

**STATE OF TEXAS** §  
§  
**COUNTY OF FORT BEND** §

## AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES

(Hunt Road, Seg. 3– Project No. 23117)

This Agreement for Professional Engineering Services ("Agreement") is made and entered into by and between Fort Bend County, Texas ("County"), a political subdivision of the state of Texas, and iGET Services, LLC ("Engineer"), a Texas corporation. County and Engineer may be referred to individually as a "Party" or collectively as the "Parties."

WHEREAS, Engineer is a professional engineering firm which provides design, consulting and engineering services in the Greater Houston Area; and

WHEREAS, County desires for Engineer to provide professional engineering design services for the construction of approximately 3,400 feet of Hunt Road at Pool Hill Road into 2-lane concrete half boulevard along with a sidewalk on the North side, curb, gutter, drainage system and all necessary appurtenances under Mobility Bond Project No. 23117; and

WHEREAS, Engineer represents that it is qualified and desires to perform such services for County; and

WHEREAS, pursuant to the requirements of Chapter 2254 of the Texas Government Code, County has determined that Engineer is the most highly qualified provider of such professional services and the Parties have negotiated a fair and reasonable price for the same; and

WHEREAS, this Agreement is not subject to competitive bidding requirements under Section 262.023 of the Texas Local Government Code because this Agreement is for professional engineering services and may not be competitively bid pursuant to Chapter 2254 of the Texas Government Code.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, the Parties do mutually agree as follows:

1. **Recitals.** The recitals set forth above are incorporated herein by reference and made a part of this Agreement.
2. **Scope of Services.** Engineer shall render services to County as provided in Engineer's Proposal dated October 28, 2024 attached hereto as "Exhibit A" and incorporated herein by reference (the "Services").
3. **Time for Performance.** Time for performance for the Services provided under this Agreement shall begin with Engineer's receipt of Notice to Proceed and shall end no later

than December 31, 2028. Engineer shall complete such tasks described in the Scope of Services, within this time or within such additional time as may be extended by County.

4. **Compensation and Payment Terms.**

Engineer's fees for the Services shall be calculated at the rate(s) set forth in Exhibit "A" attached hereto. The Maximum Compensation to Engineer for the Services performed under this Agreement is Seven Hundred Thirty-Seven Thousand Twenty and 78/100 Dollars (\$737,020.78). In no event shall the amount paid by County to Engineer under this Agreement exceed said Maximum Compensation without an approved change order.

- (a) Engineer understands and agrees that the Maximum Compensation stated is an all-inclusive amount and no additional fee, cost or reimbursed expense shall be added whatsoever to the fees stated in the attached Exhibit "A."
- (b) County will pay Engineer based on the following procedures: Upon completion of the tasks identified in the Scope of Services, Engineer shall submit to County staff person designated by the County Engineer, one (1) electronic (pdf) copy of the invoice showing the amounts due for services performed in a form acceptable to County. Engineer shall submit invoices no more frequently than on a monthly basis. County shall review such invoices and approve them within 30 calendar days with such modifications as are consistent with this Agreement and forward same to the Auditor for processing. County shall pay each such approved invoice within thirty (30) calendar days.
- (c) Accrual and payment of interest on any overdue payments assessed by Engineer, if any, shall be governed by Chapter 2251 of the Texas Government Code.
- (d) Engineer understands and agrees that County's obligation to make any payment(s) hereunder is dependent upon Engineer's completion of the Services in a timely, good, and professional manner and in accordance with the performance representations made in Section 25 of this Agreement. Therefore, County reserves the right to withhold payment pending verification of satisfactory work performed.

5. **Limit of Appropriation.** Engineer understands and agrees that the Maximum Compensation for the performance of the Services within the Scope of Services described in Section 2 above is Seven Hundred Thirty-Seven Thousand Twenty and 78/100 Dollars (\$737,020.78). In no event shall the amount paid by County under this Agreement exceed the Maximum Compensation without a County approved change order. Engineer clearly understands and agrees, such understanding and agreement being of the absolute essence of this Agreement, that County shall have available the total maximum sum of Seven Hundred Thirty-Seven Thousand Twenty and 78/100 Dollars (\$737,020.78) specifically allocated to fully discharge any and all liabilities County may incur under this

Agreement. Engineer does further understand and agree, said understanding and agreement also being of the absolute essence of this Agreement, that the total Maximum Compensation that Engineer may become entitled to and the total maximum sum that County may become liable to pay Engineer under this Agreement shall not under any conditions, circumstances, or interpretations thereof exceed Seven Hundred Thirty-Seven Thousand Twenty and 78/100 Dollars (\$737,020.78).

