

PROFESSIONAL SERVICES AGREEMENT

STATE OF TEXAS §

COUNTY OF BRAZORIA §

This Agreement for professional services (“Agreement”) is made and entered into by and between **BRAZORIA COUNTY**, a political subdivision of the State of Texas, hereinafter referred to as the “County” and GFT Infrastructure, Inc, a Pennsylvania Corporation, hereinafter referred to as “Consultant”.

RECITALS

The County intends to manage the reconstruction of the roadways damaged by Solar Project (CR 772, CR 4, CR 5, and CR 23), hereinafter called the “Project”; and

The County desires that Consultant perform certain professional engineering and related services in connection with the Project; and

Consultant represents that it is qualified and desires to perform such services.

In consideration of the mutual covenants, agreements and benefits to the Parties hereto, it is agreed as follows:

TERMS

Article 1 Scope of Agreement

1.01 The Consultant agrees to perform professional engineering services as set forth in the Exhibits attached hereto and incorporated herein.

Article 2 Character and Extent of Services

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

2.02 The Consultant and County agree and acknowledge that the County is entering into this Contract in reliance on the Consultant’s competence and qualifications, as those were presented to County by Consultant with respect to professional services. The Consultant, in consideration for the compensation set forth expressly herein, shall at all times utilize its skill and attention to fully, timely, and properly render professional services for the development of the Project to final

completion as set out in, or reasonably inferred from, the Scope of Work. This shall be done in a manner utilizing the degree of care ordinarily used by Consultants performing similar services on projects of a similar nature and scope within the State of Texas.

2.03 The Consultant shall be represented by a professional engineer, who has been assigned by Consultant to manage the Project, licensed to practice in the State of Texas, at meetings of any official nature concerning the Project, including, but not limited to, scope meetings, status meetings, pre-bid meetings, pre-construction meetings and construction meetings with County and staff and/or its contractors, unless otherwise set forth in the Scope of Work or approved in writing by the County.

2.04 Work, labor, services, and materials to be furnished by Consultant shall fully comply with applicable Federal, state and local laws, rules, regulations, statutes, ordinances and directives related to the Consultant and/or the Work. In the event of any change in the applicable Federal, state and local laws, rules, regulations, statutes, ordinances and directives related to the Consultant and/or the Work for the Project, which occur after the Effective Date of the Contract, and which Consultant was not and should not reasonably have been aware of, which require changes to the Work that has already been completed by the Consultant, or require work outside the Scope of Work, then the Consultant and the County shall attempt to agree in writing on the required modifications to the Scope of Work and an equitable fee and time adjustment resulting from such additional Scope of Work. Conflicts between any applicable Federal, state and local laws, rules, regulations, statutes, ordinances and directives related to the Consultant and/or the Work shall be brought to the attention of the County by Consultant.

2.05 Consultant shall comply with all Federal laws, including but not limited to, the specific laws identified and attached hereto as **Exhibit "C"** and incorporated herein and made part of this contract. The Consultant shall require and ensure that its contractors and subcontractors comply with all applicable laws.

2.06 All work provided under this Agreement shall conform to and be in the format required by Federal and state funding agencies. Guidelines and requirements of the Federal Transit Administration, the Federal Highways Administration, the Federal Emergency Management Agency, the Environmental Protection Agency, the Texas Commission on Environmental Quality, and the Texas Department of Transportation as applicable to the project. Other Federal and local funding sources may impose additional and/or differing requirements. The project may utilize funding from the following: grants, ad valorem taxes; general obligation bonds, which all requirements for this contract must adhere to the requirements.

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.

Article 3
Time for Performance

3.01 The Consultant shall complete the services called for in this Agreement as set forth in schedule specified in **Exhibit “A”** or as further modified in **Exhibit “F-*. ”** Consultant understands that time is of the essence to complete the services by the scheduled deadlines.

Article 4
Consultant Compensation

4.01 For and in consideration of the services rendered by the Consultant under Article 2, the County shall pay to the Consultant in accordance with its Fee Schedule in **Exhibit “A”** or as further modified in **Exhibit “F-*. ”**

Article 5
Time of Payment

5.01 Monthly payments shall be made based upon that portion of the work which has been completed. Consultant shall provide, no later than the last day of each calendar month a sworn statement to the County Engineer, setting forth the percentage of the services provided which were completed during such calendar month, the compensation due, Consultant’s hourly rates, if applicable, subcontractor invoices and the respective backup documentation, and any other documentation required to support compensation due. Said statement shall be accompanied by an affidavit signed by an officer or principal of the Consultant certifying that the work was performed, it was authorized by the County Engineer and that all information contained in the invoice being submitted is true and correct.

5.02 Consultant agrees to maintain, for a period of five (5) years, detailed time records identifying each person performing the services, the date or dates that the services were performed, the applicable hourly rates, the total amount billed for each person and the total amount billed for all persons, and shall provide such other details as may be requested by the County Auditor for verification purposes. The Consultant shall retain its records and shall keep same available for inspection during regular business hours by County officials.

