



PROFESSIONAL SERVICES AGREEMENT

(Version 9-22-2023)

This AGREEMENT (“Agreement”) is entered by and between **Geotech Engineering and Testing** (the “Professional”), located at **17407 US Highway 59, Houston, TX** and the **City of League City** (“City”), a home-rule municipality, located at 300 W. Walker St., League City, Texas 77573 on the date set forth below.

Terms:

1. **Scope of Services:** Professional will perform the services as set forth in **Exhibit A**, which is attached and incorporated herein, and which can be generally described as **construction materials testing in support of the FM270 Public Boat Ramp Renovation Project (PK1804)**. Services related to design, bid, or construction of a public work shall conform to the requirements set forth in **Exhibit B**, if applicable. If there is a conflict between the terms of this Agreement and Exhibits A (or B, if applicable), the terms of this Agreement will prevail.

2. **Term and Termination:** This Agreement shall commence on **August 17, 2026** and shall expire on **May 30, 2027** City reserves the right to terminate this Agreement for convenience upon seven (7) days written notice to Professional. Upon such termination, City shall pay Professional, at the rate set out in **Exhibit A**, for services satisfactorily performed up through the date of termination. Notwithstanding any provision in this Agreement to the contrary, City will not be required to pay or reimburse Professional for any services performed or for expenses incurred by Professional after the date of the termination notice that could have been avoided or mitigated by Professional.

3. **Compensation:** Professional shall be paid for the services as set forth in **Exhibit A**. In no event shall the total compensation exceed **\$31,424.00** during the term of this Agreement. City shall tender payment (including progress/partial payments) for services only after such services are completed and are deemed to be acceptable under this Agreement, in the sole reasonable discretion of City. Professional must submit to City invoices for all services provided, which invoices must include details and dates of service. Payment by City shall be made within thirty (30) days of receipt of an invoice, except for any portion of the invoiced amount that City disapproves as not compliant under this Agreement, in the sole reasonable discretion of City. If City disapproves any amount submitted for payment by Professional, City shall give Professional specific reasons for disapproval in writing.

4. **Insurance:** Professional **is** required during the Contract Term to maintain insurance as set forth below: (a) Comprehensive General Commercial Liability insurance covering bodily injury and property damage, with minimum coverage limits—exclusive of defense costs—of \$1,000,000 per occurrence and \$2,000,000 aggregate; (b) Professional Liability (errors and omissions/malpractice) insurance with minimum coverage limits—exclusive of defense costs—of \$2,000,000 per occurrence; and (c) If at any point during the Contract Term it is foreseeable that Professional will enter upon City premises: (i) Worker’s Compensation coverage with statutory limits for the State of Texas, and (ii) Commercial Automobile Liability coverage with minimum coverage limits—exclusive of defense costs—of \$1,000,000 per occurrence and \$2,000,000 aggregate. All policies

must contain a waiver of subrogation against City. Comprehensive General Liability and Commercial Automobile Liability policies must name the City as Additional Insured. Professional shall pay all insurance deductibles and deductibles must not exceed \$10,000 unless approved in advance by City. Professional shall provide City Certificates of Insurance evidencing these insurance requirements prior to the start of work.

5. **Liquidated Damages:** Liquidated damages **are** applicable to this transaction. Professional acknowledges that time is of the essence in performing this Agreement. City and Professional (collectively, the “Parties”) agree that if Professional is late in performing any service designated as **Time Critical** on the Scope of Services attached to this Agreement, City will suffer loss, damages, or other harm from Professional’s delay. The Parties agree that the amount of loss, damages, or harm likely to be incurred as a result of Professional’s delay is incapable or difficult to precisely estimate, and therefore the Parties desire to stipulate the amount of such loss, damages, or harm. Accordingly, Professional shall have deducted from any amounts owed under this Agreement liquidated damages equal to the number of calendar days of the delay(s) times the daily rate, which rate shall be one-tenth of one percent (0.1%) times the compensation shown in the Scope of Services for such Time Critical service. The Parties further agree that: (i) the liquidated damages specified herein are not a penalty but rather bear a reasonable relationship to, and is not plainly or grossly disproportionate to, the probable loss likely to be incurred by City as a result of Professional’s delay; (ii) one of the reasons for City and Professional to agree to such amounts is the uncertainty and cost of litigation regarding the question of actual damages; and (iii) City and Professional are sophisticated business parties and negotiated this Agreement at arm’s length.
6. **Independent Professional:** Professional is an independent Professional and is not an employee, partner, joint venture, or agent of City. Professional understands and agrees that he/she will not be entitled to any benefits generally available to City employees. Professional shall be responsible for all expenses necessary to carry out the services under this Agreement and shall not be reimbursed by City for such expenses except as otherwise provided in this Agreement.
7. **Intellectual Property:** This Agreement shall be an Agreement for services and the parties intend and consider any work created as a result of this Agreement, including any and all documentation, images, products or results, to be a work (the “Work”) for hire under federal copyright law. Ownership of the Work shall belong to and remain the exclusive property of City. The Work may be edited at any time within City’s discretion. If the Work would not be considered a work-for-hire under applicable law, Professional hereby assigns, transfers, and conveys any and all rights, title and interest to City, including without limitation all copyrights, patents, rights of reproduction, rights to ownership, and right to secure registrations, renewals, reissues and extensions thereof. As the sole copyright holder of the Work, City maintains and asserts the rights to use, reproduce, make derivative works from, and/or edit the Work in any form of medium, expression or technology now known or hereafter developed, at any time within City’s discretion. Professional shall not sell, disclose or obtain any other compensation for the services provided herein or the Work. If the Work is one to which the provisions of 17 U.S.C. § 106A apply, Professional hereby waives and appoints City to assert on Professional’s behalf Professional’s moral rights or any equivalent rights regarding the form or extent of any alteration to the Work (including, without limitation, removal or destruction) or the making of any derivative works based on the Work, including, without limitation, photographs, drawings or other visual reproductions of the work, in any medium, for City’s purposes.
8. **Confidentiality:** During the course of the services to be provided under this Agreement, Professional may become privy to confidential information of City. Professional agrees to treat as

