

SECTION III TERMINATION

- 3.01 County may terminate this Agreement at any time by providing ten (10) days written notice to the Contractor.
- 3.02 Upon receipt of such notice, the Contractor shall discontinue all services in connection with the performance of this Agreement and shall proceed to cancel promptly all existing orders and contracts insofar as such orders or contracts are chargeable to this Agreement.
- 3.03 Within thirty (30) days after receipt of notice of termination, the Contractor shall submit a statement, showing in detail the services performed under this Agreement to the date of termination.
- 3.04 County shall then pay the Contractor that proportion of the prescribed charges which the services actually performed under this Agreement bear to the total services called for under this Agreement, less such payments on account of charges as have been previously made.
- 3.05 Copies of all completed or partially completed designs, drawings, electronic data files and specifications prepared under this Agreement shall be delivered to the County when and if this Agreement is terminated in the manner and for the purposes provided in this Agreement.

SECTION IV INSURANCE

Contractor shall, prior to performing billable services and for the duration of term of this Agreement, keep in full force and effect a policy of general liability insurance of not less than \$2,000,000.00 for each claim aggregate, which shall be approved by the Fort Bend County Risk Management Department prior to purchase. The policy shall contain a clause that the insurer will not cancel or reduce the insurance without first giving County ten (10) days prior written notice. The insurance shall be in a company acceptable to the Fort Bend County Risk Management Department and a copy of the policy or certification of insurance shall be delivered to the Fort Bend County Risk Management Department as soon as available. Failure of Contractor to provide the appropriate insurance information shall invalidate this Agreement.

SECTION V NOTICE

- 5.01 Any notice required to be given under the provisions of this Agreement shall be in writing and shall be duly served when it shall have been deposited, enclosed in a wrapper with the proper postage prepaid thereon, and duly registered or certified, return receipt requested, in a United States Post Office, addressed to the County or the Contractor at the addresses set forth below.
- 5.02 If mailed, any notice or communication shall be deemed to be received three days after the date of deposit in the United States Mail.
- 5.03 Unless otherwise provided in this Agreement, all notices shall be delivered to the following addresses:

A. If to the Contractor:

Geotech Engineering and Testing
Attn: Barton Wootan, CET, Project Manager
800 Victoria Drive
Houston, Texas 77022

B. If to County notice must be sent to both the Fort Bend County Purchasing Agent and County Project Manager:

Fort Bend County Purchasing Department
Gilbert D. Jalomo, Jr., CPPB
4520 Reading Road, Suite A
Rosenberg, Texas 77471

D. Jesse Hegemier
County Engineer
1124-52 Blume Road
Rosenberg, Texas 77471

- 5.04 Either party may designate a different address by giving the other party ten (10) days written notice.

SECTION VI
LIMIT OF APPROPRIATION

- 6.01 Prior to the execution of this Agreement, Contractor has been advised by County, and Contractor clearly understands and agrees, such understanding and agreement being of the absolute essence to this contract, that County shall have available the total maximum sum of \$63,940.00, including reimbursable expenses, if any, specifically allocated to fully discharge any and all liabilities which may be incurred by County.
- 6.02 Contractor does further understand and agree, said understanding and agreement also being of the absolute essence of this contract, that the total maximum compensation that Contractor may become entitled to hereunder and the total maximum sum that County shall become liable to pay to Contractor hereunder shall not under any conditions, circumstances or interpretations thereof exceed the sum of \$63,940.00 for the described scope of work in Exhibit A.

SECTION VII
SUCCESSORS AND ASSIGNS

- 7.01 County and Contractor bind themselves and their successors, executors, administrators and assigns to the other party of this Agreement and to the successors, executors, administrators and assigns of such other party, in respect to all covenants of this Agreement.
- 7.02 Neither County nor Contractor shall assign, sublet or transfer its or his interest in this Agreement without the prior written consent of the other.
- 7.03 Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of any public and/or governmental body that may be a party hereto.