6. **Non-appropriation.** Engineer understands and agrees that in the event no funds or insufficient funds are appropriated by the County under this Agreement, County shall immediately notify Engineer in writing of such occurrence and the Agreement shall thereafter terminate and be null and void on the last day of the fiscal period for which appropriations were received or made without penalty, liability or expense to the County. In no event shall said termination of this Agreement or County's failure to appropriate said funds be deemed a breach or default of this Agreement or create a debt by County in any amount(s) in excess of those previously funded.
7. **Taxes.** Engineer understands and agrees that County is a governmental entity and political subdivision of the state of Texas, and as such, is exempt from payment of any sales and use taxes. County shall furnish evidence of its tax-exempt status upon written request by Engineer.
8. **Insurance.** Prior to commencement of the Services, Engineer 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. Engineer shall provide certified copies of insurance endorsements and/or policies if requested by County. Engineer 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. Engineer shall obtain such insurance written on an Occurrence form from such companies having Best's rating of A/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:
  - (a) Workers Compensation in accordance with the laws of the State of Texas. Substitutes to genuine Workers' Compensation Insurance will not be allowed.
  - (b) 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.
  - (c) 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.

- (d) 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.
- (e) Professional Liability insurance with limits not less than \$1,000,000.

County and members of the Fort Bend County Commissioners Court shall be named as additional insured to all required coverage except for Workers' Compensation and Professional Liability (if required). All Liability policies written on behalf of Engineer shall contain a waiver of subrogation in favor of County.

If required coverage is written on a claims-made basis, Engineer warrants that any retroactive date applicable to coverage under the policy precedes the Effective Date of this Agreement 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 the work under this Agreement is completed.

Engineer shall not commence any portion of the work under this Agreement until it has obtained the insurance required herein and certificates of such insurance have been filed with and approved by County.

No cancellation of or changes to the certificates, or the policies, may be made without thirty (30) days prior, written notification to County.

Approval of the insurance by County shall not relieve or decrease the liability of the Engineer.

9. **Indemnity. PURSUANT TO SECTION 271.904 OF THE TEXAS LOCAL GOVERNMENT CODE, ENGINEER SHALL INDEMNIFY AND HOLD HARMLESS COUNTY, ITS OFFICIALS, OFFICERS, AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, LOSSES, DAMAGES, CAUSES OF ACTION, SUITS, LIABILITY, AND COSTS, INCLUDING THE REIMBURSEMENT OF REASONABLE ATTORNEY FEES, ARISING OUT OF OR RESULTING FROM AN ACT OF NEGLIGENCE, INTENTIONAL TORT, INTELLECTUAL PROPERTY INFRINGEMENT, OR FAILURE TO PAY A SUBCONTRACTOR OR SUPPLIER COMMITTED BY ENGINEER OR ENGINEER'S AGENTS, EMPLOYEES, OR ANOTHER ENTITY OVER WHICH ENGINEER EXERCISES CONTROL. IN ADDITION, SHALL FURTHER PROCURE AND MAINTAIN LIABILITY INSURANCE WITH COVERAGE AS PROVIDED IN SECTION 8 OF THIS AGREEMENT.**

**ENGINEER SHALL TIMELY REPORT TO COUNTY ALL SUCH MATTERS ARISING UNDER THE INDEMNITY PROVISIONS ABOVE. UPON THE RECEIPT OF ANY CLAIM, DEMAND, SUIT,**

ACTION, PROCEEDING, LIEN, OR JUDGMENT, AND NO LATER THAN THE FIFTEENTH DAY OF EACH MONTH, ENGINEER SHALL PROVIDE COUNTY WITH A WRITTEN REPORT ON EACH MATTER, SETTING FORTH THE STATUS OF EACH MATTER, THE SCHEDULE OR PLANNED PROCEEDINGS WITH RESPECT TO EACH MATTER, AND THE COOPERATION OR ASSISTANCE, IF ANY, OF COUNTY REQUIRED BY ENGINEER IN THE DEFENSE OF EACH MATTER. IN THE EVENT OF ANY DISPUTE BETWEEN THE PARTIES AS TO WHETHER A CLAIM, DEMAND, SUIT, ACTION, PROCEEDING, LIEN, OR JUDGMENT APPEARS TO HAVE BEEN CAUSED BY OR APPEARS TO HAVE ARISEN OUT OF OR RESULTS FROM AN ACT OF NEGLIGENCE, INTENTIONAL TORT, INTELLECTUAL PROPERTY INFRINGEMENT, OR FAILURE TO PAY A SUBCONTRACTOR OR SUPPLIER COMMITTED BY ENGINEER, OR ITS AGENTS, EMPLOYEES, OR ANOTHER ENTITY OVER WHICH ENGINEER EXERCISES CONTROL, ENGINEER SHALL, NEVERTHELESS, FULLY DEFEND SUCH CLAIM, DEMAND, SUIT, ACTION, PROCEEDING, LIEN, OR JUDGMENT UNTIL AND UNLESS THERE IS A DETERMINATION BY A COURT OF COMPETENT JURISDICTION THAT SAID ACTS AND/OR OMISSIONS OF ENGINEER ARE NOT AT ISSUE IN THE MATTER.

THE INDEMNITY PROVISIONS OF THIS SECTION SHALL SURVIVE THE TERMINATION OF THIS AGREEMENT HOWEVER CAUSED, AND NO PAYMENT, PARTIAL PAYMENT, OR ISSUANCE OF CERTIFICATION OF COMPLETION OF THE SERVICES UNDER THIS AGREEMENT BY COUNTY, WHETHER IN WHOLE OR IN WHOLE OR IN PART, SHALL WAIVE OR RELEASE ANY OF THE PROVISIONS OF THIS SECTION.