confidential the information or knowledge that becomes known to Professional during performance of this Agreement and to not use, copy, or disclose such information to any third party unless authorized in writing by City. This provision does not restrict the disclosure of any information that is required to be disclosed under applicable law. Professional shall promptly notify City of any misuse or unauthorized disclosure of City's confidential information and upon expiration of this Agreement shall return to City all confidential information in Professional's possession or control. Professional shall further comply with all information security policies of City that may apply and shall not make any press releases, public statements or advertisement referring to the services provided under this Agreement or the engagement of Professional without the prior written approval of City.

9. **Warranties and Representations:** Professional warrants and agrees that Professional shall perform its services and conduct all operations in conformity with all applicable federal, state, and local laws, rules, regulations, and ordinances. For any service performed on premises owned or controlled by City, Professional warrants and agrees that Professional will perform said services in compliance with all City rules, including but not limited to, prohibitions related to tobacco use, alcohol, and other drugs.
10. **Licenses/Certifications:** Professional represents and warrants that it will obtain and maintain in effect, and pay the cost of, all licenses, permits or certifications that may be necessary for Professional's performance of this Agreement. If Professional is a business entity, Professional warrants, represents, covenants, and agrees that it is duly organized, validly existing and in good standing under the laws of the state of its formation; and is duly authorized and in good standing to conduct business in the State of Texas, that it has all necessary power and has received all necessary approvals to execute and deliver the Agreement and is authorized to execute this Agreement according to its terms on behalf of Professional.
11. **Performance/Qualifications:** Professional agrees and represents that Professional has the personnel, experience, and knowledge necessary to qualify Professional for the particular duties to be performed under this Agreement. Professional warrants that all services performed under this Agreement shall be performed consistent with generally prevailing professional or industry standards.
12. **Conflict of Interest:** Professional warrants, represents, and agrees that Professional presently has no interest and shall not acquire any interest, direct or indirect, that would conflict in any manner or degree with Professional's performance of the services hereunder. Professional further warrants and affirms that no relationship or affiliation exists between Professional and City that could be construed as a conflict of interest with regard to this Agreement.
13. **INDEMNIFICATION: PROFESSIONAL SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS CITY , AND EACH OF ITS OFFICIALS, OFFICERS, AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, ACTIONS, SUITS, DEMANDS, PROCEEDINGS, COSTS, DAMAGES AND LIABILITIES, INCLUDING WITHOUT LIMITATION ATTORNEYS' FEES AND REASONABLE LITIGATION COSTS, ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM ANY ACTS OR OMISSIONS OF PROFESSIONAL OR ANY AGENT, EMPLOYEE, SUBCONTRACTOR, OR SUPPLIER OF PROFESSIONAL IN THE EXECUTION OR PERFORMANCE OF THIS**

CONTRACT, TO THE EXTENT THE CLAIM ARISES FROM NEGLIGENCE, WILLFUL ACT, BREACH OF CONTRACT OR VIOLATION OF LAW.

