



January 10, 2025
REVISED

Brazoria County Engineering
451 N. Velasco, Suite 230
Angleton, TX 77515
979.864.1265 Office

Reference: Amended Construction Material Testing & Field Inspection Services
Brazoria County West and Central Service Center Improvements
10th and Jefferson St
West Columbia, TX 77486
GETI Proposal No. 24043 - A

Attention: Barbara Martinez, P.E. | Staff Engineer

Ladies & Gentlemen:

Geoscience Engineering & Testing, Inc. (GETI) is pleased to submit our scope of services for the material testing and inspection services in response to your request and subsequent emails for the above-referenced project. We appreciate your selection of Geoscience to provide these services.

Project Information

Project information was provided by Bowman Company, namely the following:

1. Project Drawings Dated 03/18/22.
2. CSP#23-57 West and Central Service Centers Improvements Specifications Dated 03/06/23
3. Geotechnical Report Prepared by Geoscience Engineering and Testing, Inc. Dated 4/13/20
4. Addition added by Quiddity & Brazoria County Meeting Dated 12/11/24.

The scope of work for this project consists of Construction Materials Testing and Inspections for the construction of two pre-engineered metal buildings with site improvements to include asphalt and two concrete paving approach, two generator pads and structural steel inspections.

The Project will be located in West Columbia, Texas.

The above description of the scope of work is general in nature and is only intended to provide an overview of the project. The complete detailed scope of work and bid items are contained in the plans and specifications.

This project shall be constructed under the provided plans and referenced specifications located within those plans.

Scope of Work

GETI is pleased to offer a program of acceptance testing and observation which will include the following items:

1. Generator Pad
 - a. Prepared Earth Fill
 - b. Proof Rolling of the Subgrade
 - c. Reinforcement Review
 - d. Concrete Work – Sampling and Testing

2. Paving/Approaches
 - a. Prepare Base/Subgrade Material
 - b. Perform Compaction Testing
 - c. Asphalt Testing – Sampling, Rolling Pattern and Testing
 - d. Concrete Work – Sampling and Testing

3. Steel Construction
 - a. All Field Welding
 - b. High-Strength Steel Bolting
 - c. Inspection of Structural Steel, Bolting, and Welding Material
 - d. Welding of Structural Steel

It is the intention of GETI to provide only qualified personnel holding industry certifications for all inspections and testing as listed above. These include ACI, ASNT, CWI, NACE and NICET certifications. Furthermore, our laboratory facilities are operated under ASTM E-329 with outside accreditation by A2LA. Personnel qualifications are available on request.

Fee Estimate

Based on the plans and other documents provided our estimated fee for this project is \$ 15,497.00. This is a good-faith estimate, and suggested budget only, since the actual cost will depend on the contractor's schedule and efficiency, items over which we have no control. You will be billed only for the actual services performed.

The GETI Fee Schedule of Personnel and Tests is also attached, along with our Basis of Estimate.

We appreciate your consideration and this opportunity. We look forward to working with you on this project. Please authorize this work in accordance with the attached General Terms and Conditions

If you have further questions or require additional information, please do not hesitate to call.

Respectfully Submitted,
Geoscience Engineering & Testing, Inc.

Susan McPhail

Susan McPhail
Sr. Project Manager



Telfryn L. John, P.E.
Principal Engineer / President

Attachments:

- Proposal Acceptance
- General Notes
- Terms and Conditions
- Fee Schedule and Estimate

PROPOSAL ACCEPTANCE

Accepted By: _____

Names / Title: _____

Date; _____

GENERAL NOTES

1. Special tests and observations not contained herein will be quoted on a specific request basis.
2. Trip charges will be made by our technician to the site, including cancellations, with a minimum time of 4 hours.
3. All services on an hourly basis will be charged at the applicable hourly rate, portal to portal from our laboratory.
4. A minimum technician time of 4 hours will be billed for any and all field observation trips, except sample pick-up trips which will be billed at a minimum technician time of 2 hours.
5. An overtime rate of 1.5 times the regular published hourly rate will be charged for all work over 8 hours per day on Monday through Friday and for all hours worked on Saturday, Sunday, and Holidays.
6. The client agrees that in accordance with generally accepted construction practices, the contractor will be solely and completely responsible for working conditions on the job site. Including safety of all persons and property during the performance of the work and compliance with OSHA regulations, and that these requirements will apply continuously and not be limited to normal working hours.

