project's construction documents and prepare addendums as necessary.
- Conduct a pre-bid conference for potential bidders.
- Attend Bid Opening and evaluate the bids and the qualifications of the apparent low bidders and advise the City as to the acceptability of the apparent low bidder.
- Prepare Construction Contract Documents incorporating selected Contractor's executed statutory bonds, insurance, agreement, etc.

III. CONSTRUCTION PHASE SERVICES

A. Basic Services

1. Construction Administration:

- Conduct a pre-construction conference for the project.
- Conduct monthly construction progress meetings (2 maximum), prepare and distribute agendas and meeting notes.
- Act as the City's Project Representative during the construction phase.
- Address questions and provide clarifications regarding plans, design details and related items during construction.
- Review and respond accordingly to all submittals (8 maximum) and RFI (1 maximum) as required by the contract specifications.
- Prepare change order (1 maximum) necessitated by field conditions.
- Review and process the contractor's pay estimates (2 maximum), evaluate the completed work, and make payment recommendations to the City.
- Visit the site at intervals appropriate to the various stages of construction to observe the progress and quality of executed work and to determine in general if such work is proceeding in accordance with the Contract Documents. Full-time or part-time site representation is not included as part of the Construction Administration tasks.
- Monitor Contractor in maintaining a set of as-built drawings.

- HDR will not be responsible for the means, methods, techniques, sequences or procedures of construction selected by the Contractor(s) or the safety precautions and programs incident to the work of the Contractor(s). HDR's effort will be directed toward providing a greater degree of confidence for the City that the completed work of Contractor(s) will conform to the Contract Documents, but HDR will not be responsible for the failure of Contractor(s) to perform the work in accordance with the Contract Documents. During site visits and on the basis of on-site observations HDR shall keep the City informed of the progress of the work, shall endeavor to guard the City against defects and deficiencies in such work and may disapprove or reject work failing to conform to the Contract Documents.
- Conduct substantial completion and final inspections of the Project, prepare punch list(s), and make a recommendation for Final Payment and closeout of the Project.

B. Special/Additional Services

1. Construction Observation Services:

- Provide one part-time (10 hours per week) construction observer (on-site representative) to observe the progress of construction activities and to assist in the interpretation of plans and specifications. The estimated construction time for this project is 60 calendar days.
- HDR will provide support to the on-site representative(s) through supervisory and administrative services.
- The on-site representative(s) will be on-site daily during construction activity.
- In the event of rain days where construction may be hindered or stopped, the representative will be on-site long enough to verify that inclement weather has occurred and the associated impact on the Contractor and construction.
- The on-site representative shall maintain daily reports.
- The on-site representative will attend meetings with the Contractor and the City such as pre-construction conference, progress meetings, and other project related meetings.
- The on-site representative will take periodic photographs of the construction progress and of key items of concern.
- The on-site representative will estimate quantities installed for use in reviewing monthly pay estimates. The on-site representative will review the Contractor's quantity measurements, the Contractor's payment request and make

recommendation of payment of the periodic pay request to HDR's project manager.

- The on-site representative will aid in the coordination of activities of the testing laboratory.
- The on-site representative will coordinate with the City and the Contractor for construction scheduling, resident notification and complaints.
- The on-site representative will assist in the performance of the substantial completion and final inspections, the preparation of punch list(s) and subsequent follow up inspections.
- The on-site representative will assemble and maintain notes, comments, sketches, and supporting data related to the project in order to assist in the preparation of record drawings.
- The on-site representative will be provided in an effort to aid in the process of observing performance of work of the Contractor(s). Through more extensive on-site observations of the work in progress, HDR shall endeavor to provide further protection for the City against defects and deficiencies in the work of the Contractor(s); but the furnishing of such on-site representative will not make HDR responsible for construction means, methods, techniques, sequences or procedures or safety precautions or programs, or for Contractor(s) failure to perform their work in accordance with the Contract Documents.

2. Record Drawing Services

- After construction is completed, HDR will prepare the record drawings for the project based on as-built information furnished by Contractor.

3. Miscellaneous Expenses

- Reproduction cost (i.e. pay estimates, meeting notes, submittals, etc.)
- Travel (mileage) and Courier/delivery services cost.

FEE SCHEDULE

The Basic Services Fee for the above-described scope of services are proposed to be on a lump sum basis, calculated on the basis of level of effort (LOE) estimates to complete each of the tasks required to fulfill the design, bidding and construction phase services of this project (refer to Exhibit A – Level of Effort for Friarcreek Drainage Easement Improvements).