14. **Force Majeure:** Neither party shall be liable to the other for (i) any delay in performance; (ii) any other breach; (iii) any loss or damage; or (iv) any contribution to or aggravation of any of the foregoing; arising solely from uncontrollable forces such as fire, theft, storm, war, or any other cause that could not have been reasonably avoided by the party's exercise of due diligence.
15. **Notices:** Any notice given under this Agreement by either party to the other may be affected either by personal delivery in writing or by mail, registered or certified postage prepaid with return receipt requested. Mailed notices shall be addressed to the addresses of the Parties as they appear in the contract. Notices delivered personally shall be deemed communicated at the time of actual receipt. Mailed notices shall be deemed communicated three (3) days after mailing.
16. **Texas Family Code Child Support Certification:** Pursuant to Section 231.006 of the Texas Family Code, Professional certifies that it is not ineligible to receive the award of or payments under the Agreement and acknowledges that the Agreement may be terminated, and payment may be withheld if this certification is inaccurate.
17. **State Auditor:** Professional understands that acceptance of funds under the Agreement constitutes acceptance of the authority of the Texas State Auditor's Office, or any successor agency (collectively, the "Auditor"), to conduct an audit or investigation in connection with those funds. Professional agrees to cooperate with the Auditor in the conduct of the audit or investigation, including without limitation providing all records requested. Professional will include this provision in all contracts with permitted subprofessionals.
18. **Jurisdiction:** Any disputes under this Agreement shall be brought in a court of competent jurisdiction in Galveston, Texas and governed by Texas law.
19. **Alternative Dispute Resolution:** To the extent that Chapter 2260, Texas Government Code, is applicable to this Contract and is not preempted by other applicable law, the dispute resolution process provided for in Chapter 2260 and the related rules adopted by the Texas Attorney General Pursuant to Chapter 2260, shall be used by City and Professional to attempt to resolve any claim for breach of contract made by Professional that cannot be resolved in the ordinary course of business. The Director of Finance of City shall examine Professional's claim and any counterclaim and negotiate with Professional in an effort to resolve such claims. This provision shall not be construed as a waiver by City of its right to seek redress in the courts.
20. **Entire Agreement:** This Agreement contains the entire understanding between the Parties and supersedes all prior agreements, arrangements, and understanding, oral or written between the Parties relating to this Agreement. This Agreement may not be modified except by mutual written agreement of the Parties executed subsequent to this Agreement.
21. **Eligibility to Receive Payment:** Professional certifies that, as a matter of state law, it is not ineligible to receive the Agreement and payments pursuant to the Agreement and acknowledges that the Agreement may be terminated, and payment withheld if this representation is inaccurate.
22. **Payment of Debt/Delinquency to State:** Professional certifies that it is not indebted to the City of League City and is current on all taxes owed to the City of League City. Professional agrees

that any payments owing to Professional under the Agreement may be applied directly toward any debt or delinquency that Professional owes the City of League City regardless of when it arises, until such debt or delinquency is paid in full.

23. **Products and Materials Produced in Texas:** If Professional will provide services under the Agreement, Professional covenants and agrees that in performing its duties and obligations under the Agreement, it will purchase products and materials produced in Texas when such products and materials are available at a price and delivery time comparable to products and materials produced outside of Texas.
24. **Risk of Loss:** All work performed by Professional pursuant to the Agreement will be at Professional's exclusive risk until final and complete acceptance of the work by City. In the case of any loss or damage to the work, or the need to redo or revise the work for any reason except to accommodate a City request to materially alter the work, prior to City's acceptance, bearing the costs of such loss or damage to or such redo or revision of the work will be Professional's responsibility.
25. **Publicity:** Professional shall not use City's name, logo or likeness in any press release, marketing materials or other public announcement without receiving City's prior written approval.
26. **Legal Construction/Severability:** In the event that any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision, and this Agreement shall be construed as if such invalid, illegal or unenforceable provisions had never been contained in it. To this end, the provisions of this Agreement are declared to be severable. The Parties may mutually agree to renegotiate the Agreement to cure such illegality/invalidity or unconstitutionality if such may be reasonably accomplished.
27. **Limitations:** The Parties are aware that there are constitutional and statutory limitations on the authority of City to enter into certain terms and conditions of the Agreement, including, but not limited to, those terms and conditions relating to liens on City's property; disclaimers and limitations of warranties; disclaimers and limitations of liability for damages; waivers, disclaimers and limitations of legal rights, remedies, requirements and processes; limitations of periods to bring legal action; granting control of litigation or settlement to another party; liability for acts or omissions of third parties; payment of attorneys' fees; dispute resolution; indemnities; and confidentiality (collectively, the "Limitations"). Any terms and conditions related to the Limitations will not be binding on City except to the extent authorized by the laws and Constitution of the State of Texas.
28. **Sovereign Immunity:** The Parties agree that neither the execution of the Agreement by City nor any other conduct, action or inaction of any City representative relating to the Agreement constitutes a waiver of sovereign immunity by City.
29. **Authority:** The Parties stipulate that in entering into this Agreement, the City is performing a solely governmental function and not a proprietary function. Professional warrants and represents that Professional has full power and authority to enter into and perform this Agreement and to make the grant of rights contained herein. The person signing on behalf of City represents that he/she has authority to sign this Agreement on behalf of City.