SECTION VIII PUBLIC CONTACT

- 8.01 Contact with any media outlet, citizens of Fort Bend County or governmental agencies shall be the sole responsibility of County.
- 8.02 Under no circumstances, whatsoever, shall Contractor release any material or information developed in the performance of its services hereunder without the express written permission of County, except where required to do so by law.

SECTION IX COMPLIANCE AND STANDARDS

Contractor shall render the services hereunder in accordance with accepted standards of engineers practicing in the Greater Houston Metro Area, applicable thereto and shall use that degree of care and skill commensurate with the profession similar to the Project to comply with all applicable state, federal, and local laws, ordinances, rules and regulations relating to the services to be rendered hereunder, and Contractor's performance.

SECTION X OWNERSHIP OF DOCUMENTS

- 10.01 County shall be the absolute and unqualified owner of all drawings, preliminary layouts, record drawings, sketches and other documents prepared pursuant to this Agreement by the Contractor and his contractors or subcontractors (deliverables).
- 10.02 No reuse fees or royalty payments will be paid to the Contractor in connection with future reuse or adaptation of designs derived under this contract.
- 10.03 Copies of all complete or partially completed mylar reproducible, preliminary layouts, record drawings, digital files, sketches and other documents prepared pursuant to this Agreement shall be delivered to County when and if this Agreement is terminated or upon completion of this Agreement, whichever occurs first, as provided in this Agreement.
- 10.04 Contractor is expressly prohibited from selling, licensing or otherwise marketing or donating such documents, or using such documents in the preparation of other work for any other client, or from duplicating the appearance of the Project depicted in the deliverables for any without the prior express written permission of County.
- 10.05 The documents referenced in this Section are not intended or presented by Contractor to be suitable for reuse by County or others on extensions of this Project or on other unrelated projects.
- 10.06 Any adaptation or use by County of such documents on extension of this Project or other unrelated projects shall be at County's sole risk.

SECTION XI INDEMNIFICATION

- 11.01 **CONTRACTOR SHALL SAVE HARMLESS COUNTY FROM AND AGAINST ALL CLAIMS, LIABILITY, AND EXPENSES, INCLUDING REASONABLE ATTORNEYS FEES, ARISING FROM ACTIVITIES OF CONTRACTOR, ITS AGENTS, CONTRACTORS OR EMPLOYEES, PERFORMED UNDER THIS AGREEMENT THAT RESULT FROM THE NEGLIGENT ACT, ERROR, OR**

**OMISSION OF CONTRACTOR ANY OF CONTRACTOR'S AGENTS,
SERVANTS OR EMPLOYEES.**

- 11.02 **CONTRACTOR SHALL ALSO SAVE HARMLESS COUNTY FROM AND
AGAINST ANY AND ALL EXPENSES, INCLUDING REASONABLE
ATTORNEY'S FEES WHICH MIGHT BE INCURRED BY COUNTY, IN
LITIGATION OR OTHERWISE RESISTING SAID CLAIMS OR LIABILITIES
THAT MIGHT BE IMPOSED ON COUNTY AS THE RESULT OF SUCH
NEGLIGENT ACTS, ERRORS OR OMISSIONS BY CONTRACTOR, ITS
AGENTS, SUBCONTRACTORS OR EMPLOYEES.**

**SECTION XII
MODIFICATIONS**

This instrument contains the entire Agreement between the parties relating to the rights herein granted and obligations herein assumed. Any oral or written representations or modifications concerning this instrument shall be of no force and effect excepting a subsequent written modification signed by both parties hereto.

**SECTION XIII
MISCELLANEOUS**

- 13.01 By entering into this Agreement, the parties do not intend to create any obligations, express or implied, other than those specifically set out in this Agreement.
- 13.02 Nothing in this Agreement shall create any rights or obligations in any party who is not a signatory to this Agreement.
- 13.03 Contractor agrees and understands that: by law, the Fort Bend County Attorney's Office may only advise or approve contracts or legal documents on behalf of its clients; the Fort Bend County Attorney's Office may not advise or approve a contract or other legal document on behalf of any other party not its client; the Fort Bend County Attorney's Office has reviewed this document solely from the legal perspective of its client; the approval of this document by the Fort Bend County Attorneys Office was offered solely to benefit its client; Contractor and other parties should not rely on this approval and should seek review and approval by their own respective legal counsel.
- 13.04 If there is a conflict between this Agreement and Exhibit A, the provisions of this Agreement shall prevail.