GEOSCIENCE GENERAL TERMS AND CONDITIONS

Payment Terms: Payment is due upon receipt of our invoice. If payment is not received within 30 days from the invoice date, the client agrees to pay a finance charge on the principal amount of the past due account of one and one-half percent per month (18% per annum). If one and one-half percent per month exceeds the maximum allowed by law, the charge shall automatically be reduced to the maximum legally allowable. Reasonable attorney fees, personnel charges, or any costs incurred in collecting delinquent accounts will be charged to the client. All sums due are payable in Harris County, Texas. In the event client requests termination prior to completion, a termination charge in the amount equal to all charges incurred through the date services are stopped plus any shutdown costs may, at the discretion of Geoscience Engineering & Testing, Inc. (GETI) be made. If GETI is required to stop operations because of changes in the scope of services as requested by the client or requirements of third parties, additional charges will be applicable. GETI reserves the right to withhold any letters and reports pending payment for services.

Standard of Care: GETI will professionally represent CLIENT, using proper skills and care normally associated with the type of project and geographical location of the project. The only warranty or guarantee made by GETI about the services requested or performed hereunder is that we will use that level of skill ordinarily exercised under similar conditions by reputable members of our profession practicing in the same or similar locality. No other warranty, expressed or implied, is made or intended by our proposal for services or by furnishing oral or written reports.

Data and Project Confidentiality: GETI will strive to observe reasonable confidentiality concerning CLIENT project details. Data collected by GETI will not be shared with third parties unless so directed by CLIENT for project-related engineering purposes. Data will remain the property of GETI and will be disposed of after a period of 3 years unless otherwise directed by CLIENT. Project details may be shared in general by GETI for Marketing purposes.

Sample Disposal Agreement: Unless otherwise requested, test specimens will be disposed of immediately upon completion of testing. Upon written request, GETI will retain test specimens for a specified period, to be determined at the time of writing.

Insurance: GETI maintains Comprehensive General Liability Insurance and Liability Insurance with w/bodily injury and property damage. Professional Liability Insurance is also provided for the protection of GETI. A Certificate of Insurance can be supplied as evidence of such coverage.

This agreement may be terminated by either party based on two days' written notice. Upon termination, the GETI will be paid in full for all services performed and will provide copies of all reports to the CLIENT.

Underground Utilities: GETI is not responsible for locating or identifying underground utilities. Although GETI will call DIGG TESS to seek input from utility owners and take all reasonable care to avoid damage or injury to subterranean structures or utilities, the CLIENT agrees to hold the GETI harmless for any damages to subterranean structures which are not called to GETI's attention and correctly shown on the plans furnished.

Right of Entry: The CLIENT further agrees to provide the right of entry of GETI to the site for the provision of service. While GETI will take all reasonable precautions to minimize any damage to the property, It is understood by the CLIENT that in the normal course of work, some damage may occur and that the correction of such is not part of this agreement.

Limitation of Liability: The CLIENT agrees to limit GETI's liability to the owner, all construction contractors, sub-contractors, sub-consultants, and other third parties arising from GETI's professional acts, errors, or omissions, on the project such that the total aggregate liability of GETI to all those named shall not exceed the lesser of the fee for this project or \$50,000. GETI maintains professional liability insurance in the amount of \$1,000,000 as of the date of this contract.

Agreement: This agreement, including these terms and conditions, represents the entire agreement between GETI and CLIENT and supersedes any previous agreements, negotiations, or representations, whether oral or written. This agreement may be amended only in writing, signed by both GETI and CLIENT. This agreement shall be bounded by the laws of the State of Texas.