30. **Non-Waiver:** The Parties specifically agree that neither the occurrence of an event giving rise to a breach of contract claim nor the pendency of a claim constitute grounds for the suspension of performance by Professional. No covenant or condition of this Agreement may be waived except by written consent of the waiving party. Forbearance or indulgence by one party in any regard whatsoever shall not constitute a waiver of the covenant or condition to be performed by the other party.
31. **Prohibitions Pursuant to Texas Government Code:** By executing this Agreement Professional verifies that Profession (1) does not boycott Israel and will not during the term of this Agreement per Section 2274.002; (2) is not engaged in business with Iran, Sudan, or any company on the list referenced in Section 2252.152; (3) does not boycott energy companies and will not during the term of this Agreement per 2274.002; and (4) does not have a practice, policy, guidance, or directive of this Agreement against a firearm entity or firearm trade association and will not during the term of this Agreement per 2274.002.

(signature block on next page)

Executed on _____, *(date to be filled in by City Secretary)*

GEOTECH ENGINEERING AND TESTING - “Professional”

DocuSigned by:

David Eastwood

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David Eastwood, P.E., D.GE, DFE, BC.GE,
C.A.P.M., F.FPA, F.PTI, F.ASCE

CITY OF LEAGUE CITY – “City”

John Baumgartner, P.E., ICMA-CMA
City Manager

Attest:

Diana Stapp, City Secretary

Approved as to Form:

Office of the City Attorney

Exhibit A

Scope of Services/Description of Products/Payment Schedule
(9) pages, including this page)

See Next 8 Pages



GEOTECH ENGINEERING and TESTING

Geotechnical • Environmental • Construction Materials • Forensic Engineering

17407 US Highway 59 • Houston, Texas • Tel.: 713-699-4000 • Fax: 713-699-9200 • Website: www.geotecheng.com



ACCREDITED
CERTIFICATE #0075-01
#0075-02

By Email Only

City of League City
300 W Walker
League City, TX 77573

June 30, 2026
Proposal No. P26 214
Tel.: 281-554-1457

Attention: Mr. Anthony Talluto
Project Manager

E-mail: Anthony.Talluto@leaguecitytx.gov

CONSTRUCTION MATERIALS ENGINEERING PROPOSAL FOR FM 270 PUBLIC BOAT RAMP LOCATED AT 2913 MARINER DRIVE, CITY OF LEAGUE CITY, TEXAS 77573

Gentlemen:

We are pleased to submit a proposal for the above-mentioned project. The project's plans and scope of work was reviewed by our firm to plan a construction material testing program that will provide an adequate level of quality control.

Scope of Work

The general scope of our work for construction materials testing for this project will consist of the following:

- Proofrolling of excavated areas prior to fill placement to determine soft areas.
- Pickup of soil samples for laboratory testing for Proctor, LL, PI, and percent passing No. 200 sieve, and lime/fly ash stabilization.
- In-place density testing of subgrade prior to pavement placement.
- Pavement area subgrade stabilization evaluation.
- Perform gradation and lime depth check on the subgrade.
- Field and lab testing of concrete to evaluate compressive strengths.
- Field and lab testing of asphalt to determine density and asphalt thickness.
- Perform pavement cores to determine pavement thickness and strength.



Cost Estimate

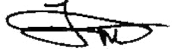
We propose providing our services on a time and materials basis in accordance with the attached Fee Schedule with an estimated cost of \$31,424. To prepare an accurate estimate for our services, the actual construction schedule and weather data are required. We did not have this data at the time this proposal was created. Our fees are not a lump sum; the actual cost of testing may be lower or higher. Our technician will spend approximately 88 hours at the site observing proof rolling, performing density on subgrade, and concrete testing and coring.

17407 US Hwy. 59 North • Houston, Texas 77396 • Tel.: 713-699-4000 • Fax: 713-699-9200
Texas • Louisiana • New Mexico • Oklahoma
Website: www.geotecheng.com

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 or incorporating the terms into a subcontract agreement. This proposal is valid for only 90 days.

Very truly yours,

GEOTECH ENGINEERING AND TESTING



Fred Zandi, P.E.