10. **Public Information Act.** Engineer expressly acknowledges and agrees that County is a public entity and as such, is subject to the provisions of the Texas Public Information Act under Chapter 552 of the Texas Government Code. In no event shall County be liable to Engineer for release of information pursuant to Chapter 552 of the Texas Government Code or any other provision of law. Except to the extent required by law or as directed by the Texas Attorney General, County agrees to maintain the confidentiality of information provided by Engineer expressly marked as proprietary or confidential. County shall not be liable to Engineer for any disclosure of any proprietary or confidential information if such information is disclosed under Texas law or at the direction of the Texas Attorney General. Engineer further acknowledges and agrees that the terms and conditions of this Agreement are not proprietary or confidential information.
11. **Compliance with Laws.** Engineer shall comply with all federal, state, and local laws, statutes, ordinances, rules, regulations, and the decrees of any courts or administrative bodies or tribunals in any matter affecting the performance of this Agreement, including, without limitation, Worker's Compensation laws, minimum and maximum salary and wage statutes and regulations, licensing laws and regulations. Engineer, in providing all services hereunder, further agrees to abide by the provisions of any applicable Federal or State Data Privacy Act.
12. **Independent Contractor.** In the performance of work or services hereunder, Engineer shall be deemed an independent Contractor, and any of its agents, employees, officers,

or volunteers performing work required hereunder shall be deemed solely as employees of Engineer. Engineer and its agents, employees, officers, or volunteers shall not, by performing work pursuant to this Agreement, be deemed to be employees, agents, or servants of County and shall not be entitled to any of the privileges or benefits of County employment.

13. **Use of Customer Name.** Engineer may use County's name without County's prior written consent only in Engineer's customer lists. Any other use of County's name by Engineer must have the prior written consent of County.
14. **County/County Data.** Nothing in this Agreement shall be construed to waive the requirements of Section 205.009 of the Texas Local Government Code.
15. **Personnel.** Engineer represents that it presently has or is able to obtain adequate qualified personnel in its employment for the timely performance of the Services required under this Agreement and that Engineer shall furnish and maintain, at its own expense, adequate and sufficient personnel, in the opinion of County, to perform the Services when and as required and without delays.

All employees of Engineer shall have such knowledge and experience as will enable them to perform the duties assigned to them. Any employee or agent of Engineer who, in County's opinion, is incompetent or by his conduct becomes detrimental to providing Services pursuant to this Agreement, shall, upon request of County, immediately be removed from association with the Services required under this Agreement.

When performing Services on-site at County's facilities, Engineer shall comply with, and will require that all Engineer's Personnel comply with, all applicable rules, regulations and known policies of County that are communicated to Engineer in writing, including security procedures concerning systems and data and remote access thereto, building security procedures, including the restriction of access by County to certain areas of its premises or systems for security reasons, and general health and safety practices and procedures.

16. **Confidential and Proprietary Information.** Engineer acknowledges that it and its employees or agents may, in the course of performing their responsibilities under this Agreement, be exposed to or acquire information that is confidential to County. Any and all information of any form obtained by Engineer or its employees or agents from County in the performance of this Agreement shall be deemed to be confidential information of County ("Confidential Information"). Any reports or other documents or items (including software) that result from the use of the Confidential Information by Engineer shall be treated with respect to confidentiality in the same manner as the Confidential Information. Confidential Information shall be deemed not to include information that (a) is or becomes (other than by disclosure by Engineer) publicly known or is contained in a publicly available document; (b) is rightfully in Engineer's possession without the obligation of nondisclosure prior to the time of its disclosure under this Agreement; or (c)

is independently developed by employees or agents of Engineer who can be shown to have had no access to the Confidential Information.

Engineer agrees to hold Confidential Information in strict confidence, using at least the same degree of care that Engineer uses in maintaining the confidentiality of its own confidential information, and not to copy, reproduce, sell, assign, license, market, transfer or otherwise dispose of, give, or disclose Confidential Information to third parties or use Confidential Information for any purposes whatsoever other than the provision of Services to County hereunder, and to advise each of its employees and agents of their obligations to keep Confidential Information confidential. Engineer shall use its best efforts to assist County in identifying and preventing any unauthorized use or disclosure of any Confidential Information. Without limitation of the foregoing, Engineer shall advise County immediately in the event Engineer learns or has reason to believe that any person who has had access to Confidential Information has violated or intends to violate the terms of this Agreement and Engineer will at its expense cooperate with County in seeking injunctive or other equitable relief in the name of County or Engineer against any such person. Engineer agrees that, except as directed by County, Engineer will not at any time during or after the term of this Agreement disclose, directly or indirectly, any Confidential Information to any person, and that upon termination of this Agreement or at County's request, Engineer will promptly turn over to County all documents, papers, and other matters in Engineer's possession which embody Confidential Information.