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

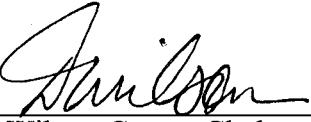
SECTION XIV
EXECUTION

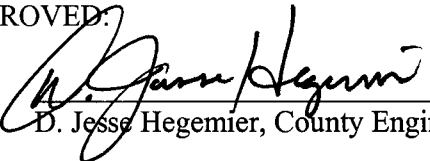
This Agreement shall not become effective until executed by County

FORT BEND COUNTY:


Robert E. Hebert, County Judge

4-13-2010
Date

Attest: 
Dianne Wilson, County Clerk

APPROVED:
By: 
D. Jesse Hegemier, County Engineer

4/13/10
Date

CONTRACTOR: GEOTECH ENGINEERING AND TESTING


Signature

4-8-10
Date

Printed Name: DAVID A. BASTIAN

Title: Principal

MER:HVJ Associates, Inc. Materials Testing. Katy Gaston Road. 3791-733

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$63,940.00 to accomplish and pay the obligation of the Fort Bend County under this contract.


Ed Sturdivant, Fort Bend County Auditor

Exhibit A: January 12, 2010 Proposal from Contractor

Exhibit A



GEOTECH ENGINEERING and TESTING

Geotechnical • Environmental • Construction Materials • Forensic Engineering
800 Victoria Drive • Houston, Texas 77022-2908 • Tel.: 713-699-4000 • Fax: 713-699-9200 • Website: www.geotecheng.com.



Fort Bend County
c/o Schaumburg and Polk, Inc.
11767 Katy Freeway, Ste. 900
Houston, Texas 77079

Proposal No. 10-005
January 12, 2010
Tel: 281-920-0487
Fax: 281-236-5082

Attention: Mr. Mark Dessens, P.E.

**PROPOSAL FOR
CONSTRUCTION MATERIALS ENGINEERING
PROPOSED IMPROVEMENTS TO KATY GASTON ROAD
FROM F.M. 1093 TO CINCO RANCH BLVD.
FORT BEND COUNTY, TEXAS
PROJECT -10-041**

Gentlemen:

We are pleased to submit a proposal to provide quality control services for the above-referenced project. The plans and specifications were reviewed in order to plan a construction materials testing program that would provide an adequate level of quality control.

Scope of Work

The general scope of work for contractor quality control for this project will consist of the following:

- o Laboratory compaction and field density tests on the utility trench backfill for the underground utilities.
- o Proofrolling observations of the paving subgrade.
- o Laboratory compaction and field density tests on the subgrade and base for the paving.
- o Concrete testing to determine the compressive strength of concrete in the pavements, curbs and sidewalks.
- o Concrete mix design reviews.
- o Concrete coring to determine the thickness of concrete for the pavements.
- o Reinforced concrete pipe batch plant observations.
- o Asphalt testing and observations.

Our letter and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply only to the sample tested and/or inspected and are not necessarily indicative of the quantities of apparently identical or similar products.

Cost Estimate

We propose to provide our services on a time and materials basis in accordance with the attached Harris County fee schedule and cost estimate. Our cost estimate for the project is about \$63,940. However, in order to provide the most accurate estimate of the testing and inspection services, the actual construction schedules are necessary. While this data is not available to us at this time, we believe that the cost of testing and inspection services for this project range from 2.0 to 4.0 percent of the total new construction cost of the project. Our services will be billed monthly, with payment due within 30 days after submittal of our invoice.