5.03 The Consultant’s statement becomes due and payable within thirty (30) days after receipt and approval by County. The approval or payment shall not be considered to be evidence of performance by the Consultant to the point indicated by such statement or of receipt or acceptance by the County of the work covered by such statement.

Article 6
Compliance Standards

6.01 The Consultant agrees to perform the work hereunder in accordance with County’s road and bridge specifications or Texas Department of Transportation road and bridge specifications, Brazoria County Drainage Criteria Manual and other generally accepted standards applicable

thereto, and shall use that degree of care and skill commensurate with the Consultants profession to comply with all applicable state, Federal and local laws, ordinances, rules and regulations relating to the work to be performed hereunder and Consultant's performance.

Article 7
Procurement, Suspension and Debarment

7.01 The Consultant certifies by execution of this Agreement or Contract that it is not ineligible for such participation in Federal or state assistance programs. The Consultant further agrees to include this certification in all Agreements or Contracts between itself and any subcontractor in connection with the services performed under this Agreement or Contract. The Consultant also certifies that it will notify the County in writing if it is not in compliance with Federal or State assistance programs at any time during the term of this Agreement or Contract. The Consultant agrees to refund Brazoria County for any payments made to the Consultant that would have been properly payable or reimbursable from Federal or state funds but for the fact that such payment failed to comply with Federal or state assistance programs.

Article 8
Ownership of Documents, Copyright

8.01 The County shall be the absolute and unqualified owner of all drawings, preliminary layouts, electronic documents and drawings, record drawings, sketches, reports, and other documents completed or partially completed, mylar reproducibles, preliminary layouts, created, produced, developed, or prepared, pursuant to this Agreement, by the Consultant or its approved outside advisory or support consultants (collectively the "Documents") with the same force and effect as if the County prepared same.

8.02 Consultant shall deliver all Documents to County within thirty (30) days of the termination or upon completion of this Agreement, whichever occurs first.

8.03 The Consultant may retain one (1) set of reproducible copies of such documents and such copies shall be for the Consultant's sole use in preparation of studies or reports for Brazoria County only. The Consultant 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, without the prior express written permission of the County.

8.04 County shall be the owner of all intellectual property rights of the services rendered hereunder including all rights of copyright therein.

Article 9
Public Contact

9.01 Contact with the news media, citizens of Brazoria County, the State of Texas or other governmental agencies shall be the responsibility of the County. Under no circumstances shall the Consultant release any material or information developed in the performance of its services hereunder without the express prior written permission of the County.

Article 10
Consultant's Insurance Requirements

10.01 Prior to commencement of the Services, Consultant shall furnish County with properly executed certificates of insurance which shall evidence all insurance required and provide that such insurance shall not be canceled, except on 30 days' prior written notice to County. Consultant shall provide certified copies of insurance endorsements and/or policies if requested by County. Consultant shall maintain such insurance coverage from the time Services commence until Services are completed and provide replacement certificates, policies and/or endorsements for any such insurance expiring prior to completion of Services. Consultant shall obtain such insurance written on an Occurrence form (except Professional Liability which is on a Claims Made policy) from such companies having Best rating of V/VII or better, licensed or approved to transact business in the State of Texas, and shall obtain such insurance of the following types and minimum limits set forth on **Exhibit "B."**

10.02 County shall be named as additional insured to all required coverage except for Workers' Compensation and Professional Liability. All liability policies including Workers' Compensation written on behalf of Consultant shall contain a waiver of subrogation in favor of County and members of Commissioners Court.

10.03 If required coverage is written on a claims-made basis, Consultant represents that any retroactive date applicable to coverage under the policy precedes the effective date of the contract; and that continuous coverage will be maintained or an extended discovery period will be exercised for a period of 2 years beginning from the time that work under the Agreement is completed.

Article 11
Indemnification

11.01 THE CONSULTANT SHALL INDEMNIFY THE COUNTY FROM AND AGAINST CLAIMS AND LIABILITY, PERFORMED UNDER THIS CONTRACT WHICH RESULT FROM NEGLIGENT ACT, ERROR, OR OMISSION OF THE CONSULTANT OR OF ANY PERSON EMPLOYED BY THE CONSULTANT. THE CONSULTANT SHALL IN PROPORTION OF CONSULTANT'S LIABILITY BE RESPONSIBLE TO REIMBURSE THE COUNTY FOR REASONABLE EXPENSES, INCLUDING BUT NOT LIMITED TO REASONABLE ATTORNEY'S FEES, TO THE EXTENT ARISING OUT OF THE NEGLIGENT ACTS, ERRORS OR OMISSIONS OF THE CONSULTANT, ITS AGENTS, OR EMPLOYEES.

11.02 CONSULTANTS DUTY TO INDEMNIFY COUNTY SHALL AS DESCRIBED ABOVE BE ABSOLUTE. IT SHALL NOT ABATE OR END BY REASON OF THE EXPIRATION OR TERMINATION OF THIS AGREEMENT UNLESS OTHERWISE AGREED BY COUNTY IN WRITING. THE PROVISIONS OF THIS SECTION SHALL SURVIVE THE TERMINATION OF THE AGREEMENT AND SHALL REMAIN IN FULL FORCE AND EFFECT WITH RESPECT TO ALL SUCH MATTERS NO MATTER WHEN THEY ARISE.