Engineer acknowledges that a breach of this Section, including disclosure of any Confidential Information, or disclosure of other information that, at law or in equity, ought to remain confidential, will give rise to irreparable injury to County that is inadequately compensable in damages. Accordingly, County may seek and obtain injunctive relief against the breach or threatened breach of the foregoing undertakings, in addition to any other legal remedies that may be available. Engineer acknowledges and agrees that the covenants contained herein are necessary for the protection of the legitimate business interest of County and are reasonable in scope and content.

Engineer in providing all services hereunder agrees to abide by the provisions of any applicable Federal or State Data Privacy Act.

17. **Ownership and Reuse of Documents.** All work product and data produced or developed under this Agreement by Engineer including any documents, data, notes, reports, research, graphic presentation materials, and any other related material (collectively, "Materials"), shall at all times be the property of County. County, at all times, shall have a right of access to the Materials. Engineer shall promptly furnish and deliver all such Materials to County on request. Notwithstanding the foregoing, Engineer shall bear no liability or responsibility for Materials that have been modified post-delivery to County or used by County for a purpose other than that for which they were prepared under this Agreement.

18. **Inspection of Books and Records.** Engineer shall permit County, or any duly authorized agent of County, to inspect and examine the books, records, information, and documentation (collectively, "Records") of Engineer which relate to the Services provided under this Agreement for the purposes of making audits, examinations, excerpts, copies, and transcriptions. Engineer shall maintain all such Records in a readily available state and location, reasonably accessible to County or their authorized representatives. County's right to inspect such books and records shall survive the termination of this Agreement for a period of four (4) years, or until any litigation concerning any of the Services has been satisfactorily resolved, whichever occurs later. **ENGINEER SHALL NOT DESTROY OR DISCARD ANY RECORDS REASONABLY RELATED TO THIS AGREEMENT OR THE SERVICES, UNLESS THE TIME PERIOD FOR MAINTAINING THE SAME HAS EXPIRED.**
19. **Termination.**
- (a) Without Cause. County, in its sole discretion, and without prejudice to any other remedy to which it may be entitled to at law or in equity, may terminate this Agreement, in whole or in part, without cause, upon thirty (30) days prior written notice to Engineer.
- (b) With Cause. County, in its sole discretion, and without prejudice to any other remedy to which it may be entitled to at law or in equity, may terminate this Agreement, in whole or in part, with cause, for any of the following reasons, each of which shall constitute a material breach and "Default" of the Agreement:
- (1) Engineer fails to perform any portion of the Scope of Services within the timeframe(s) provided under this Agreement.
  - (2) Engineer fails to comply with County's documentation and reporting requirements, terms and requirements of this Agreement, or applicable federal, state, or local laws and regulations.
  - (3) Non-performance and suspension of the Agreement by Engineer that exceeds thirty (30) calendar days due to Force Majeure.
  - (4) Engineer fails to perform any obligation under this Agreement or as required by law, ordinance, or regulation and such failure creates an imminent threat to the public health and/or safety.
  - (5) Engineer otherwise materially breaches any of the covenants or terms and conditions set forth in this Agreement or fails to perform any of the other provisions of this Agreement or so fails to make progress as to endanger performance of this Agreement in accordance with its terms.



- (6) County shall notify Engineer in writing of the alleged Default in reasonable detail ("Notice"). Upon receipt of said Notice, Engineer shall have opportunity to cure such Default within the time specified in the Notice by County. If Engineer fails to cure such Default within such time, and to the reasonable satisfaction of County, then County may elect to terminate this Agreement for cause.
  - (7) If, after termination of the Agreement by County for cause, it is determined for any reason whatsoever that Engineer was not in Default, or that the Default was excusable, the rights and obligations of the Parties hereunder shall be the same as if the termination had been issued by County without cause in accordance with this Agreement.
  - (c) Upon termination of this Agreement for any reason, Engineer shall cease all work and activity for the Services by the date specified by County and shall not incur any new obligations or perform any additional services for the work performed hereunder beyond the specified date. County shall compensate Engineer in accordance with Section 4, above, for such work provided by Engineer under this Agreement prior to its termination and which has not been previously presented for payment by Engineer to County.
  - (d) If County terminates this Agreement as provided in this Section, no fees of any type, other than fees due and payable at the termination date, shall thereafter be paid to Engineer.
20. **Force Majeure.** In the event either Party is rendered unable, wholly or in part, by Force Majeure to carry out any of its obligations under this Agreement, then, within a reasonable time after the occurrence of such event, but no later than ten (10) calendar days after, the Party whose obligations are so affected (the "Affected Party") thereby shall notify the other in writing stating the nature of the event and the anticipated duration. The Affected Party's obligations under this Agreement shall be suspended during the continuance of any delay or inability caused by the event, but for no longer period. The Affected Party shall further endeavor to remove or overcome such delay or inability as soon as is reasonably possible.

For purposes of this Agreement, Force Majeure includes, but is not limited to: acts of God, strikes, lockouts, or other industrial disturbances, acts of the public enemy, orders of any kind of the government of the United States of America or the State of Texas or any civil or military authority other than a Party to this Agreement, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, hurricanes, severe storms, floods, washouts, drought, arrests, restraint of government and people, civil disturbances, explosions, breakage or accidents to machinery, pipelines or canals, and any other

inabilities of any Party, similar to those enumerated, which are not within the control of the Party claiming such inability, which such Party could not have avoided by the reasonable exercise of due diligence and care.