Company Qualifications

GET has gone through vigorous quality assurance programs with the Cement and Concrete Reference Laboratory (CCRL) and American Association for Laboratory Accreditation (A2LA) to provide one of the best testing services in the industry. The firm is certified as equal to ISO 9000 Laboratory, indicating we follow worldwide standards.

Our laboratory facilities are well equipped to support requirements for both geotechnical and construction materials testing. All testing is performed in accordance with ASTM, ACI, TxDOT, AASHTO, and other specialized agencies such as U.S. Army Corps of Engineers.

Our insurance coverage includes \$2,000,000 General Liability Insurance, Auto, and Workman's Compensation. In addition, we carry Professional Liability Insurance with errors and omission.

We appreciate the opportunity to submit this proposal. Should you have any questions regarding this proposal or other services we provide, we will be pleased to discuss them with you. Formal acceptance of this proposal can be acknowledged by signing below and returning one copy for our files.

Very truly yours,

GEOTECH ENGINEERING AND TESTING



Bart Wootan, CET
Project Manager

Enclosures - Cost Estimate

Proposal P10-005

GEOTECH ENGINEERING AND TESTING

COST ESTIMATE
PROPOSED IMPROVEMENTS TO KATY GASTON ROAD
FROM F.M. 1093 TO CINCO RANCH BLVD.
FORT BEND COUNTY, TEXAS
PROJECT -10-041

<u>Service Description</u>	<u>H.C. Code</u>	<u>Unit Rate</u>	<u>Unit Measure</u>	<u>Quantity</u>	<u>Amount</u>
<u>EARTHWORK, TESTING</u>					
<u>Paving Subgrade</u>					
Technician (NICET Level II)	10700	\$50.00	hour	140.0	7,000.00
Technician (O.T.)	10700	75.00	hour	20.0	1,500.00
Standard Proctor	92360	175.00	each	6.0	1,050.00
Modified Proctor	92400	187.00	each	6.0	1,122.00
Percent Solids	92600	37.00	each	20.0	740.00
P.I. Tests	90100	53.00	each	6.0	318.00
Vehicle Charge	15000	7.50	hour	140.0	1050.00
Lime Series	92800	208.00	each	2.0	416.00
Nuclear Gauge	95100	9.00	hour	140.0	1260.00
Subtotal					<u>\$14,456.00</u>
<u>UTILITY BACKFILL</u>					
Technician (NICET Level II)	10700	\$50.00	hour	160.0	\$8,000.00
Technician (O.T.)	10700	75.00	hour	40.0	3,000.00
Standard Proctor	92300	175.00	each	8.0	1400.00
Cement stabilized sand proctor	94500	193.00	each	2.0	386.00
Compressive Strength of Cement Stabilized Sand	94100	61.00	each	20.0	1220.00
Nuclear Gauge	95100	9.00	hour	160.0	1440.00
Vehicle Charge	15000	7.50	hour	160.0	1200.00
Subtotal					<u>\$16,646.00</u>
<u>CONCRETE TESTING & OBSERVATIONS</u>					
Technician (NICET Level II)	10700	50.00	hour	160.0	\$8,000.00
Technician (O.T.)	10700	75.00	hour	60.0	4,500.00
Compressive Strength Tests	30100	15.00	each	340.0	5100.00
Vehicle Charge	15000	7.50	hour	160.0	1200.00
Mix Design Review	40100	187.00	each	4.0	748.00
Concrete Coring	30900	90.00	each	28.0	2520.00
Measuring thickness of cores	31300	11.00	each	28.0	308.00
Additional Thickness (6"-12")	31000	8.00	inch	60.0	480.00
Subtotal					<u>\$22,856.00</u>

GEOTECH ENGINEERING AND TESTING

COST ESTIMATE
PROPOSED IMPROVEMENTS TO KATY GASTON ROAD
FROM F.M. 1093 TO CINCO RANCH BLVD.
FORT BEND COUNTY, TEXAS
PROJECT -10-041