Vice President/CME Chief Engineer

Attachments: Cost Estimate
Fee Schedule

**CONSTRUCTION MATERIALS ENGINEERING PROPOSAL
FOR FM 270 PUBLIC BOAT RAMP LOCATED AT 2913 MARINER DRIVE
CITY OF LEAGE CITY, TEXAS 77573**

Service Description	Unit Rate	Unit Measure	Quantity	Amount
Project Setup/Site Visit				
Senior Engineer	\$277.00	hour	4	\$1,108.00
Project Engineer	\$160.00	hour	4	\$640.00
Engineering Asst.	\$75.00	hour	1	\$75.00
Transportation	\$180.00	trip	1	\$180.00
			Subtotal	<u>\$2,003.00</u>
Earthwork/Lab Services				
Technician, Asphalt 1A Certified	\$96.00	hour	24	\$2,304.00
Technician (OT)	\$144.00	hour	6	\$864.00
Transportation	\$180.00	trip	6	\$1,080.00
OMD Curve, Standard (D698)	\$246.00	each	4	\$984.00
LL/PL Limits, Method B (D4318)	\$76.00	each	8	\$608.00
% Passing No. 200 Sieve (D1140)	\$59.00	each	8	\$472.00
Percent Solids in Lime Slurry	\$52.00	each	10	\$520.00
			Subtotal	<u>\$6,832.00</u>
In-Place Density				
Technician	\$83.00	hour	48	\$3,984.00
Technician OT	\$124.50	hour	12	\$1,494.00
Nuclear Gauge	\$125.00	trip	6	\$750.00
Transportation	\$180.00	trip	6	\$1,080.00
			Subtotal	<u>\$7,308.00</u>
Concrete Testing				
Technician	\$83.00	hour	16	\$1,328.00
Technician OT	\$124.50	hour	4	\$498.00
Transportation	\$180.00	trip	2	\$360.00
Concrete Coring (4"-6")	\$127.00	each	4	\$508.00
Prep. Of Cores, Cap & Test	\$95.00	each	4	\$380.00
Measuring Length of Core	\$34.00	each	4	\$136.00
Comp. Strength Conc Cyl.	\$25.00	each	60	\$1,500.00
			Subtotal	<u>\$4,710.00</u>
Asphalt				
Technician	\$83.00	hour	24	\$1,992.00
Technician, OT	\$124.50	hour	6	\$747.00
Transportation	\$180.00	trip	3	\$540.00
Nuclear Gauge	\$125.00	trip	3	\$375.00
Asphalt Coring, Minimum charge	\$113.00	each	5	\$565.00
Measuring Thickness of Cores	\$27.00	each	5	\$135.00
Bulk Density on Core	\$65.00	each	5	\$325.00
			Subtotal	<u>\$4,679.00</u>
Project Management/Administrative:				
Sr. Engineer, P.E.	\$277.00	hour	6	\$1,662.00
Project Engineer	\$160.00	hour	18	\$2,880.00
Engineering Asst.	\$75.00	hour	18	\$1,350.00
			Subtotal	<u>\$5,892.00</u>
			Total	<u>\$31,424.00</u>
Note: Actual Technician rates will vary depending on technician certifications and qualifications, per the fee schedule attached				
Proposal No. P 26-214 CE	GEOTECH ENGINEERING AND TESTING			

Fee Schedule
Geotechnical Engineering and Construction Materials Engineering Service
Labor and Unit Rates
April 1, 2024