The fee schedule is separated into: Design, Bidding, and Construction Phases, as outlined below:

Basic Services:

a) Design Phase Services – Lump Sum Level of Effort (See Exhibit A)	= \$46,539
b) *Bidding Phase Services (If Required) – Lump Sum Level of Effort (See Exhibit A)	= *\$6,058
c) Construction Administration – Lump Sum Level of Effort (See Exhibit A)	= \$19,767
Total – Basic Services (Exhibit A)	= \$72,364

Design Phase & Bidding Phase Additional Services:

a) Survey – Subcontract Cost (See Exhibit A) - \$8,800 + 10%	= \$9,680
b) Geotechnical Investigation – Subcontract Cost (See Exhibit A) - \$8,116 + 10%	= \$8,928
c) Storm Water Pollution Prevention Plan – Lump Sum Level of Effort (See Exhibit A)	= \$2,356
d) **Miscellaneous Expenses (Reproduction, Travel & Courier Services) – Subcontractor Cost (See Exhibit A) – Cost plus 10%	= \$350
Total – Design & Bidding Additional Services (Exhibit A)	= \$21,314

Construction Phase Additional Services:

a) **Construction Observation – Hourly (Based on average 10 hours/week)(See Exhibit A)	= \$16,345
b) Record Drawings – Lump Sum Level of Effort (See Exhibit A)	= \$1,577
c) * *Miscellaneous Expenses (Reproduction, Travel & Courier Services) – Subcontractor Cost (See Exhibit A) – Cost plus 10%	= \$650
Total – Construction Additional Services (Exhibit A)	= \$18,572

Grand Total **= \$112,250**

- * At this time, the Preliminary Opinion of Probable Construction Cost (OPCC) is under the \$100,000 State procurement threshold required to bid a project, therefore HDR will request at least three (3) quotes from Contractors instead. However, if the quotes received exceed this \$100,000 threshold due to volatile market or other unforeseen conditions, the project will be bid accordingly and HDR will request authorization from the City to proceed with Bidding Phase Services as outlined in this Proposal.
- ** At this time the magnitude of these tasks is not known. Therefore, budgetary amounts are provided. These figures may increase or decrease depending upon actual work required. If an increase becomes necessary it can be accomplished by utilizing available funds from other line items that have under run, or by contract amendment.

The anticipated construction duration required for the project is estimated to be 60 calendar days. The budget fee for construction observation includes hourly costs for a part-time site representative (based on average 10 hours/week), supervisory and administrative services, and reimbursable items. Reimbursable items will be:

- Vehicle Expenses (Mileage at the prevailing Federal rate)
- Reproduction (Documents pertaining to the project, special requests by the client, miscellaneous photocopies not pertaining to normal duties and responsibilities)

TERMS AND CONDITIONS

This project will be performed as a Project Engineering Design and Support Services under the current Master Agreement for Professional Services with the City of Hilshire Village, dated February 17, 2026 (executed on April 30, 2026) and its terms and conditions will apply.

Invoices will be submitted on a monthly basis, reflecting charges to date on the basis specified in this proposal. Lump sum project tasks will be billed as a percentage of completion, based on the estimated progress of the work to date. Outstanding invoices will accrue interest charges at the current maximum allowable rate after 30 days.

For all services billed on an hourly basis, the fee includes hourly costs for all personnel based on actual raw labor rates times a multiplier of 3.18 for all employees. Hourly rates are subject to revision on an annual basis due to raises and personnel changes, however, the multiplier will not change without authorization from the City.

Overtime for site representative personnel and hourly employees will be charged at 1.5 times the normal rate. Overtime is defined as time over 40 hours within a one-week period (Sunday to Saturday).

Subconsultant and subcontractor costs will be billed at the subcontract invoice cost plus 10%. Reimbursable expenses will be charged at cost plus 10%.

Mileage will be charged at the prevailing Federal rate.

HDR Engineering, Inc. appreciates the opportunity to submit this proposal and we look forward to working with the City of Hilshire Village on this very important project.

Sincerely,

HDR Engineering, Inc.

A handwritten signature in black ink, appearing to read 'K. Khosla', with a stylized flourish at the end.