<u>Service Description</u>	<u>H.C. Code</u>	<u>Unit Rate</u>	<u>Unit Measure</u>	<u>Quantity</u>	<u>Amount</u>
<u>ASPHALT PAVING</u>					
Technician (NICET Level II)	10700	\$50.00	hour	60.0	\$3,000.00
Technician (O.T.)	10700	75.00	day	10.0	\$750.00
Nuclear Gauge	95100	9.00	hour	60.0	\$540.00
Extraction/Gradation by Ignition Method	42400	145.00	set	3.0	\$435.00
Hveem Stability	40700	82.00	set	3.0	\$246.00
Bulk Density	40900	41.00	set	3.0	\$123.00
Molding Specimens	41000	54.00	each	3.0	\$162.00
Maximum Theoretical Specific Gravity	41100	78.00	each	6.0	\$468.00
Asphalt Coring	41900	80.00	each	8.0	\$640.00
Measuring Thickness of Cores	42200	8.00	inch	8.0	\$64.00
Mix Design Review	40100	187.00	each	2.0	\$374.00
				Subtotal	<u>\$6,802.00</u>
<u>PROJECT MANAGEMENT/ADMINISTRATIVE</u>					
Senior Engineer	10200	\$123.00	hour	20.0	\$2,460.00
Support Personnel	11500	36.00	hour	20.0	\$720.00
				Subtotal	<u>\$3,180.00</u>
				Estimated Total	<u>\$63,940.00</u>

GEOTECH ENGINEERING AND TESTING

Harris County Fee Schedule
Construction Materials and Geotechnical Engineering and Testing
Labor Rates
Effective March 31, 2008

Code	Description	Unit	Fee
10100	Principal, P.E.	Hr.	187.00
10200	Senior Engineer, P.E. (10 years experience)	Hr.	123.00
10300	Project Engineer, P.E. or Project Geologist, P.G.	Hr.	88.00
10400	Graduate Engineer and Graduate Geologist	Hr.	75.00
10500	Technician, NICET IV	Hr.	62.00
10600	Technician, NICET III, HMA-II	Hr.	58.00
10700	Technician, NICET II; AGI CI, HMA-IA, NDT II, Logger	Hr.	50.00
10800	Technician, AGI Field Grade I	Hr.	44.00
10900	Technician (Non-certified)	Hr.	37.00
11000	Senior Welding Inspector, SCWI	Hr.	100.00
11100	Welding Inspector, CWI, ACCP II	Hr.	78.00
11200	Associate Welding Inspector (ACWI)	Hr.	58.00
11300	Inspector, ASNT III	Hr.	98.00
11400	NDT Inspector NDT II w/ Asst (2 man crew)	Hr.	101.00
11500	Support Personnel (Word Processing)	Hr.	38.00
15000	Vehicle Charge	Hr.	7.50
15100	REMBURSABLE EXPENSES		Cost + 10%
15200	Services provided by quotation		

Harris County Fee Schedule
Construction Materials and Geotechnical Engineering and Testing
Aggregates
Effective March 31, 2008

Code	Description	Standard	Unit	Fee
20100	Sieve Analysis - Coarse Aggregates	C 136 - C	Ea	\$48.00
20200	Sieve Analysis - Fine Aggregates	C 136 - F	Ea	\$48.00
20300	Rel.Density & Abs. - Coarse Aggregates	C 127	Ea	\$70.00
20400	Rel.Density & Abs. - Fine Aggregates	C 128	Ea	\$85.00
20500	Bulk Density & Voids in Aggregate	C 29	Ea	\$33.00
20600	Absorption - Coarse Aggregates	C 127	Ea	\$39.00
20700	Absorption - Fine Aggregates	C 128	Ea	\$39.00
20800	Finer than 75-um (No. 200) Sieve	C 117	Ea	\$42.00
20900	Organic Impurities in Fine Aggregates	C 40	Ea	\$41.00
		C 181 or C		
21000	L.A. Abrasion	536	Ea	\$178.00
21100	Clay Lumps and Friable Particles	C 142	Ea	\$47.00
21200	Lightweight Particles	C 123	Ea	\$65.00
21300	Sand Equivalent	D 2410	Ea	\$58.00
21400	Na/Mg Sulfate Soundness (5 cycles)	C 88	Ea	\$304.00
21500	Na/Mg Sulfate Soundness (Adit cycles)	C 88	Ea	\$175.00