Categories	Code	Description	Standard	Unit	Rate
Labor Rates	10100	Principal, P.E.		Hr.	266
Labor Rates	10200	Senior Engineer, P.E. (10 yrs experience)		Hr.	218
Labor Rates	10300	Project Engineer, P.E. or Project Geologist, P.G.		Hr.	176
Labor Rates	10400	Graduate Engineer, Graduate Geologist or Project Manager		Hr.	122
Labor Rates	10500	Technician, NICET IV		Hr.	112
Labor Rates	10600	Technician, NICET III, HMA – II		Hr.	107
Labor Rates	10700	Technician, NICET II, ACI Construction Inspector, HMA – 1A, Logger or both TxDOT Soil SB-101 and SB-102		Hr.	96
Labor Rates	10750	Technician, ACI Field Grade I and TxDOT Soil SB –102		Hr.	83
Labor Rates	10800	Technician, ACI Field Grade I, TxDOT Soil SB – 101, or SB-102 or HMA – 1B		Hr.	69
Labor Rates	10900	Technician (Non-Certified)		Hr.	59
Labor Rates	11000	Senior Certified Welding Inspector, SCWI or Non Destructive Tester, ACCP Level III		Hr.	138
Labor Rates	11100	Welding Inspector, CWI or Non Destructive Tester, ACCP II		Hr.	122
Labor Rates	11200	Associate Welding Inspector CAWI		Hr.	80
Labor Rates	11400	Non Destructive Tester, ACCP II with Assistant (2 man crew)		Hr.	181
Labor Rates	11500	Administrative Assistant and Clerical Support		Hr.	75
Labor Rates	15000	Vehicle Charge		Hr.	13
Labor Rates	15100	Reimbursable Expenses			Cost+10%
Labor Rates	15200	Services provided by quotation			Cost+10%
Aggregates	20100	Sieve Analysis – Coarse Aggregates	C136	Ea.	66
Aggregates	20200	Sieve Analysis – Fine Aggregates	C136	Ea.	66
Aggregates	20300	Rel. Density & Absorption – Coarse Aggregates	C127	Ea.	98
Aggregates	20400	Rel. Density & Absorption – Fine Aggregates	C128	Ea.	119
Aggregates	20500	Bulk Density & Voids in Aggregate	C29	Ea.	46
Aggregates	20600	Absorption – Coarse Aggregates	C127	Ea.	54
Aggregates	20700	Absorption – Fine Aggregates	C128	Ea.	54
Aggregates	20800	Finer Than 75-um (No. 200) Sieve	C117	Ea.	60
Aggregates	20900	Organic Impurities in Fine Aggregates	C40	Ea.	59
Aggregates	21000	L.A Abrasion (Fine and Coarse Aggregate)	C131/535	Ea.	251
Aggregates	21100	Clay Lumps and Friable Particles	C142	Ea.	67
Aggregates	21200	Lightweight Particles	C123	Ea.	320
Aggregates	21300	Sand Equivalent	D2419	Ea.	79
Aggregates	21400	Na/Mg Sulfate Soundness of Aggregates (5 Cycles)	C88	Ea.	426
Aggregates	21500	Na/Mg Sulfate Soundness of Aggregates (add'l Cycles)	C88	Ea.	246

Fee Schedule
Geotechnical Engineering and Construction Materials Engineering Service
Labor and Unit Rates
April 1, 2024

Categories	Code	Description	Standard	Unit	Rate
Portland Cement Concrete	30050	Mix Design Review	None	Ea.	533
Portland Cement Concrete	30100	Compressive Str. Cylinder	C39	Ea.	21
Portland Cement Concrete	30200	Flexural Str. Beam	C78	Ea.	33
Portland Cement Concrete	30300	Split Tensile Str.(Incl prep)	C496	Ea.	132
Portland Cement Concrete	30400	Time of Set by Penetration	C403	Ea.	409
Portland Cement Concrete	30500	Linear Shrinkage & Thermal Coef (Bar)	C531	Set 3	395
Portland Cement Concrete	30600	Length Change of Hydraulic-Cement Mortar and Concrete	C490/C157	Set 3	156
Portland Cement Concrete	30700	Density of Structural Lightweight Concrete	C567	Ea	98
Portland Cement Concrete	30800	Concrete Coring, Minimum Charge	C42	Min	639
Portland Cement Concrete	30900	Concrete Coring (4" Diameter to 6" Thickness)	C42	Ea.	127
Portland Cement Concrete	31000	Concrete Coring, 4", Additional Thickness (Over 6" to 12")	C42	In	12
Portland Cement Concrete	31100	Concrete Coring, Additional Thickness (Over 12")	C42	In	15
Portland Cement Concrete	31110	Concrete Coring (6" Diameter to 6" Thickness)	C42	Ea.	192
Portland Cement Concrete	31112	Concrete Coring, 6", Additional Thickness (Over 6" to 12")	C42	In	18
Portland Cement Concrete	31113	Concrete Coring, 6", Additional Thickness (Over 12")	C42	In	24
Portland Cement Concrete	31200	Preparation of Core, Cap & Test	C42	Ea.	95
Portland Cement Concrete	31300	Measuring Length of Core	C174	Ea.	34
Portland Cement Concrete	31400	Pachometer Survey (Magnetic Induction)	None	Day	116
Portland Cement Concrete	31500	Probe Penetration Test Equipment (Plus Probes)	C803	Day	111
HMAC	40100	Mix Design Review	None	Ea.	533
HMAC	40200	HMAC Design (In-Place)	None	Ea.	2780
HMAC	40300	Trial Batch (Up to 5 Points) Excludes Testing	None	Ea.	1966
HMAC	40400	Additional Points	None	Ea.	283
HMAC	40500	Extraction/Gradation	Tex-210F	Ea.	245
HMAC	40600	Specific Gravity	D2041 & Tex-201F	Ea.	87
HMAC	40700	HVEEM Stability	Tex-208F	Set	115
HMAC	40800	Bulk Density – Lab Molded or Cores	Tex-207F	Set	65
HMAC	40900	Bulk Density Core	Tex-207F	Ea.	62
HMAC	41000	Molding Specimens	Tex-206F	Set	77
HMAC	41100	Maximum Theoretical Specific Gravity	Tex-227F	Ea.	110
HMAC	41200	Apparent Specific Gravity	Tex-202F	Ea.	82
HMAC	41300	Abson Recovery	Tex-211F	Ea.	394
HMAC	41400	Moisture Susceptibility	Tex-531C	Ea.	573