Article 12
Dispute Resolution

12.01 In the event of a dispute related to the breach of this Agreement that cannot be settled through negotiation, County and Consultant agree to submit the dispute to mediation.

12.02 All expenses associated with mediation shall be shared fifty (50) percent by each party.

12.03 The requirement to seek mediation shall be a condition required before filing an action at law or in equity, unless to do so would prevent either party from seeking relief in a court of law in equity under any applicable statutes of limitation.

Article 13
Termination

13.01 The County may terminate this Agreement at any time by notice in writing to the Consultant. Upon receipt of such notice, the Consultant shall discontinue all services in connection with the performance of this Agreement and shall proceed to promptly cancel all existing orders and contracts insofar as such orders or contracts are chargeable to this Agreement. As soon as practicable after receipt of notice of termination, the Consultant shall submit a statement, showing in detail the services performed under this Agreement to the date of termination. The County shall then pay the Consultant 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 the charges as have been previously made. Copies of all completed or partially completed designs, electronic data files, drawings and specifications of any kind prepared under this Agreement shall be delivered to the County when and if this Agreement is terminated.

Article 14
Notice

14.01 Any notice permitted or required to be given to the County hereunder may be given by hand-delivery or certified United States mail, postage prepaid, return receipt requested addressed to:

County:

Brazoria County Engineer
451 N. Velasco, Suite 230
Angleton, Texas 77515
ATTN: Matthew Hanks, JD, PE
Email: matth@brazoria-county.com
Phone: 979-864-1265

Consultant:

GFT Infrastructure, Inc.
3200 Southwest Fwy Suite 1600
Houston, Texas 77027
ATTN: Tanya Lindquist, PE
Email: tlindquist@gftinc.com
Phone: 832-405-1188

14.02 Such notice shall be deemed given upon receipt of hand-delivery or, if mailed, three days after the date of deposit of the notice in the United States mail as aforesaid.

Article 15
Successors and Assigns

15.01 Neither the County nor the Consultant shall assign, sublet, or transfer its or his interest in this Agreement without the prior written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of any public body which may be a party hereto.

Article 16
Applicable Law

16.01 The laws of the State of Texas govern all disputes arising out of or relating to this Agreement. The parties hereto acknowledge that venue is proper in Brazoria County, Texas for all legal actions or proceedings arising out of or relating to this Agreement and waive the right to sue or be sued elsewhere. Nothing in this Agreement shall be construed to waive the County's sovereign immunity.

Article 17
Modifications

17.01 This instrument contains the entire Agreement between the parties related 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 modification in writing signed by both parties.

Article 18
Authority of County Engineer

18.01 The County Engineer shall decide any and all questions which may arise as to the interpretation of this Agreement and all questions as to the acceptable fulfillment of this Agreement by the Consultant. His decision shall be final. It is mutually agreed by both parties that the County Engineer shall act as referee in all questions arising under the terms of this Agreement between the parties hereto and that the decisions of the County Engineer in such shall be final and binding alike on both parties hereto. But, nothing contained in this Article shall be construed to authorize the County Engineer to alter, vary or amend any of the terms or provisions of this Agreement.

Article 19
Severability

19.01 If any provision of this Agreement is determined to be invalid, illegal, or unenforceable, the remaining provisions remain in full force, if the essential terms and conditions of this Agreement for each party remain valid, binding, and enforceable.

Article 20
Merger

20.01 The Parties agree that this Agreement contains all of the terms and conditions of the understanding of the parties relating to the subject matter hereof. All prior negotiations, discussions, correspondence and preliminary understandings between the parties and others relating hereto are superseded by this Agreement.

Article 21
Boycott Verification

21.01 This verification is required pursuant to Sections 808, 809, 2271, and 2274 (87(R) Senate Bill 13 and 19 versions) of the Texas Government Code:

Definitions:

1. Per Government Code Chapter 808, "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purpose
2. Per Government Code Chapter 809, "Boycott energy company" means, without an ordinary business purpose, refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with a company because the company:
 - (A) engages in the exploration, production, utilization, transportation, sale, or manufacturing of fossil fuel-based energy and does not commit or pledge to meet environmental standards beyond applicable federal and state law; or
 - (B) does business with a company described by Paragraph (A).
3. Per Government Code Chapter 2274 (87(R) Senate Bill 19), "Discriminate against a firearm entity or firearm trade association":
 - (A) means, with respect to the entity or association, to:
 - (i) refuse to engage in the trade of any goods or services with the entity or association based solely on its status as a firearm entity or firearm trade association;
 - (ii) refrain from continuing an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association;
 - or
 - (iii) terminate an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association;
4. "Company" has the meaning assigned by Texas Government Code Sections 808.001(2), 809.001(2), and 2274.001(2) (87(R) Senate Bill 19).