**Harris County Fee Schedule
Construction Materials and Geotechnical Engineering and Testing
Portland Cement Concrete
Effective March 31, 2008**

Code	Description	Standard	Unit	Fee
30100	Compressive Str. (Cylinder)	C 39	Ea	\$15.00
30200	Flexural Str. (Beam)	C 78 or	Ea	\$23.00
30300	Split Tensile Str. (Incl prep)	C 498	Ea	\$94.00
30400	Time of Set by Penetration	C 403	Ea	\$275.00
30500	Linear Shrinkage & Thermal Coef (Bar)	C 531	Set 3	\$282.00
	Length Change of Hydraulic Cement Mortar and	C 490 &		
30600	Concrete	C 157	Set 3	\$100.00
30700	Density of Structural LHM Concrete	C 567	Ea	\$70.00
30800	Concrete Coring, Minimum Charge	C 42	Min.	\$290.00
30900	Concrete Coring (4" diameter to 6" Thickness)	C 42	Ea	\$90.00
31000	Concrete Coring, additional thickness (6" to 12")	C 42	In.	\$8.00
31100	Concrete Coring, additional thickness (Over 12")	C 42	In.	\$10.00
31200	Preparation of Core, Cap & Test	C 42	Ea	\$87.00
31300	Measuring Length of Core	C 174	Ea	\$11.00
31400	Pachometer Survey (Magnetic Induction)	None	Day	\$75.00
31500	Probe Penetration Test Equipment (plus probes)	C 803	Day	\$79.00

**Harris County Fee Schedule
Construction Materials and Geotechnical Engineering and Testing
HMAC
Effective March 31, 2008**

Code	Description	Standard	Unit	Fee
40100	Mix Design Review		Ea	\$187.00
40200	HMAC Design (In-Place)		Ea	\$1,870.00
40300	Trail Batch (up to 5 points)		Ea	\$1,403.00
40400	Additional Points		Ea	\$202.00
40500	Extraction/Gradation	Tex-210F	Ea	\$174.00
		D 2041 &		
40600	Specific Gravity	201F	Ea	\$62.00
40700	HVEEM Stability	Tex-206F	Set	\$82.00
40800	Bulk Density - Lab Molded or Core	Tex-207F	Set	\$48.00
40900	Bulk Density Core	Tex-207F	Ea	\$41.00
41000	Molding Specimens	Tex-206F	Set	\$54.00
41100	Maximum Theoretical Specific Gravity	Tex-227F	Ea	\$78.00
41200	Apparent Specific Gravity	Tex-202F	Ea	\$58.00
41300	Absorb Recovery	Tex-211F	Ea	\$281.00
41400	Moisture Susceptibility	Tex-631C	Ea	\$408.00
41500	Penetration	D 5	Ea	\$74.00
41600	Ductility	D 113	Ea	\$68.00
41700	Viscosity	D 2170	Ea	\$82.00
41800	Asphalt Coring, Minimum Charge		Min.	\$290.00
41900	Asphalt Coring (4" Dia. to 6" Thickness)		Ea	\$90.00
42000	Asphalt Coring (4" Dia. over 6" Thickness)		In.	\$7.00
42100	Asphalt Core Measurement		Ea	\$8.00
42200	Measuring Thickness of Asphalt		Ea	\$8.00
42300	PMA Extraction/Gradation	D 2172	Ea	\$234.00
42400	PMA Extraction/Gradation	D 6307	Ea	\$146.00
42500	Asphalt Content	D 4125	Ea	\$70.00

