

**EXHIBIT “F-4”
CONTRACT AMENDMENT**

*Article 2
Character and Extent of Services*

2.01 The Consultant shall perform its obligations under this Contract Amendment in accordance with the original Scope of Work and any additional Scope of Work within the Consultant’s proposal attached hereto as **Exhibit “F-4.”** County and Consultant may agree to amend this contract. Any further amendments to this contract will be added as **“Exhibit F-*”** (F-1, F-2, etc.).

2.07 Effective January 1, 2020, the requirements of Subchapter J, Chapter 552, Texas Government Code, may apply to this contract and the Consultant agrees that the contract can be terminated if the Consultant knowingly or intentionally fails to comply with a requirement of that subchapter.

Execution

The County executes this Agreement by and through the County Judge acting pursuant to Order of the Commissioners Court of Brazoria County, Texas, so authorizing. This Agreement shall not become effective until executed by all Parties hereto.

Brazoria County, Texas

Terracon Consultants, Inc.
a Delaware company

By: _____

By: _____

L.M. (Matt) Sebesta, Jr
County Judge

Marcus McClintock
Office Manager

Date: _____

Date: _____



22535 N. Highway 288-B
Angleton, TX 77515
P (979) 202-1113
Terracon.com

September 19, 2024

Brazoria County TX
451 N Velasco St, Suite 230
Angleton, TX 77516

Attn: Matt Hanks, P.E.
E: matth@brazoria-county.com

RE: Proposal for Materials Services
BCCCE – Administration Building Phase 2
237 E Locust St.
Angleton, TX
Terracon Proposal No. PAS241159

Dear Mr. Hanks:

We appreciate the opportunity to submit this proposal to Brazoria County TX to provide Materials services for the above referenced project. We understand that we have been selected solely based on professional qualifications. The following are exhibits to this proposal.


- | | |
|------------|-----------------------------------|
| 1.0 | Project Understanding |
| 2.0 | Scope of Services |
| 3.0 | Schedule |
| 4.0 | Compensation |
| 5.0 | Assumption and Limitations |

We understand that this proposal may be accepted by authorizing Terracon with a professional services agreement.

We appreciate this opportunity of working with you and look forward to working with you in the future.

Sincerely,
Terracon Consultants, Inc.


Marcus W. McClintock
Senior Associate
Office Manager


Jason L. Mills, PMP
Principal
Regional Manager

Explore with us

1.0 Project Understanding

Item	Description
Project Description	Remodel of the Brazoria County Courthouse Administration building and completion of the parking lot.
Sitework	<ul style="list-style-type: none">■ Approximately 100 cubic yards of concrete paving.■ Chemical treatment of paving subgrade.■ Concrete topping slabs located at level 1.

Terracon was provided with the following construction documents for preparation of this proposal:

- Project Manual dated May 3, 2023.
- Project Plans by Burditt dated April 18, 2024.
- Site Paving Plan sheet C6.0 by Burditt dated March 30, 2022.

A construction schedule was not provided at the time this proposal was prepared. We request the right to review the construction schedule and revise this proposal based on the schedule once it is provided.

2.0 Scope of Services

Our proposed Scope of Services consists of field and laboratory testing. These services are described in the following sections.

Scope Item	Description
Earthwork	<ul style="list-style-type: none">■ Sample treated subgrade material. Prepare and test the samples for Atterberg Limits.■ Test soil samples for moisture-density relationship.