Fee Schedule						
Construction Materials Engineering Services Labor Rates						
10100	Principal, P.E.		3	Hr.	206.00	\$618.00
10200	Project Manager		4	Hr.	100.00	\$400.00
10300	Project Engineer, P.E. or Project Geologist, P.G.			Hr.	149.00	
10400	Graduate Engineer and Graduate Geologist			Hr.	101.00	
10700	Technician, NICET II, ACI CI, HMA-1A, NDT II, Logger, TxDOT Soil SB-101 and		80	Hr.	65.00	\$5,200.00
10800	Technician, OT		10	Hr.	97.50	\$975.00
10900	Technician (Non-Certified)			Hr.	55.00	
11000	Senior Welding Inspector, SCWI		24	Hr.	115.00	\$2,760.00
11100	Welding Inspector, CWI, ACCP II			Hr.	91.00	
11200	Associate Welding Inspector			Hr.	65.00	
11300	Inspector, ASNT III			Hr.	112.00	
11400	NDT Inspector Level II with asst. (2 man crew)			Hr.	112.00	
15000	Vehicle Charge Per Trip		30	Per Trip	72.50	\$2,175.00
15100	REIMBURSABLE EXPENSES					
15200	Services provided by quotation				Cost + 10%	
	Sub Total Labor					\$12,128.00
Portland Cement Concrete						
30100	Compressive Str. (Cylinder)		40	Ea	17.00	\$680.00
30200	Flexural Str. (Beam)			Ea	27.00	
30800	Concrete Coring, Minimum Charge			Min	338.00	
30900	Concrete Coring (4" diameter to 6" Thickness)			Ea	105.00	
31000	Concrete Coring, additional thickness (6" to 12")			In	9.00	
31100	Concrete Coring, additional thickness (Over 12")			In	12.00	
31110	Concrete Coring (6" diameter to 6" Thickness)			Ea	150.00	
31112	Concrete Coring, 6", additional thickness (6" to 12")			In.	13.50	
31113	Concrete Coring, 6",additional thickness (Over 12")			In	18.00	
31200	Preparation of Core, Cap & Test			Ea	78.00	
31300	Measuring Length of Core			Ea	13.00	
40100	Mix Design Review			Ea	218.00	
	Sub Total Portland Cement Concrete					\$680.00
HMAC						
40100	Mix Design Review			Ea	218.00	
40500	Extraction/Gradation			Ea	203.00	
40600	Specific Gravity			Ea	72.00	
40700	HVEEM Stability			Set	95.00	
40800	Bulk Density - Lab Molded or Core			Set	54.00	
41000	Molding Specimens			Set	63.00	
41100	Maximum Theoretical Specific Gravity			Ea	91.00	
41800	Asphalt Coring, Minimum Charge			Min	338.00	
41900	Asphalt Coring (4" Dia. to 6" Thickness)			Ea	93.00	
42000	Asphalt Coring (4" Dia. over 6" Thickness)			In	8.00	
42150	Asphalt Coring (6" Dia. to 6" Thickness)			Ea	140.00	
42160	Asphalt Coring , 6" Dia. Over 6" Thickness			In.	12.00	
42200	Measuring Thickness of Asphalt			Ea	8.00	
	Sub Total HMAC					
Structural Steel						
50300	Ultrasonic equipment		4	Day	91.00	\$364.00
50400	Magnetic Particle Inspection Equipment			Day	34.00	
50500	Skidmore-W ilhelm Tension Indicator			Day	136.00	
50700	Discontinuity (Holiday) Equipment			Day	95.00	
50800	Dry Film Thickness Equipment (Tooke Gauge)			Day	34.00	
50900	Dry Film Thickness Equipment (Magnetic)			Day	34.00	
	Sub Total Structural Steel					\$364.00

Fee Schedule						
Construction Materials Engineering Services Labor Rates						
Soils						
90100	Liquid & Plastic Limits	4	Ea	62.00	\$248.00	
90600	Percent Passing #200 Sieve	2	Ea	48.00	\$96.00	
90700	Specific Gravity		Ea	59.00		
90800	pH of Soils		Ea	17.00		
92300	OMD Standard Compaction	2	Ea	204.00	\$408.00	
92400	OMD Modified Compaction		Ea	275.00		
92800	Optimum Lime Content - PI Method	2	Ea	242.00	\$484.00	
94100	Cement Sand Compressive Strength		Ea	71.00		
94200	Cement Content of Soil-Cement		Ea	313.00		
94300	Sieve Analysis - Base Material		Ea	95.00		
94400	Compressive Strength Treated Base	4	Ea	258.00		
94600	OMD Standard Compaction, Treated	1	Ea	239.00	\$239.00	
95100	Nuclear Density Gauge Per Day	8	Per Day	50.00	\$400.00	
	Sub Total Soils					\$2,325.00
	Total of Estimate					\$15,497.00