This verification is only required for a contract that is between a governmental entity and a company with 10 or more full-time employees; and has a value of \$100,000 or more that is to be

paid wholly or partly from public funds of the governmental entity. If your contract value or number of employees does not reach that threshold, please provide a written certification of the contract amount and number of employees.

By signing this contract consultant agrees to the following:

- (A) does not boycott Israel currently;
- (B) will not boycott Israel during the term of the contract the named Company, business or individual with Brazoria County Texas, Texas;
- (C) does not boycott energy companies currently;
- (D) will not boycott energy companies during the term of the contract the named Company, business or individual with Brazoria County, Texas;
- (E) does not discriminate against a firearm entity of firearm trade association currently; and
- (F) will not discriminate against a firearm entity of firearm trade association during the term of the contract the named Company, business or individual with Brazoria County, Texas

21.02 All requirements of Subtitle A, Title 8 Government Code Chapter 808, apply to this contract and the Consultant, by signing below, hereby verifies its understanding of the exemptions contained therein.

21.03 Consultant agrees that the contract can be terminated if the Consultant knowingly or intentionally fails to comply with a requirement of this subchapter.

Article 22
Attachments

22.01 The following attachments are a part of this Agreement:

- | | |
|-----------|--|
| Exhibit A | Scope of Work, Fee Schedule and Project Schedule |
| Exhibit B | County's minimum insurance requirements |
| Exhibit C | Compliance with Laws |
| Exhibit D | Certificate of Interested Parties |
| Exhibit E | Conflict of Interest Disclosure |
| Exhibit F | Contract Amendments (As Needed) |

Article 23
Execution

23.01 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

**GFT Infrastructure Inc.,
a Pennsylvania company**

By: _____

L.M. (Matt) Sebesta, Jr

County Judge

Date: _____

By: _____

Tanya Fox Lindquist

Vice President

Date: _____

EXHIBIT “A”
SCOPE OF WORK, FEE SCHEDULE AND PROJECT SCHEDULE

INSERT PROPOSAL AND SCHEDULE



Ingenuity That Shapes Lives™

July 10, 2026

Karen O. McKinnon, PE
Assistant County Engineer
451 N. Velasco
Suite 230
Angleton, TX 77515

Subject: Construction Management Services for Solar Roads Package I (ITB 26-45) & II (ITB 26-46)

Dear Mrs. McKinnon,

We are pleased to present this proposal of estimated fees to provide full construction inspection services, administration, and construction materials testing services through our subconsultant, Ninyo & Moore.

The proposal is broken into two exhibits. Exhibit A details the costs associated with our services for construction engineering and inspection and Exhibit B details the costs associated with construction materials testing services performed by Ninyo & Moore.

GFT's Scope of Services:

- Assumes seven (7) month construction schedule with pre-construction and close out
- Construction administration (pay applications, preconstruction meeting, progress meetings, pre-activity meetings, as necessary)
- Performing inspection of work items in accordance with the Contract documents
- Providing review and recommendation for RFI's, material submittals, and cost change requests
- Project management as needed

Sincerely,

A handwritten signature in blue ink, appearing to read 'Tanya Fox Lindquist'.

Tanya Fox Lindquist, P.E. (TX)
Vice President | Houston Area Leader
E: tflindquist@gftinc.com
C: 832.405.1188

gftinc.com

Exhibit A

GFT Infrastructure Fee Breakdown

Professional Services Task Fee Estimate

BRAZORIA COUNTY				
ITB 26-45 & ITB 26-46				
CONSTRUCTION MANAGEMENT SERVICES FOR SOLAR ROADS PACKAGE I & II				
July 10, 2025				
FIRM			SUBTOTAL	%
GFT Infrastructure, Inc.			\$ 413,921	74%
SOCOTEC US			\$ 144,235	26%
TOTAL			\$ 558,156	100%

Professional Services Task Fee Estimate

BRAZORIA COUNTY
ITB 26-45 & ITB 26-46
CONSTRUCTION MANAGEMENT SERVICES FOR SOLAR ROADS PACKAGE I & II
GFT Infrastructure, Inc.
July 10, 2025

FEE SUMMARY

FAR Overhead Rate - On-Site (i.e. Field):	116.13%									
FAR Overhead Rate - Off-Site (i.e. Office):	137.05%									
On-Site Profit:	12.00%									
Off-Site Profit:	12.00%									
Multiplier - On-Site:	2.42									
Multiplier - Off-Site:	2.65									
On-Site Personnel		1,760	\$146,624	\$170,275	\$38,028	\$316,899	\$354,927			
Off-Site Personnel		112	\$14,271	\$19,558	\$4,060	\$33,830	\$37,889			
Total		1,760	\$160,895	\$189,833	\$42,087	\$350,729	\$392,816	\$21,105		\$413,921