21. **Assignment.** Engineer shall not assign this Agreement to another party without the prior written consent of County.
22. **Successors and Assigns Bound.** County and Engineer each bind themselves and their successors and assigns to the other Party and to the successors and assigns of such other Party, with respect to all covenants of this Agreement.
23. **Publicity.** Contact with citizens of Fort Bend County, media outlets, or other governmental agencies shall be the sole responsibility of County. Under no circumstances, whatsoever, shall Engineer release any material or information developed or received during the performance of Services hereunder unless Engineer obtains the express written approval of County or is required to do so by law.
24. **Notice.** Any and all notices required or permitted under this Agreement shall be in writing and shall be mailed by certified mail, return receipt requested, or personally delivered to the following addresses:

**If to County:** Fort Bend County Engineering  
Attn: County Engineer  
301 Jackson Street, 4<sup>th</sup> Floor  
Richmond, Texas 77469

**And**

Fort Bend County, Texas  
Attn: County Judge  
401 Jackson Street, 1<sup>st</sup> Floor  
Richmond, Texas 77469

**If to Engineer:** **iGET Services, LLC**  
Attn: Dr. Satya Pilla, P.E.  
14307 Golf View Trail  
Houston, TX 77059

Within five (5) business days of the Effective Date of this Agreement, each Party to this Agreement shall designate in writing to the other Party one person and one alternate person to be that Party's designated spokesperson for communications between the Parties.

25. **Standard of Care.** Pursuant to Section 271.904 of the Texas Local Government Code, Engineer represents to County that Engineer has the skill and knowledge ordinarily possessed by well-informed members of its trade or profession (“Professionals”) practicing in the greater Houston metropolitan area. Engineer shall provide the Services to County with the same professional skill and care ordinarily provided by such Professionals under the same or similar circumstances and professional license and as expeditiously as is prudent considering the ordinary professional skill and care of a competent Professional.
26. **Travel Policy.** Mutually approved travel and mileage expenses incurred in the performance of the Services hereunder will be reimbursed to Engineer only to the extent that those costs do not exceed Fort Bend County travel reimbursement allowances. A copy of County’s Travel Policy with those reimbursement limits shall be provided to Engineer upon request.
27. **Arbitration, Litigation Waiver, and Attorney Fees.** County does not agree to submit disputes arising out of this Agreement to binding arbitration nor does County agree to pay any and/or all attorney fees incurred by Engineer in any way associated with this Agreement. Therefore, any references in Engineer’s Proposal to binding arbitration, waiver of a right to litigate a dispute, or payment of attorney fees are hereby deleted.
28. **No Waiver of Jury Trial.** County does not agree that all disputes (including any claims or counterclaims) arising from or related to this Agreement shall be resolved without a jury. Therefore, any references in Engineer’s Proposal to County’s waiver of jury trial are hereby deleted.
29. **Limitations.** Limitations for the right to bring an action, regardless of form, shall be governed by the applicable laws of the State of Texas, and any provisions to the contrary in Engineer’s Proposal are hereby deleted.
30. **Indemnification by County. ENGINEER UNDERSTANDS AND AGREES THAT UNDER THE TEXAS CONSTITUTION AND THE LAWS OF THE STATE OF TEXAS, COUNTY CANNOT ENTER INTO AN AGREEMENT WHEREBY COUNTY AGREES TO INDEMNIFY OR HOLD HARMLESS ANOTHER PARTY. THEREFORE, ANY AND ALL REFERENCES IN ENGINEER’S PROPOSAL TO COUNTY DEFENDING, INDEMNIFYING, OR HOLDING OR SAVING HARMLESS ENGINEER OR ANY OTHER PARTY, FOR ANY REASON WHATSOEVER, ARE HEREBY DELETED.**
31. **Entire Agreement and Modification.** This Agreement constitutes the entire Agreement between the Parties and supersedes all previous agreements, written or oral, pertaining to the subject matter of this Agreement. Any amendment to this Agreement must be in writing and signed by each Party to come into full force and effect. **IT IS ACKNOWLEDGED BY ENGINEER THAT NO OFFICER, AGENT, EMPLOYEE, OR**

**REPRESENTATIVE OF COUNTY HAS ANY AUTHORITY TO CHANGE THE TERMS OF THIS AGREEMENT OR ANY ATTACHED EXHIBITS HERETO UNLESS EXPRESSLY AUTHORIZED BY THE FORT BEND COUNTY COMMISSIONERS COURT.**