Fee Schedule
Geotechnical Engineering and Construction Materials Engineering Service
Labor and Unit Rates
April 1, 2024

Categories	Code	Description	Standard	Unit	Rate
HMAC	41500	Penetration	D5	Ea.	104
HMAC	41600	Ductility	D113	Ea.	138
HMAC	41700	Viscosity	D2170	Ea.	115
HMAC	41800	Asphalt Coring, Minimum Charge	None	Min.	639
HMAC	41900	Asphalt Coring (4"Dia. to 6" Thickness)	None	Ea	113
HMAC	42000	Asphalt Coring (4"Dia. over 6" Thickness)	None	In	11
HMAC	42150	Asphalt Coring (6"Dia. to 6" Thickness)	None	Ea.	180
HMAC	42160	Asphalt Coring (6"Dia. over 6" Thickness)	None	In	16
HMAC	42200	Measuring Thickness of Asphalt	D3549	Ea.	27
HMAC	42300	PMA Extraction/Gradation	D2172	Ea.	328
HMAC	42400	PMA Extraction/Gradation	D6307	Ea.	203
HMAC	42500	Asphalt Content	D4125	Ea.	104
HMAC	42600	Molding Superpave Specimens	Tex-241-F	Set	565
HMAC	42700	Hamburg Wheel	Tex-242-F	Ea.	1130
Structural Steel	50100	Radiographic Source, Iridium	None	Day	148
Structural Steel	50200	Radiographic Source, Cobalt 60	None	Day	171
Structural Steel	50300	Ultrasonic Equipment	E114/E273/E587/E797	Day	110
Structural Steel	50400	Magnetic Particle Inspection	E709	Day	44
Structural Steel	50500	Skidmore-Wilhelm Tension Indicator	None	Day	174
Structural Steel	50600	Torque Wrench	None	Day	64
Structural Steel	50700	Discontinuity (Holiday) Equipment	None	Day	115
Structural Steel	50800	Dry Film Thickness Equipment (Tooke Gauge)	D4138	Day	44
Structural Steel	50900	Dry Film Thickness Equipment (Magnetic)	D7091	Day	44
Masonry	60100	Compressive Strength, Mortar Cubes	C109	Set 6	169
Masonry	60200	Compressive Strength, Mortar Cubes	C109	Ea.	28
Masonry	60300	Compressive Strength, Mortar or Grout Cylinder	C780/C39	Ea.	28
Masonry	60400	Compressive Strength, Grout Prism	C1019	Set 3	180
Masonry	60500	Measurement, Brick	C67	Ea.	71
Masonry	60600	Compressive Strength Test, Brick	C67	Ea.	40
Masonry	60700	Flexural Strength Test, Brick	C67	Ea.	55
Masonry	60800	Absorption of Brick, 24 hr.	C67	Ea.	87
Masonry	60900	Absorption of Brick, 5 hr.	C67	Ea.	86
Masonry	61000	Measurement, CMU	C140	Ea.	37

Fee Schedule
Geotechnical Engineering and Construction Materials Engineering Service
Labor and Unit Rates
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Categories	Code	Description	Standard	Unit	Rate
Masonry	61100	Weight, CMU	C140	Ea.	104
Masonry	61200	Moisture Content, CMU	C140	Ea.	104
Masonry	61300	Compressive Strength, CMU	C140	Ea.	170
Masonry	61400	Compressive Strength, CMU Hollow Prism	C1314	Ea.	226
Masonry	61500	Compressive Strength, CMU Grouted Prism	C1314	Ea.	339
Fireproofing	70100	Density of SFRM	E605	Ea.	46
Fireproofing	70200	Cohesion/Adhesion of SFRM (Equipment only)	E736	Ea.	35
Roofing	80400	Compressive Strength of Lwt. Insulating Concrete	C495	Set 4	146
Roofing	80500	Compressive Strength of Lwt. Insulating Concrete	C495	Ea.	38
Roofing	80600	Unit Weight of Lwt. Insul. Concrete	C495	Set 2	66
Soils	90100	Liquid and Plastic Limits	D4318	Ea.	76
Soils	90200	Moisture Content of Soils by Mass	D2216	Ea.	12
Soils	90300	Moisture Content by Microwave	D4643	Ea.	38
Soils	90400	Sieve Analysis	D422	Ea.	69
Soils	90500	Sieve Analysis w/ Hydrometer	D422/D7928	Ea.	164
Soils	90600	Percent Passing #200 Sieve	D1140	Ea.	59
Soils	90700	Specific Gravity	D854	Ea.	71
Soils	90800	pH of Soils	D4972	Ea.	21
Soils	90900	Unconfined Compressive Strength	D2166	Ea.	54
Soils	91100	Unconsolidated-undrained Triaxial Compression	D2850	Ea.	77
Soils	91200	One-Dimension Consolidation	D2435	Ea.	479
Soils	91300	Consolidation, Additional Increment	D2435	Ea.	62
Soils	91400	Dispersive Characteristic by Pinhole Test	D4647	Ea.	345
Soils	91500	Dispersive Characteristic by Crumb Test	D6572	Ea.	46
Soils	91600	Double Hydrometer	D4221	Ea.	266
Soils	91700	Soil Suction – Filter Paper	None	Ea.	69
Soils	91900	California Bearing Ratio	D1883	Ea.	259
Soils	92000	Soil Shrinkage Factors by Mercury Method	D427	Ea.	77
Soils	92100	Soil Shrinkage Factors by Wax Method	D4943	Ea.	97
Soils	92200	One-Dimensional Swell, Cohesive Soil	D4546	Ea.	373
Soils	92300	OMD Standard Compaction	D698	Ea.	246
Soils	92400	OMD Modified Compaction	D1557	Ea.	263
Soils	92500	Max. & Min. Density – Sand	D4253/D4254	Ea.	320