LABOR DETAIL

	Robert Harris Chief Inspector	Corby Munsell Resident Engineer	Tanya Lindquist Project Manager	Beever Valdez Construction Super						
ON-SITE PERSONNEL HOURS	1,280	256		112						1,648
OFF-SITE PERSONNEL HOURS			112							112
OVERTIME HOURS	112	0	0	0						0
TOTAL LABOR HOURS	1,392	256	112	112						1,760
DIRECT HOURLY RATES	\$78.84	\$80.00	\$127.42	\$107.00						
OVERTIME RATES	\$118.26									
DIRECT SALARIES (ON-SITE PERSONNEL)	\$114,160	\$20,480	\$0	\$11,984						\$146,624
DIRECT SALARIES (OFF-SITE PERSONNEL)	\$0	\$0	\$14,271	\$0						\$ 14,271

SUBCONSULTANTS

SOCOTEC US (CMT FIRM)										\$ 144,235
Subtotal										\$ 144,235

DIRECT EXPENSES Detail on Expense Breakdown- additional page										\$ 21,105
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SUMMARY OF PROJECT COSTS

Total Labor										\$392,816
Total Expenses & Subconsultants										\$165,340
TOTAL PROJECT COST										\$ 558,156

Professional Services Task Fee Estimate

BRAZORIA COUNTY

ITB 26-45 & ITB 26-46

CONSTRUCTION MANAGEMENT SERVICES FOR SOLAR ROADS PACKAGE I & II

7/10/2025

GFT Infrastructure, Inc.

Expenses - Summary

DIRECT EXPENSES - NON LABOR

PROFESSIONAL ENGINEERING SERVICES - CONSTRUCTION MANAGEMENT

SCOPE ITEM NO.	ITEM DESCRIPTION	NO. OF EMPLOYEES	CONTRACT QTY	UNIT	UNIT RATE	AMOUNT
	Vehicles & Local Travel					
	Vehicle Lease Costs (fuel, maintenance, licensing and insurance)	1	7	MO	\$ 1,650.00	\$ 11,550.00
	Mileage: # of trips/week X # of miles/trip X # of weeks of contract length = total miles estimated X the current year's IRS allowed rate = estimated expense	2	13650	MI	\$ 0.700	\$ 9,555.00
TOTAL						\$ 21,105.00

Exhibit B

Ninyo & Moore (SOCOTEC) Fee Breakdown



July 10, 2026
Project No. 701621002

Mr. Corby Munsell, PE
GFT
3100 West Alabama
Houston, Texas 77098

Subject: Construction Materials Testing and Observation Services
Solar Roads Reconstruction Packages I & II
CR 722, CR4, CR5, and CR 23
Brazoria County, Texas

Dear Mr. Munsell:

In accordance with your request, Ninyo & Moore Geotechnical & Environmental Sciences Consultants (SOCOTEC)* is pleased to present this proposal to provide construction materials testing services at the subject project in Brazoria County. In preparation of this proposal, we have reviewed the provided plans, specifications and project bid tabs. The project will consist of the repair and/or reconstruction of approximately 8.25 miles of roadway within Brazoria County. The roads include CR 722, CR4, CR5, and CR 23. This proposal was prepared without the benefit of a construction schedule; however, we understand the contract time is about 7 months.

Ninyo & Moore's Houston laboratory is supervised by registered civil engineers and meets the requirements of the ASTM E329, ASTM C1077, and ASTM D3740. Ninyo & Moore's testing equipment is calibrated annually by representatives utilizing equipment traceable to the National Institute of Standards and Technology, and regularly participates in Cement and Concrete Reference Laboratory (CCRL) and AASHTO's Material Reference Laboratory (AMRL) reference testing. In addition, we are accredited by the American Association for Laboratory Accreditation (A2LA) Certificate No. 3204.01 for Construction Materials and No. 3204.02 for Geotechnical. A complete list of the tests on our scope of accreditation can be found at the A2LA website (www.a2la.org).

*For contract purposes, our legal name will remain "Ninyo & Moore Geotechnical & Environmental Sciences Consultants."

SOCOTEC

2313 West Sam Houston Parkway North, Suite 119, Houston, Texas 77043 | Tel.: 713-973-8400
www.socotec.us

SCOPE OF SERVICES

- Attend preconstruction and site meetings, as requested.
- Perform field observation and proofroll testing of subgrade.
- Perform field gradations and depth checks for treated paving subgrades.
- Perform field observation and in-place density testing for paving subgrade and base.
- Perform asphalt sampling/testing.
- Perform laboratory testing of soil materials such as Moisture-Density Relationships (Proctor), Atterberg Limits (PI), and 200 Wash.
- Perform laboratory testing of asphalt samples.
- Consultation and project management.

ESTIMATED FEE

We propose to provide our services on a time-and-materials basis accrued in accordance with the attached cost estimate. We estimate the fee for our services to be approximately \$144,200. Our estimated fee does not include overtime, weekend work, stand-by time or costs associated with retesting or re-inspecting materials that were found not to be in compliance with the project plans or specifications. Any additional services requested and not part of the cost estimate will be charged in accordance with our attached Schedule of Fees. A breakdown of our fee is presented in the attached Table 1.

To authorize our services, please provide a Professional Services Agreement. We look forward to working with you.