32. **Conflict.** In the event there is a conflict among the terms of this document entitled “Agreement for Professional Engineering Services” and the terms of Engineer’s Proposal or any other exhibit attached hereto, the terms of this document shall prevail with regard to the conflict.
33. **Understanding Fair Construction.** By execution of this Agreement, the Parties acknowledge that they have read and understood each provision, term, and obligation contained herein. This Agreement, although drawn by one party, shall be construed fairly and reasonably and not more strictly against the drafting Party than the non-drafting Party.
34. **Severability.** In case 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 hereof and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.
35. **No Waiver of Immunity.** Neither the execution of this Agreement nor any other conduct of either Party relating to this Agreement shall be considered a waiver or surrender by County of its governmental powers or immunity under the Texas Constitution or the laws of the state of Texas.
36. **Applicable Law and Venue.** This Agreement shall be construed according to the laws of the state of Texas. Venue for any claim arising out of or relating to the subject matter of this Agreement shall lie in a court of competent jurisdiction of Fort Bend County, Texas.
37. **Certain State Law Requirements for Contracts.** The contents of this Section are required by Texas law and are included by County regardless of content For purposes of Sections 2252.152, 2271.002, and 2274.002, Texas Government Code, as amended, Engineer hereby verifies that Engineer and any parent company, wholly owned subsidiary, majority-owned subsidiary, and affiliate:
- (a) Unless affirmatively declared by the United States government to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization, Engineer is not identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 806.051, 807.051, or 2252.153 of the Texas Government Code.
  - (b) If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Engineer does not boycott Israel and is authorized to

agree in such contracts not to boycott Israel during the term of such contracts. "Boycott Israel" has the meaning provided in § 808.001 of the Texas Government Code.

- (c) If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Engineer does not boycott energy companies and is authorized to agree in such contracts not to boycott energy companies during the term of such contracts. "Boycott energy company" has the meaning provided in § 809.001 of the Texas Government Code.
  - (d) If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Engineer does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and is authorized to agree in such contracts not to discriminate against a firearm entity or firearm trade association during the term of such contracts. "Discriminate against a firearm entity or firearm trade association" has the meaning provided in § 2274.001(3) of the Texas Government Code. "Firearm entity" and "firearm trade association" have the meanings provided in § 2274.001(6) and (7) of the Texas Government Code.
38. **Human Trafficking.** BY ACCEPTANCE OF THIS AGREEMENT, ENGINEER ACKNOWLEDGES THAT FORT BEND COUNTY IS OPPOSED TO HUMAN TRAFFICKING AND THAT NO COUNTY FUNDS WILL BE USED IN SUPPORT OF SERVICES OR ACTIVITIES THAT VIOLATE HUMAN TRAFFICKING LAWS.
39. **Captions.** The section captions used in this Agreement are for convenience of reference only and do not affect the interpretation or construction of the Agreement.
40. **Electronic and Digital Signatures.** The Parties to this Agreement agree that any electronic and/or digital signatures of the Parties included in this Agreement are intended to authenticate this writing and shall have the same force and effect as the use of manual signatures.
41. **Certification.** By his or her signature below, each signatory individual certifies that he or she is the properly authorized person or officer of the applicable Party hereto and has the requisite authority necessary to execute this Agreement on behalf of such Party, and each Party hereby certifies to the other that it has obtained the appropriate approvals or authorizations from its governing body as required by law.

IN WITNESS WHEREOF, and intending to be legally bound, County and Engineer hereto have executed this Agreement to be effective on the date signed by the last Party hereto.

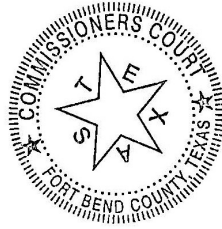
**FORT BEND COUNTY, TEXAS**

KP George  
KP George, County Judge

March 25, 2025  
Date

**ATTEST:**

Laura Richard  
Laura Richard, County Clerk



**iGET SERVICES, LLC**

S. Pilla  
Authorized Agent – Signature

Dr. Satya Pilla, P.E., PMP, ENV SP  
Authorized Agent- Printed Name

Principal  
Title

03-03-2025  
Date

**APPROVED:**

J. Stacy Slawinski  
J. Stacy Slawinski, County Engineer

**AUDITOR'S CERTIFICATE**

I hereby certify that funds in the amount of \$ 737,020.78 are available to pay the obligation of Fort Bend County, Texas within the foregoing Agreement.

Robert Ed Sturdivant  
Robert Ed Sturdivant, County Auditor

i:\agreements\2025 agreements\engineering\iget services llc (25-eng-100521)\agmt for professional engineering services - iget.docx - knm

# EXHIBIT A

(Engineer's Proposal Follows Behind)



Ref: iGET-2432101

October 28, 2024

Mr. Stacy Slawinski, P.E.  
County Engineer, Fort Bend County  
301 Jackson  
Richmond, TX 77469  
281-633-7506

Attn: Mr. Lee Shelton, P.E., KCI Technologies, Inc.

RE: FBC Pct1 23117 – Hunt Rd (Seg 3) Approx. 3,400 Lft of concrete half-boulevard with storm sewer and sidewalk.

Dear Mr. Slawinski,

iGET Services LLC is pleased to present this proposal to the Program Manager KCI, Fort Bend County (FBC), for performing Engineering Services for the above referenced project. The scope, deliverables, schedule, and engineering fee presented in this proposal are based on our understanding from the information provided via emails from Mr. Lee Shelton, P.E. from KCI, and our subsequent discussions.