Karan Khosla, P.E., PTOE
Vice President | Area Operations Manager

cc: Efrain Him, P.E. (HDR)
Marketing Files

Attachments:

1. Exhibit A – Level of Effort (LOE) for Friarcreek Drainage Easement Improvements.
2. Landtech Metes & Bounds and Survey Plat Proposal dated 2/13/2026.
3. Geotest Engineering, Inc. Geotechnical Proposal dated 5/15/2026.

CITY OF HILSHIRE VILLAGE
EXHIBIT A - LEVEL OF EFFORT (LOE) FOR FRIARCREEK DRAINAGE EASEMENT IMPROVEMENTS

Item	Description / Task	Basic Services (HDR) - Estimated Manhours										Subtotal (hrs)	Subtotal (cost \$)	Additional Services - HDR	Basic Services - Subconsultants (cost+10%)	Additional Services - Subconsultants (cost+10%)	Other Costs/Allowances	Total Fee
		Principal (hrs)	Sr. Project Manager (hrs)	Structural Engineer (hrs)	Project Engineer (hrs)	Sr. Designer (hrs)	CAD Operator (hrs)	Clerical (hrs)	Constr. Manager (hrs)	Constr. Inspector (hrs)								
	Raw Salary	\$121.00	\$108.00	\$84.00	\$65.00	\$60.00	\$55.00	\$48.00	\$85.00	\$60.00								
	Raw Salary Multiplier	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18								
I	Phase II - Final Design :																	
A	Project Management and Document Submission																	
	1. Data Collection		1.0	4.0	1.0						6.0	\$1,619						\$1,619
	2. Geotechnical Investigation										0.0				\$8,928			\$8,928
	3. Site / Coordination / Meetings		2.0	6.0							8.0	\$2,290						\$2,290
	4. Progress Submittals QA/QC (70% & 100%)	1.0	12.0								13.0	\$4,506						\$4,506
	5. Specifications, Preparation & Review			2.0	8.0						10.0	\$2,188						\$2,188
	6. Construction Cost Estimate, Preparation & Review			3.0	6.0						9.0	\$2,042						\$2,042
	7. HCFCO Coordination & Private Utility Signatures		1.0		8.0						9.0	\$1,997						\$1,997
	8. Misc. Expenses (Reproduction, Travel & Courier Services)										0.0		\$0			\$350		\$350
	Subtotal Project Management & Document Subm.	1.0	16.0	15.0	23.0	0.0	0.0	0.0	0.0	0.0	55.0	\$14,641	\$0	\$0	\$8,928	\$350		\$23,918
B	Drawings																	
	G-1 Cover Sheet		1.0		1.0		2.0				4.0	\$900						\$900
	G-2 General & Structural Notes / Legend & Abbreviations		2.0	2.0	4.0		4.0				12.0	\$2,748						\$2,748
	S-0 Drainage Easement Redelineation Survey										0.0				\$9,680			\$9,680
	S-1 thru S-2 Survey & Control Maps (Previously Authorized)										0.0				\$0			\$0
	PP-1 Plan & Profile 1"=20' H / 1"=2' V (Friarcreek DE)			16.0	40.0		40.0				96.0	\$19,538						\$19,538
	SWP-1 SWPPP (1"=60")(Friarcreek DE)		1.0		2.0		4.0				7.0		\$1,456					\$1,456
	SWP-2 SWPPP Details 1 (NTS)		1.0		1.0		2.0				4.0		\$900					\$900
	D-1 Storm Sewer/Structural Details 1		1.0	3.0	10.0	6.0					20.0	\$4,357						\$4,357
	D-2 Storm Sewer/Structural Details 2		1.0	3.0	10.0	6.0					20.0	\$4,357						\$4,357
	Subtotal Drawings	0.0	7.0	24.0	68.0	12.0	52.0	0.0	0.0	0.0	163.0	\$31,899	\$2,356	\$0	\$9,680	\$0		\$43,935
C	Bidding Phase (IF REQUIRED)																	
	1. Attend Pre-Bid Meeting		1.0		1.0						2.0	\$550						\$550
	2. Prepare & Issue Addenda		1.0	2.0	4.0		2.0				9.0	\$2,054						\$2,054
	3. Respond to Bidder Questions		2.0	2.0	2.0						6.0	\$1,635						\$1,635
	4. Bid Evaluation / Bid Tabulation		1.0		2.0						3.0	\$757						\$757
	5. Recommendation of Award		1.0		2.0						3.0	\$757						\$757
	6. Construction Contract Preparation						2.0				2.0	\$305						\$305