Respectfully submitted,
NINYO & MOORE



Joe Keys
Project Manager

JHK/JTS/tah



Jay Sunderwala, PE
Managing Principal Engineer

Attachments: Tables 1 – Breakdown of Estimated Fee
Schedule of Fees

Table 1 - Breakdown of Estimated Fee

Earthwork

Engineering Technician

Paving Subgrade 110 days @ 8 hours/day @ \$ 60.00 /hour \$ 52,800.00

Vehicle Usage Charge 880 hours @ \$ 15.00 /hour \$ 13,200.00

Nuclear Density Gauge 880 hours @ \$ 15.00 /hour \$ 13,200.00

Laboratory Testing

Standard Proctor Density Treated Soils, D 698 10 samples @ \$ 255.00 /sample \$ 2,550.00

Subtotal \$ 81,750.00

Asphalt Testing

Engineering Technician 25 days @ 8 hours/day @ \$ 60.00 /hour \$ 12,000.00

Vehicle Usage Charge 200 hours @ \$ 15.00 /hour \$ 3,000.00

Nuclear Density Gauge 200 hours @ \$ 15.00 /hour \$ 3,000.00

Laboratory Testing

Extraction/Gradation 25 samples @ \$ 230.00 /sample \$ 5,750.00

Maximum Theoretical Specific Gravity 25 samples @ \$ 105.00 /sample \$ 2,625.00

Molding Specimens 25 sets @ \$ 75.00 /set \$ 1,875.00

Bulk Density Lab Molded Samples 25 sets @ \$ 65.00 /set \$ 1,625.00

HVEEM Stability 25 sets @ \$ 110.00 /set \$ 2,750.00

Bulk Density Asphalt Cores 88 samples @ \$ 60.00 /sample \$ 5,280.00

Asphalt Cores 88 samples @ \$ 105.00 /sample \$ 9,240.00

Measuring Thickness of Asphalt 88 samples @ \$ 25.00 /sample \$ 2,200.00

Subtotal \$ 49,345.00

Engineering Review, Consultation and Data Processing

Principal Engineer 12 hours @ \$ 180.00 /hour \$ 2,160.00

Project Manager 92 hours @ \$ 105.00 /hour \$ 9,660.00

Data Processor 24 hours @ \$ 55.00 /hour \$ 1,320.00

Subtotal \$ 13,140.00

TOTAL ESTIMATED FEE

\$ 144,235.00

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	\$ 180
Senior Engineer/Geologist/Environmental Scientist	\$ 150
Senior Project Engineer/Geologist/Environmental Scientist	\$ 140
Project Engineer/Geologist/Environmental Scientist	\$ 130
Senior Staff Engineer/Geologist/Environmental Scientist	\$ 115
Staff Engineer/Geologist/Environmental Scientist	\$ 110
GIS Analyst	\$ 85
Technical Illustrator/CAD Operator	\$ 55

Field Staff

Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	\$ 140
Nondestructive Examination Technician (UT, MT, LP)	\$ 120
Certified Asbestos/Lead Technician	\$ 120
Field Operations Manager	\$ 105
Supervisory Technician	\$ 75
Senior Technician	\$ 65
Technician	\$ 60

Administrative Staff

Geotechnical/Environmental/Laboratory Assistant	\$ 55
Information Specialist	\$ 55
Data Processor	\$ 55

Other Charges

Concrete Coring Equipment (includes technician)	\$ 190/hr
Anchor Load Test Equipment (includes technician)	\$ 190/hr
GPR Equipment	\$ 180/hr
Inclinometer	\$ 100/hr
Hand Auger Equipment	\$ 80/hr
Rebar Locator (Pachometer)	\$ 50/hr
Vapor Emission Kit	\$ 75/kit
Equipment Charge	\$ 15/hr
X-Ray Fluorescence	\$ 70/hr
PID/FID	\$ 50/hr
Air Sampling Pump	\$ 25/hr
Field Vehicle	\$ 15/hr
Expert Witness Testimony	\$ 400/hr
Direct Expenses	Cost plus 15%
Special equipment charges will be provided upon request.	

Notes

For field and laboratory technicians and special inspectors, overtime rates at 1.5 times the regular rates will be charged for work performed in excess of 8 hours in one day Monday through Friday, evening hours, and all day on Saturday and Sunday. Rates at twice the regular rates will be charged for all work in excess of 12 hours in one day and on holidays.

Field technician and special inspection hours are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours.

Invoices are payable upon receipt. A service charge of 1.5 percent per month may be charged on accounts not paid within 30 days.

The terms and conditions are included in Ninyo & Moore's Work Authorization and Agreement form.