Based on our conversations with the Program Manager KCI, and our initial assessment of the record field conditions at the project location, it is our understanding that iGET is to provide preliminary engineering, and final design phase engineering services to develop construction documents for 3,400 LF of 2-lane concrete half-boulevard including curb & gutter, and a sidewalk to the North side of the pavement. Bid Phase services are included in this proposal, however, Construction Phase services are not in scope. iGET is to perform comprehensive drainage analysis per Atlas-14 flows, prepare drainage maps, provide a drainage report with no-impact hydraulic assessment, perform design of the drainage system by using storm sewer trunks and laterals, and sizing inlets, manholes as needed. Detention pond will be required for this project. iGET is to address utility relocations, and manage ROE as needed.

The proposed Hunt Rd. (Seg 3) corridor is about 3,400 LF long, and the project consists of realigning the half boulevard with support systems to a new location. The roadway design includes replacement of existing pavement, design of storm sewer and drainage system with all necessary appurtenances, relocation of water and sanitary sewers as needed, and providing sidewalk on the North side of the half boulevard. The proposed design for the Hunt Rd (Seg 3) corridor will require interface coordination with the following: (1) with the design consultant for the Pool Hill Rd for the drainage, and roadway alignments at the T-Junction; and (2) with TXDOT for the





drainage and roadway alignment at the bridge on the East-end of the proposed roadway. The bridge design is not in iGET's scope for this project.

The roadway design process will be a collaborative effort between the Design Consultant (iGET), the Program Manager (KCI) and County staff (FBCE). Based on this understanding we propose to provide the basic services as outlined in the scope of services shown in **EXHIBIT A**. Cost estimate for this project is given as **Exhibit B**, and the Schedule is given as **Exhibit C**.

Please let me know if you have any questions or need clarifications. I will be pleased to answer.

Sincerely,

A handwritten signature in blue ink, appearing to read "S. Pilla".

**Dr. Satya Pilla, P.E., PMP, ENV SP**

Principal

iGET Services LLC

## EXHIBIT A

### **Scope of Work to be provided by iGET Services LLC**

#### **GENERAL DESCRIPTION**

It is our understanding that iGET's scope of work is to provide Preliminary Engineering, Final Design Phase Engineering Services to develop construction documents for the 3,400 LF of 2-lane concrete half-boulevard including curb & gutter, and a sidewalk on the North side of the pavement. Scope of Work for this proposal includes Bid Phase Services, however, Construction Phase Services are not included in the Scope. iGET is to perform comprehensive drainage analysis per Atlas-14 flows, prepare drainage maps, provide a drainage report with no-impact hydraulic assessments, perform design of the drainage system by using storm sewer trunks and laterals, and sizing inlets, manholes as needed. Detention pond will be required for this project. iGET is to address utility relocations, and manage ROE as needed.

The proposed Hunt Rd. (Seg 3) consists of realigning the half boulevard with support systems to a new location. The roadway design includes replacement of existing pavement, design of storm sewer and drainage system with all necessary appurtenances, relocation of water and sanitary sewers as needed, and providing sidewalk on the North side of the half boulevard. The West end of the project will realign Hunt Road to smooth out the existing curve in the roadway.

The proposed Hunt Rd (Seg 3) corridor will have one T-Junction at Pool Hill Rd, and one bridge at the East-end of the proposed roadway, which requires coordination with TXDOT. The bridge design is not in iGET's scope for this project.

#### **GENERAL REQUIREMENTS**

##### **Design Criteria**

1. The Engineer shall prepare all work in accordance with the latest version of the Fort Bend County (FBC) Engineering Design Manual, March 2022 Edition, and applicable FBC design standards and details. When design criteria are not identified in FBC manuals, the Engineer shall refer to the American Association of Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets (latest edition), TMUTCD and municipal and/or ETJ design criteria.
2. Produce roadway plans including typical-sections, specifications and estimates (PS&E) and prepare construction bid documents.
3. All designs for the above work will be in accordance with standards for FBC Engineering Design Manual, March 2022 edition.
4. The project will have the acquisition of new right-of-way (ROW).

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with storm sewer and sidewalk.

5. Drainage system design will follow the drainage studies using Atlas 14 criteria and will conform to the FBC Drainage District Drainage Criteria Manual, Revised 2011, and FBC – Interim Atlas 14 Drainage Criteria Manual and minimum Slab Elevation Criteria. December 2019.
6. Submit 30% plans during the preliminary design phase, as well as 70%, and 95% PS&E packages for review by the Program Manager KCI, and FBC Engineering. The final 100% set will incorporate any revisions from the Program Manager KCI and FBC comments on the 95% set.
7. The scope of the Hunt Rd Segment 3 will include the intersection of Hunt Rd at Pool Hill. The Pool Hill Rd will tie-in to the South side of the Hunt Rd at the Intersection.
8. Provide project planning and control to include quality management
9. Provide an accurate, complete and constructible set of contract documents.
10. FBC will have the ultimate authority for determining what constitutes an accurate, complete and constructible set of contract documents.