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Scope Item	Description
	<ul style="list-style-type: none"> ■ Evaluate the subgrade soil for proposed chemically treated paving subgrade. ■ Perform field gradation tests of treated subgrade. ■ Observe proofrolling operations of the paving subgrade and perform density tests of the treated subgrade using the nuclear method to determine the moisture content and percent compaction of the soil materials.
Cast-in-Place Concrete	<ul style="list-style-type: none"> ■ Observe reinforcing steel prior to concrete placement. We will observe the rebar size, spacing and configuration. Terracon recommends we be scheduled a minimum of 24 hours prior to concrete placement. ■ Sample and test the fresh concrete for each mix. Perform tests including slump, air content, concrete temperature, and cast test specimens (ASTM C31, C143, C172, C173, and C1064). Terracon will make every attempt to cure specimens in accordance with ASTM C31. However, per ACI 301, the contractor shall provide a secure area, along with a source of water and electricity in order for Terracon to maintain the initial curing temperature of concrete test specimens. Failure of the contractor to provide these items may result in an exclusion of Terracon being able to provide the correct initial curing environment as required by ASTM C31. Occasionally, additional costs are associated with Terracon providing the correct initial curing environment for concrete test specimens, especially during the seasons with elevated ambient temperatures. This should be discussed during the pre-construction meeting ■ Perform compressive strength tests of concrete test cylinders cast in the field.
Project Management and Administration	<ul style="list-style-type: none"> ■ Attend preconstruction or preinstallation meetings. ■ Coordinate field and laboratory testing. ■ Communicate with Terracon Engineering Technicians, Contractor, and Owner’s site representative.

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Scope Item	Description
	<ul style="list-style-type: none">■ Review laboratory and field test reports.■ Monitor our budget.

2.1 Scheduling Retests

It is the responsibility of your representative to schedule retests in a like manner to scheduling our original services. Terracon shall not be held responsible for retests not performed as a result of a failure to schedule our services or any subsequent damage caused as a result of a lack of retesting.

2.2 Additional Services

If you would like us to perform additional work, please contact us and we will issue a short Supplement to Agreement form, or Supplemental Proposal, that outlines the additional work to be performed and associated fees. To authorize us to begin work, you simply return a signed copy of the Supplemental agreement.

2.3 Mechanically Stabilized Earth (MSE) Walls

This proposal excludes materials testing and observations related to mechanically stabilized earth (MSE) walls. Should the owner or client require Terracon to provide services on any portion of the MSE wall, Terracon should be requested to provide a separate proposal prior to start of construction of the MSE walls. Terracon requires an internal cursory review of the MSE wall design. This cursory review is only for internal Terracon purposes and is intended to establish the appropriate scope of construction materials testing services for the project if it is decided we will accept the assignment. This review should not be construed as accepting any design responsibility or providing any review capacity for the contractor or owner.

3.0 Schedule

Terracon’s services will be performed on an as-requested basis with scheduling by the Client or the client’s designated representative. Terracon will not be responsible for scheduling our services and will not be responsible for tests or observations that are not performed due to failure to schedule our services on the project. Since our personnel will not be at the site on a resident basis, it will be imperative that we be advised when work is in progress. Services should be scheduled a minimum of 24 hours in advance. Scheduling personnel will be on an as-available basis which may require changes in personnel assigned to the project. For instances of short-notice requests, personnel may

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have to be utilized which have a higher rate than those normally assigned, and this higher cost may be passed on to the client.

All requests for services should be submitted to the Angleton, Texas office at the following phone number: (979) 705-7212. Services should not be scheduled through our field personnel.

We recommend the scope of work described in this proposal be provided to the person(s) responsible for scheduling our services, so they are aware of the services that are proposed.

3.1 Compass

Compass

The word 'Compass' is written in a large, bold, black sans-serif font. To its right is a circular icon with a blue and green globe in the center, surrounded by a blue ring with a red arrow pointing to the right.

Compass is Terracon's latest client interfacing tool and elevates the way we do business. Terracon offers you the ability to view and interact with your testing data in a new way and is committed to using innovative techniques to deliver quality projects. Construction data is viewed by geographic location in relation to your project drawings as part of our seamless project delivery system. Within Terracon Compass, you can access our projects and their associated data, including environmental and geotechnical projects.

When you open a materials project within Compass, you will see your materials tests and observations placed on a map. This geographic reference allows you to find your information by the "where", rather than the "when." Other features and advantages of Compass include:

- Filters for Date Performed, Service Type and Test Result Status and intuitive test status designations
- Augmented Testing Reports with In-Place Locations
- Deviation or Non-Conformance Summary: Image overlays to reference multiple plan pages to your test results
- Map layer options: Test results are inserted into Compass as soon as the report has been reviewed and distributed. It becomes easier than ever to view and close deviations with an option to display within a map while also showing them in a table format.