Harris County Fee Schedule
Construction Materials and Geotechnical Engineering and Testing
Structural Steel
Effective March 31, 2008

Code	Description	Standard	Unit	Fee
50100	Radiographic Source, Iridium		Day	\$108.00
50200	Radiographic Source, Cobalt 60		Day	\$122.00
		E 114, E 273, E 587 & E797	Day	\$78.00
50300	Ultrasonic equipment		Day	\$78.00
50400	Magnetic Particle Inspection Equipment	E 709	Day	\$28.00
50500	Siddons-Wilhelm Tension Indicator		Day	\$117.00
50600	Torque Wrench		Day	\$35.00
50700	Discontinuity (Holiday) Equipment		Day	\$82.00
50800	Dry Film Thickness Equipment (Fooke Gauge)	D 4138	Day	\$29.00
50900	Dry Film Thickness Equipment (Magnetic)	D 7091	Day	\$29.00

Harris County Fee Schedule
Construction Materials and Geotechnical Engineering and Testing
Masonry
Effective March 31, 2008

Code	Description	Standard	Unit	Fee
60100	Compressive Strength, Mortar Cubes	C 109	Set 6	\$120.00
60200	Compressive Strength, Mortar Cubes	C 109	Ea	\$20.00
60300	Compressive Strength, Mortar or Grout Cyl	C 780/C 39	Ea	\$20.00
60400	Compressive Strength, Grout Prisms	C 1019	Set 3	\$120.00
60500	Measurement, Brick	C 67	Ea	\$47.00
60600	Compressive Strength Test, Brick	C 67	Ea	\$28.00
60700	Flexural Strength Test, Brick	C 67	Ea	\$37.00
60800	Absorption of Brick, 24 hr	C 67	Ea	\$62.00
60900	Absorption of Brick, 5 hr	C 67	Ea	\$61.00
61000	Measurement, CMU	C 140	Ea	\$25.00
61100	Weight, CMU	C 140	Ea	\$70.00
61200	Moisture Content, CMU	C 140	Ea	\$70.00
61300	Compressive Strength, CMU	C 140	Ea	\$75.00
61400	Compressive Strength, CMU Hollow Prism	C 1314	Ea	\$117.00

Harris County Fee Schedule
Construction Materials and Geotechnical Engineering and Testing
Fireproofing
Effective March 31, 2008

Code	Description	Standard	Unit	Fee
70100	Density of SFRM	E 606	Ea	\$33.00
70200	Cohesion/Adhesion of SFRM	E 736	Ea	\$25.00

Harris County Fee Schedule
Construction Materials and Geotechnical Engineering and Testing
Roofing
Effective March 31, 2008

Code	Description	Standard	Unit	Fee
80100	Cut Out Roofing Sample Evaluation	D 2928	Ea	\$303.00
80200	Moisture in Mineral Aggregate for BUR	D 1864	Ea	\$51.00
80300	Analysis of New Built-Up Roof Membranes	D 3617	Ea	\$279.00
80400	Compressive Str. of Lght. Insul. Concrete	C 495	Set of 4	\$98.00
80500	Compressive Str. of Lght. Insul. Concrete	C 495	Ea	\$28.00
80600	Unit Weight of Lght. Insul. Concrete	C 495	Set of 2	\$44.00

Harris County Fee Schedule
Construction Materials and Geotechnical Engineering and Testing
Soils
Effective March 31, 2008