Schedule of Fees for Laboratory Testing

SOILS

Atterberg Limits, D 4318	\$ 70
California Bearing Ratio (CBR), D 1883, per point	\$ 240
One Dimensional Consolidation, D 2435	\$ 450
Consolidation Additional Increments, D 2435	\$ 60
Hydrometer Analysis, D 422	\$ 145
Double Hydrometer Analysis, D 4221	\$ 250
Moisture Content, D 2216	\$ 10
Moisture and Density, D 2937	\$ 55
Permeability, D 2434	\$ 300
Specific Gravity, D 854	\$ 65
Standard Proctor Density, D 698	\$ 230
Modified Proctor Density, D 1557	\$ 250
(Rock corrections add \$70)	
Sieve Analysis, D 422	\$ 65
Sieve Analysis, 200 Wash, D 1140	\$ 60
Swell Test, D 4546	\$ 350
Triaxial Shear, U.U., D 2850 per point	\$ 75
Unconfined Compression, D 2166	\$ 50
Pinhole Dispersion Test, D 4647	\$ 320
Crumb Test Dispersion Test, D 4647	\$ 45
Lime Determination, PI Method	\$ 275
Lime Determination, pH Method, D 62765	\$ 265
Compressive Strength Cement Stabilized Sand, D 1633	\$ 80
Standard Proctor Density Treated Soils, D 698	\$ 255
Modified Proctor Density Treated Soils, D 1557	\$ 270

MASONRY

Brick Absorption, 24-hour submersion, C 67	\$ 85
Brick Absorption, 5-hour boiling, C 67	\$ 85
Brick Absorption, 7-day, C 67	\$ 85
Brick Compression Test, C 67	\$ 50
Brick Moisture as received, C 67	\$ 50
Brick Measurement, C 67	\$ 65
CMU Block Compression Test, 8x8x16, C 140	\$ 150
CMU Block Unit Weight and Absorption, C 140	\$ 100
CMU Block Moisture Content, C 140	\$ 95
CMU Block Measurement, C 140	\$ 35
Compressive Strength, Grout prism, C 1019, each	\$ 55
Compressive Strength, Mortar Cube, C 109, each	\$ 30

CONCRETE

Compression Strength, C 39	\$ 20
Flexural Test, C 78 or C 293	\$ 30
Splitting Tensile Strength, C 496	\$ 125
Time of Setting of Cement by Vicat Needle, C 191	\$ 250
Concrete Laboratory Mix Verification, Excluding cylinders	\$ 500
Concrete Coring, Measurement, and Compressive Strength	\$ 250
Concrete Core Compressive Strength, Includes Prep, C 42	\$ 90
Concrete Core Measurement, C 174	\$ 30
Concrete Coring Minimum Charge	\$ 600
Concrete Coring – 4" Diameter to 6-inch depth	\$ 120
Concrete Coring Additional Thickness 6" to 12" depth	\$ 11/in
Concrete Coring Additional Thickness over 12" depth	\$ 15/in
Compressive Strength Lt. Wt. Insulating Concrete, C 495	\$ 30
Unit Weight of Lt. Wt. Insulating Concrete, C 495	\$ 25

FIREPROOFING

Density of SFRM, E 605	\$ 45
Cohesion/Adhesion of SFRM, E 736	\$ 35

ASPHALT

Asphalt Mix Design Review, Job Spec	\$ 500
Asphalt Mix Design, 5 points	\$ 2500
Extraction, % Asphalt, including Gradation, Tex 210F	\$ 230
Hveem Stability, Tex 208F	\$110/set
Bulk Density Lab Molded Samples, Tex 207F	\$ 65/set
Bulk Density Core, Tex 207F	\$ 60
Molding Specimens, Tex 206F	\$ 75/set
Measurement of Asphalt Cores	\$ 25
Asphalt Coring Minimum Charge	\$ 600
Asphalt Coring – 4" Diameter to 6-inch depth	\$ 105
Concrete Coring Additional Thickness over 6" depth	\$ 10/in
Maximum Theoretical Unit Weight, Tex 227F	\$ 105

AGGREGATES

Clay Lumps and Friable Particles, C 142	\$ 65
Los Angeles Abrasion, C 131 or C 535	\$ 240
Organic Impurities, C 40	\$ 55
Sieve Analysis, Coarse Aggregate, C 136	\$ 75
Sieve Analysis, Fine Aggregate, C 136	\$ 75
Decantation, C 117	\$ 55
Specific Gravity, Coarse, C 127	\$ 120
Specific Gravity, Fine, C 128	\$ 135

Special preparation of standard test specimens will be charged at the technician's hourly rate.
Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.

EXHIBIT “B”
INSURANCE REQUIREMENTS

1. Workers Compensation in accordance with the laws of the State of Texas. Substitutes to genuine Workers’ Compensation Insurance will not be allowed.
2. Employers’ Liability insurance with limits of not less than \$1,000,000 per injury by accident, \$1,000,000 per injury by disease, and \$1,000,000 per bodily injury by disease.
3. Commercial general liability insurance with a limit of not less than \$1,000,000 each occurrence and \$2,000,000 in the annual aggregate. Policy shall cover liability for bodily injury, personal injury, and property damage and products/completed operations arising out of the business operations of the policyholder.
4. Business Automobile Liability coverage applying to owned, non-owned and hired automobiles with limits not less than \$1,000,000 each occurrence combined single limit for Bodily Injury and Property Damage combined.
5. Professional Liability insurance with limits not less than \$1,000,000 each claim/annual aggregate.