Fee Schedule
Geotechnical Engineering and Construction Materials Engineering Service
Labor and Unit Rates
April 1, 2024

Categories	Code	Description	Standard	Unit	Rate
Soils	92600	Percent Solids in Lime Slurry	None	Ea.	52
Soils	92700	Optimum Lime Content – pH Method	D6276	Ea.	283
Soils	92800	Optimum Lime Content – PI Method	None	Ea.	292
Soils	94100	Cement Sand Compressive Strength	D1633	Ea.	86
Soils	94200	Cement Content of Soil-Cement	D806	Ea.	377
Soils	94300	Sieve Analysis - Base Material	C136	Ea.	115
Soils	94400	Compressive Strength Treated Base	Tex-120E	Ea.	311
Soils	94500	OMD Standard Compaction, Treated	D698	Ea.	273
Soils	94600	OMD Modified Compaction, Treated	D1557	Ea.	289
Soils	95100	Nuclear Density Gauge	D6938	Hr.	13
Slip-Lining and Manhole Repair	100200	Coring and Strength of Gunite Panel	C42/C39	Core	147
Subsurface Exploration(Geotechnical	110010	Soil Boring, Intermittent 3-in. dia. (0 to 50')	None	Ft	24
Subsurface Exploration(Geotechnical	110020	Soil Boring, Intermittent 3-in. dia. (50' to 100')	None	Ft	27
Subsurface Exploration(Geotechnical	110030	Soil Boring, Continuous 3-in. (0 to 20')	None	Ft	27
Subsurface Exploration(Geotechnical	110031	Soil Boring, Continuous 3-in. (20' to 50')	None	Ft	32
Subsurface Exploration(Geotechnical	110032	Soil Boring, Continuous 3-in. (50' to 100')	None	Ft	45
Subsurface Exploration(Geotechnical	110040	Soil Boring over 100' (Surcharge)	None	Ft	12
Subsurface Exploration(Geotechnical	110050	Wash Boring	None	Ft.	15
Subsurface Exploration(Geotechnical	111060	Auger Boring	None	Ft.	14
Subsurface Exploration(Geotechnical	110070	Undisturbed/Split-Spoon in Wash/Auger	None	Ea.	48
Subsurface Exploration(Geotechnical	110071	Piezometer Installation	None	Ft.	26
Subsurface Exploration(Geotechnical	110072	Piezometer Abandonment	None	Ft.	21
Subsurface Exploration(Geotechnical	110080	Grouting of Completed Boring	None	Ft.	13
Subsurface Exploration(Geotechnical	110090	ATV Surcharge	None	Ft.	11
Subsurface Exploration(Geotechnical	110100	Minimum Charge for the Exploration (to be used if charges are less than \$1000.00)	None	LS	1065
Subsurface Exploration(Geotechnical	110110	Mobilization/Demobilization	None	LS	746
Subsurface Exploration(Geotechnical	110120	TDH Cone Penetration Test	None	Ea.	33
Subsurface Exploration(Geotechnical	110130	ATV Mobilization Surcharge	None	LS	266
Subsurface Exploration(Geotechnical	110140	Portable Drilling Rig Operation (Crew of two)	None	Hr	320
Subsurface Exploration(Geotechnical	110150	Standby (Crew of two)	None	Hr	320
Subsurface Exploration(Geotechnical	110160	Daily Mobilization (Crew)	None	Day	565