Code	Description	Standard	Unit	Fee
90100	Liquid & Plastic Limits	D 4316	Ea	\$59.00
90200	Moisture Content of Soil by Mass	D 2216	Ea	\$8.00
90300	Moisture Content by Microwave	D 4643	Ea	\$26.00
90400	Sieve Analysis	D 422	Ea	\$48.00
90500	Sieve Analysis w/ Hydrometer	D 422	Ea	\$110.00
90600	Percent Passing #200 Sieve	D 1140	Ea	\$41.00
90700	Specific Gravity	D 854	Ea	\$51.00
90800	pH of Soils	D 4972	Ea	\$15.00
90900	Unconfined Compressive Strength	D 2166	Ea	\$39.00
	Unconsolidated-undrained Triaxial			
91000	Compression	D 2850	Ea	\$54.00
91100	Permeability - Constant Head	D 2434	Ea	\$199.00
91200	One-Dimensional Consolidation	D 2435	Ea	\$310.00
91300	Consolidation, Additional Increment	D 2435	Ea	\$44.00
91400	Dispersive Characteristics by Pinhole Test	D 4847	Ea	\$248.00
91500	Dispersive Characteristics by Crumb Test	D 6572	Ea	\$33.00
91600	Double Hydrometer	D 4221	Ea	\$152.00
91700	Soil Suction - Filter Paper		Ea	\$49.00
91800	Additional Increment		Ea	\$45.00
91900	California Bearing Ratio	D 1683	Ea	\$185.00
	Soil Shrinkage Factors by Mercury			
92000	Method	D 427	Ea	\$54.00
92100	Soil Shrinkage Factors by Wax Method	D 4943	Ea	\$55.00
92200	One-Dimensional Swell, Cohesive Soil	D 4546	Ea	\$251.00
92300	OMD Standard Compaction	D 698	Ea	\$175.00
92400	OMD Modified Compaction	D 1557	Ea	\$187.00
		D 4253/D		
92500	Max. & Min. Density-Sand	4254	Ea	\$182.00
92600	Percent Solids in Lime Slurry		Ea	\$37.00
92700	Optimum Lime Content - pH Method	D 6278	Ea	\$302.00
92800	Optimum Lime Content - PI Method		Ea	\$208.00
Treated Soils				
94100	Cement Sand Compressive Str.	D 1633	Ea	\$61.00
94200	Cement Content of Soil-Cement	D 806	Ea	\$269.00
94300	Sieve Analysis - Base Material	C 138	Ea	\$82.00
94400	Compressive Str., Treated Base	Tes-120E	Ea	\$222.00
94500	OMD Standard Compaction, Treated	D 698	Ea	\$193.00
94600	OMD Standard Compaction, Treated	D 1557	Ea	\$205.00
95100	Nuclear Density Gauge	D 6938	Hr.	\$8.00

**Harris County Fee Schedule
Construction Materials and Geotechnical Engineering and Testing
Slip-Lining and Manhole Repair
Effective March 31, 2008**

Code	Description	Standard	Unit	Fee
100100	Coring/Drilling of Manhole Grout		Hole	\$52.00
100200	Coring and strength of Gunite Panel		Core	\$105.00
100300	Flexural Str./Modulus of Elasticity of Liner	D 790	Coupon	\$295.00

**Harris County Fee Schedule
Construction Materials and Geotechnical Engineering and Testing
Geotechnical
Effective March 31, 2008**

Code	Description	Unit	Fee
11010	Soil Boring, Intermittant 3-in. dia. (0 to 50')	Ft	\$18.00
11020	Soil Borings, Intermittant 3-in. dia. (51' to 100')	Ft	\$18.00
11030	Soil Boring, Continuous 3-in. (0 to 20')	Ft	\$18.00
11040	Soil Boring over 100' (Surcharge)	Ft	\$8.00
11050	Wash Boring	Ft	\$8.00
11060	Auger Boring	Ft	\$8.00
11070	Undisturbed/Spill-Spoon In Wash/Auger Borings	Ea	\$34.00
11080	Grouting of Completed Boring	Ft	\$5.00
11090	A.T.V. Surcharge	Ft	\$8.00
11100	Minimum Charge (to be used if charges are less than \$718.00)	LS	\$872.00
11110	Mobilization/Demobilization	LS	\$200.00
11120	TDH Cone Penetration Test	Ea	\$23.00
11130	ATV Mobilization Surcharge	LS	\$117.00
11140	Portable Rig Drilling (Crew of two)	Hr	\$152.00
11150	Standby (Crew of Two)	Hr	\$148.00