EXHIBIT “C”
COMPLIANCE WITH LAWS

The Consultant agrees to abide by any and all applicable Federal and state laws. The following list of Federal laws is illustrative of the type of requirements generally applicable to transportation projects. It is not intended to be exhaustive. The Consultant shall require that its contractors and subcontractors comply with applicable laws:

- i. The Americans With Disabilities Act of 1990 and implementing regulations (42 U.S.C. §§ 12101 et seq.; 28 C.F.R. § 35; 29 C.F.R. § 1630);
- ii. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. §§ 2000d et seq.) and United States Department of Transportation regulation, 49 C.F.R. Part 21;
- iii. The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended (42 U.S.C. §§ 4601 et seq.), with the understanding that the requirements of said Act are not applicable with respect to utility relocations except with respect to acquisitions by the Borrower of easements or other real property rights for the relocated facilities;
- iv. Equal employment opportunity requirements under Executive Order 11246 dated September 24, 1965 (30 F.R. 12319), any Executive Order amending such order, and implementing regulations (29 C.F.R. §§ 1625-27, 1630; 28 C.F.R. § 35; 41 C.F.R. § 60; and 49 C.F.R. § 27);
- v. Restrictions governing the use of Federal appropriated funds for lobbying (31 U.S.C. § 1352; 49 C.F.R. § 20);
- vi. The Clean Air Act, as amended (42 U.S.C. §§ 1857 et seq., as amended by Pub. L. 91-604);
- vii. The National Environmental Policy Act of 1969 (42 U.S.C. §§ 4321 et seq.);
- viii. The Federal Water Pollution Control Act, as amended (33 U.S.C. §§ 1251 et seq., as amended by Pub. L. 92-500);
- ix. The Endangered Species Act, 16 U.S.C. § 1531, et seq.
- x. 23 U.S.C. § 138 [49 U.S.C. § 303]
- xi. The health and safety requirements set forth in 23 C.F.R. § 635.108;
- xii. The prevailing wage requirements set forth in 42 U.S.C. § 276a, 23 U.S.C. § 113, as supplemented by 29 C.F.R. Part 5, 23 C.F.R. §§ 635.117(f), 635.118 and FHWA Form 1273 §§ IV and V for those contracts that involve construction of highway improvements;
- xiii. The Buy America requirements set forth in Section 165 of the Surface Transportation Assistance Act of 1982 and implementing regulations (23 C.F.R. § 635.410);
- xiv. The requirements of 23 U.S.C. §§ 101 et seq. and 23 C.F.R.; and

- xv. The applicable requirements of 49 C.F.R. Part 26 relating to the Disadvantaged Business Enterprise program.

AGREED TO AND ACKNOWLEDGED THIS *[date]* _____

**GFT Infrastructure Inc.,
a Pennsylvania company**

By: _____

Tanya Fox Lindquist

Vice President

Date: _____

EXHIBIT “D”
CERTIFICATE OF INTERESTED PARTIES

Effective January 1, 2016, all contracts and contract amendments, extensions, or renewals executed by the Commissioners Court will require the completion of Form 1295 “Certificate of Interested Parties” pursuant to Government Code § 2252.908. Form 1295 must be completed by the Consultant and submitted with the partially executed Professional Services Agreement prior to final execution by Brazoria County. The Consultant shall update this document and resubmit it as needed for the duration of this contract.

The Texas Ethics Commission has posted a video which explains the process on how to submit Form 1295. The video link is available on the Brazoria County Purchasing website at <http://brazoriacountytexas.gov/departments/purchasing/doing-business>.

EXHIBIT “E”
CONFLICT OF INTEREST DISCLOSURE

Texas Local Government Code Chapter 176 requires that any vendor or person who enters or seeks to enter into a contract with a local governmental entity (including any agent of such person or vendor) disclose in the Questionnaire Form CIQ the vendor or person’s employment, affiliation, business relationship, family relationship or provision of gifts that might cause a conflict of interest with a local governmental entity. By law, this questionnaire must be completed and filed with the records administrator of Brazoria County no later than the seventh business day after the date the person engages or communicates with Brazoria County or becomes aware of facts that require the completion of the questionnaire pursuant to Texas Local Government Code Section 176.006.

A person commits an offense if the person knowingly violates Texas Local Government Code section 176.006. An offense under this section is a Class C misdemeanor.

A copy of House Bill 23 which amended the Texas Local Government Code Chapter 176 is available at: <http://www.capitol.state.tx.us/tlodocs/84R/billtext/html/HB00023F.HTM>.

Texas Local Government Code Chapter 176 can be found here:
<http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>.

By submitting a response to this request, the Consultant represents compliance with the requirements of Texas Local Government Code Chapter 176. If required, send completed forms to:

Brazoria County Courthouse
County Clerk’s Office
111 E. Locust Street, Suite 200
Angleton, TX 77515

EXHIBIT “F”
CONTRACT AMENDMENTS

INSERT ALL AMENDMENTS TO THIS CONTRACT AS EXHIBIT F-1, F-2, ETC.