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- Quicker turnaround of information and reports



Traditional methods of reporting and accessing results of your project’s inspections, testing, and observations are no longer sufficient for today’s construction projects. With a large number of reports generated on a single project, you now have a solution to quickly find and view specific data to make timely, informed decisions for your project.

One of Terracon Compass’ greatest strengths is that we curate your projects for your future. Terracon Compass shows your team members an interactive map with locations of past and present projects to navigate geographically; or for those that prefer a tabular format, we have that option too. Either way, as you collaborate with Terracon, your team members will be able to build a library of past projects curated online through a secured login. That means a few years after completion, your team can readily find a final, signed deliverable.

3.2 Report Turnaround Time

We understand the importance of report turnaround to our clients, and we are committed to delivering test results on a timely basis as well as the following reporting standards:

- Failing tests or non-conformance items will be communicated to the designated parties prior to leaving the site and handwritten draft reports are available at the end of each day.

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- Final reports with non-conformances (Deviation Reports) will be provided within 24 hours of testing. Terracon will maintain a deviation log which will be maintained electronically in our database and can be updated or emailed at any time.
- Final reports without non-conformances will be provided within five business days.
- Final laboratory test reports will be provided within two days of test completion.

4.0 Compensation

Based upon our understanding of the site, the project as summarized in Item 1.0, and our planned Scope of Services outlined in Item 2.0, our estimated fee is shown in the following table:

Fee Estimate				
Materials Services				
BCCCE - Administration Building Phase 2				
Terracon Proposal No. PAS241159				
DESCRIPTION	RATE	UNITS	TOTAL QUANTITY	TOTAL
Earthwork				
Engineering Technician	\$ 60.00	hours	12.00	\$ 720.00
Standard Proctor	\$ 185.00	tests	1.00	\$ 185.00
Atterberg Limits Determination (3 pt.)	\$ 85.00	tests	1.00	\$ 85.00
Moisture Content Determination	\$ 18.00	tests	1.00	\$ 18.00
Lime Determination	\$ 350.00	tests	1.00	\$ 350.00
Vehicle	\$ 70.00	trips	2.00	\$ 140.00
Sub Total				\$ 1,498.00
Concrete				
Engineering Technician	\$ 60.00	hours	18.00	\$ 1,080.00
Compressive Strength of 6" x 12" Cylinder	\$ 18.00	tests	12.00	\$ 216.00
Vehicle	\$ 70.00	trips	3.00	\$ 210.00
Sub Total				\$ 1,506.00
Administration				
APR	\$ 230.00	hours	1.00	\$ 230.00
Project Manager	\$ 140.00	hours	5.00	\$ 700.00
Administration	\$ 75.00	hours	2.50	\$ 187.50
Sub Total				\$ 1,117.50
Total				\$ 4,121.50

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- Overtime is defined as hours worked more than 8 per day, and all ours worked on weekends and holidays. Overtime rates will be 1.5 times the hourly rate quoted.
- A 4-hour minimum charge will be applied to all trips made to provide testing, observation, and consulting services. The minimum charge is not applicable for trips for sample or cylinder pick-ups.
- All labor, equipment and transportation charges are billed on a portal-to-portal basis from our office.
- You will be invoiced monthly for services performed. Terracon invoices are due within 30 days following final receipt of the invoice.
- This is a budget estimate and not a not-to-exceed price. Many factors beyond our control such as weather and the contractors schedule will dictate the final fee for our services.
- Quantities for re-tests, cancelations and stand-by-time are not included in our fee.

5.0 Assumption and Limitations

In preparing this proposal, we assumed work would occur 5 days per week and that our services would be performed on an as requested basis. Our cost estimate assumes that work occur during normal business hours. Our services will be invoiced in accordance with Item 4.0.