	Subtotal Bidding Phase	0.0	6.0	4.0	11.0	0.0	2.0	2.0	0.0	0.0	25.0	\$6,058	\$0	\$0	\$0	\$0		\$6,058
II	Phase III - Construction Phase Services:																	
	1. Attend Pre-Construction Meeting		2.0	2.0	2.0						6.0	\$1,635						\$1,635
	2. Attend Scheduled Construction Progress Meetings (Assume 2)		4.0		8.0						12.0	\$3,027						\$3,027
	3. Submittals (Assume 8)		4.0	4.0	8.0						16.0	\$4,096						\$4,096
	4. RFIs/Change Order (Assume 1 each)		2.0	4.0	4.0		4.0				14.0	\$3,282						\$3,282
	5. Review Contractor Monthly Pay Estimates (Assume 2)		1.0	2.0	8.0			4.0			15.0	\$3,142						\$3,142
	6. Substantial/Final Completion Walk-Thru/Punch Lists		2.0	2.0	4.0						8.0	\$2,048						\$2,048
	7. As-Built Drawings		1.0	2.0			4.0				7.0		\$1,577					\$1,577
	8. Project Closeout		2.0		6.0			4.0			12.0	\$2,538						\$2,538
	9. Construction Observation (Part-Time 10 Hrs/Wk)							4.0	8.0		84.0		\$16,345					\$16,345
	10. Misc. Expenses (Reproduction, Travel & Courier Services)										0.0		\$0			\$650		\$650
	Subtotal Phase III - Construction Phase Services	0.0	18.0	16.0	40.0	0.0	8.0	8.0	4.0	80.0	174.0	\$19,767	\$17,922	\$0	\$0	\$650		\$38,339
SUBTOTAL PHASE II - BASIC SERVICES HOURS		1.0	27.0	43.0	99.0	12.0	48.0	2.0	0.0	0.0	232.0							
SUBTOTAL PHASE II - BASIC SERVICES COST		\$385	\$9,273	\$11,486	\$20,463	\$2,290	\$8,395	\$305	\$0	\$0		\$52,597						\$52,597
SUBTOTAL PHASE II - ADDITIONAL SERVICES HOURS (HDR)		0.0	2.0	0.0	3.0	0.0	6.0	0.0	0.0	0.0	11.0							
SUBTOTAL PHASE II - ADDITIONAL SERVICES COST (HDR)		\$0	\$687	\$0	\$620	\$0	\$1,049	\$0	\$0	\$0			\$2,356			\$350		\$2,706
SUBTOTAL PHASE II - ADDITIONAL SERVICES COST (SUBS)															\$18,608			\$18,608
TOTAL PHASE II - BASIC & ADDITIONAL SERVICES												\$52,597	\$2,356	\$0	\$18,608	\$350		\$73,911
SUBTOTAL PHASE III - BASIC SERVICES HOURS		0.0	17.0	14.0	40.0	0.0	4.0	8.0	0.0	0.0	83.0							
SUBTOTAL PHASE III - BASIC SERVICES COST		\$0	\$5,838	\$3,740	\$8,268	\$0	\$700	\$1,221	\$0	\$0		\$19,767						\$19,767
SUBTOTAL PHASE III - ADDITIONAL SERVICES HOURS (HDR)		0.0	1.0	2.0	0.0	0.0	4.0	0.0	4.0	80.0	91.0							
SUBTOTAL PHASE III - ADDITIONAL SERVICES COST (HDR)		\$0	\$343	\$534	\$0	\$0	\$700	\$0	\$1,081	\$15,264			\$17,922			\$650		\$18,572
SUBTOTAL PHASE III - ADDITIONAL SERVICES COST (SUBS)															\$0			\$0
TOTAL PHASE III - BASIC & ADDITIONAL SERVICES		\$0	\$5,838	\$3,740	\$8,268	\$0	\$700	\$1,221	\$0	\$0		\$19,767	\$17,922	\$0	\$0	\$650		\$38,339
TOTAL PHASES II & III - BASIC AND ADD. SERVICES HOURS		1.0	47.0	59.0	142.0	12.0	62.0	10.0	4.0	80.0	417.0							
TOTAL PHASES II & III - BASIC SERVICES																		\$72,364
TOTAL PHASES II & III - ADDITIONAL SERVICES																		\$39,886
TOTAL PHASES II & III - BASIC AND ADDITIONAL SERVICES																		\$112,251

February 13, 2026

Mr. Efrain A. Him, P.E.
Senior Project Manager
HDR
4828 Loop Central Drive, Suite 700
Houston, Texas 77081

Re: City of Hilshire Village- Friarcreek Drainage Easement Improvements

Dear Mr. Him:

It is my pleasure to submit the following proposal for the above-referenced project. The scope of work and associated fee are as follows:

Preparation of three metes and bounds and survey plat for the new drainage easement out of Lot 9 and 10, Friarcreek subdivision and survey geotechnical boring by other.

Lump Sum Fee of \$8,800.00

Thank you for the opportunity to submit this proposal.
Sincerely,



Paul Kwan, RPLS
President



GEOTEST ENGINEERING, INC.

Geotechnical Engineers & Materials Testing

5600 Bintliff Drive

Houston, Texas 77036

Telephone: (713) 266-0588

Fax: (713) 266-2977

Proposal No. 1140749599

May 15, 2026

Efrain A. Him, P.E.
Senior Project Manager
HDR
4828 Loop Central Drive, Ste. 700
Houston, TX 77081

**Re: Proposal for Geotechnical Investigation
Friarcreek Drainage Easement Improvements
City of Hilshire Village
Harris County, Texas**

Dear Mr. Him:

As per your request, Geotest Engineering, Inc. (Geotest) is pleased to submit this revised cost proposal for providing field investigation, laboratory testing, and a data report for the proposed construction of a concrete U-channel between existing residential retaining walls in the City of Hilshire, Texas.

The scope of the study includes hand-auger three (3) 10-foot boreholes, one (1) on the west side (1307 Friarcreek Ln) and two (2) on the east side (1303 Friarcreek Ln) of the channel, perform minimum laboratory tests, and provide data report with soil boring logs for the referenced project.

Deliverables & Timeline

The final geotechnical data report will be submitted in approximately four (4) weeks following the completion of the field investigation. This comprehensive report will include:

- **Field and Laboratory Data:** Full results from all site testing.
- **Soil Boring Logs:** Detailed logs, including the clear identification of native vs. fill soils.
- **Engineering Recommendations:** Practical guidelines for site preparation, shallow excavation, groundwater management (if required), fill material selection/placement, and subgrade preparation for the concrete pad.
- **Design Parameters:** recommendations for lateral earth pressure.

Cost & Scope of Services

The total cost for the drilling and sampling, minimum laboratory testing, and final report preparation is a **lump sum of \$8,116.00.**

We appreciate the opportunity to propose on this project. If you have any questions, please call us. Please indicate your formal acceptance by sending notice to proceed email.

Very truly yours,
GEOTEST ENGINEERING, INC.

B.C. K

Mohan Ballagere, P.E.
Vice President

MB/bi/ego
Copies Submitted: (1)
PC38\Geotechnical\1140749599R.DOC

**Attachment No. 1
Cost Breakdown**

	<u>QUANTITY</u>	<u>UNIT RATE</u>	<u>COST</u>
Engineering Services			
Sr Engineer	2 hrs.	\$218.00	\$436.00
Project Engineer	4 hrs.	\$176.00	\$704.00
Staff Engineer	16 hrs.	\$122.00	\$1,952.00
Support Personnel (Drafting, Word Processing)	2 hrs.	\$75.00	\$150.00
		Subtotal	\$3,242.00
Direct Expenses			
Subsurface Field Investigation			
Grouting of Completed Bore Holes	30 ft.	\$13.00	\$390.00
Field Coordination and Utility Clearance for Boring Locations	4 hrs.	\$122.00	\$488.00
Vehicle Charge (field coordination)	8 hrs.	\$13.00	\$104.00
Hand Auger/Portable Drill Rig	8 hrs.	\$320.00	\$2,560.00
		Subtotal	\$3,542.00
Laboratory Tests			
Liquid and Plastic Limits	6 ea.	\$76.00	\$456.00
Moisture Content	15 ea.	\$12.00	\$180.00
Percent Passing No. 200 Sieve	6 ea.	\$60.00	\$360.00
Sieve Analysis through No. 200 Sieve	3 ea.	\$66.00	\$198.00
Dispersive Characteristic by Crumb Test	3 ea.	\$46.00	\$138.00
		Subtotal	\$1,332.00
	Total		\$8,116.00