## 100 - PROJECT COORDINATION/ MANAGEMENT

iGET shall be responsible for directing and coordinating all activities associated with the project and to deliver the work on time

### 110 - Project Coordination

- Provide general coordination with the Project team members concerning administrative and technical issues. Report and coordinate with the Program Manager KCI, on any design issues and requests for information.
- Internal administration of the project files. At the completion of the work, the project files will be shipped to the Program Manager KCI, as requested.
- Provide coordination with adjacent project design engineers of Hunt Rd Seg 2, Pool Hill Rd Seg 1, and TXDOT, as needed.

### 120 - Invoicing/Progress Reports

- Prepare and submit monthly progress reports and invoices to the Program Manager KCI for review and approval. The invoices will include the progress report and invoice. The progress report will list outstanding issues that need resolution, as well as progress of the tasks and estimated completion dates for the work.

### 130 - Project Scheduling

FBC Pct1 23117 – Hunt Rd (Seg 3) 3,650 Lft of concrete half boulevard with storm sewer and sidewalk.

- Prepare an overall project design schedule detailing the progression of the work. This schedule will include review dates by the Program Manager KCI, submittal dates for deliverables, and estimated time frame to complete the work. The schedule will be updated monthly and included in the progress report. Changes or adjustments in the schedule caused by delays due to unforeseen task difficulties or lengthy review times will be shown and reported to the Program Manager KCI.

#### 140 - Progress Meetings

- Attend coordination and interim progress review meetings every month or as necessary, to be scheduled on an as-needed basis. Prepare and distribute meeting minutes within five working days after the meeting.

### **200 - PRELIMINARY DESIGN**

The primary goals are to (1) establish a typical cross section and cross sections in non-standard areas, (2) determine drainage system needs per Atlas 14 flows (drainage report and/or preliminary roadway drainage design), (3) positively determine right-of-way (ROW), (4) determine potential conflicts with existing facilities, (5) identify critical path items, (6) identify problem areas and potential resolution(s), (7) determine permit and regulatory requirements, and (8) prepare a reasonable construction cost estimate. Normally, a "30 percent" plan set will be prepared, consisting of all existing features (seen and unseen) shown in plan and profile, and proposed improvements in plan only with minor annotation. iGET will prepare a Preliminary Design Memo (PDM) and 30% design submittal as described below.

#### 210 - Collect Existing Data

- Gather and review as-built drawings for Hunt Rd (Seg 3) and adjacent areas and roadways.
- Collect and review as-built drawings for water lines, sanitary sewers, storm sewers, channels, ditches, drainage systems, detention basins, and other related systems in the project area.
- Collect and review drainage studies, master drainage plans, and similar related drainage, floodplain, or storm water management plans in the project area.
- Collect and review property boundaries, jurisdictional boundaries, and ROW boundary information.
- Collect and review existing traffic data, studies and plans pertaining to the project area.

#### 212 - Geotechnical (See attached proposal from Terracon for a detailed description)

FBC Pct1 23117 – Hunt Rd (Seg 3) 3,650 Lft of concrete half boulevard  
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**The budget will be included for an additional service to provide Geotechnical services.  
The budget shall include the following:**

- Soil borings, analysis, and recommendations for pavement subgrade design, storm sewer/culvert bedding, trench safety, and detention pond design recommendations performed in accordance with typical FBC procedures.
- Prepare a Geotechnical Investigation Report to include boring logs, verification of FBCE standard pavement design and bedding recommendations for the anticipated structures.

214 - Surveying (see attached proposal from CivilCorp for a detailed description)

Specific survey limits for Hunt Road, Segment 3 area are as follows:

Beginning 1,800 feet West of Pool Hill Road and proceeding East along Hunt Road, then diverting to the proposed right-of-way, and then joining back with existing Hunt Road to 4,800 feet West of FM 359 a distance of 3,650 feet. The Intersections shall be tied a distance of 300 feet in each direction for a total approximate length of 4,550 linear feet

1. Existing Right of Way Mapping

- a. Project abstracting: without the benefit of a title company, obtain deeds of records and plats relating to Hunt Road, adjoining tracts, and intersecting roadways.
- b. Establish the existing right-of-way of the Hunt Road and intersecting roadways.
- c. Prepare existing right-of-way map of the project, meeting TSPS Category 2 Route survey in PDF format.
- d. Prepare Survey Control Sheets to be delivered in PDF format
- e. Prepare .kml or .shp files as needed for GIS submission of the existing right-of way.

2. Topographic Surveying for Hunt Road

- a. Establish horizontal and vertical control (baseline and Temporary Benchmark) at intervals not to exceed 1,000 feet. Survey shall coordinate with adjoining project surveyors and design consultants to confirm a single datum is utilized for control.

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with storm sewer and sidewalk.

- b. Surveyor shall prepare right of entry agreements to allow for field work outside of the right-of-way, short of litigation. Letters will be sent via regular mail or certified mail to landowners as listed by the Fort Bend County Central Appraisal District.
  - c. Cross sections shall be taken at 100-foot intervals and extend 20 feet beyond the proposed right-of-way line where accessible. The topographic survey is to include edge of pavements, driveways, signs, mailboxes, traffic signals, sidewalks, pavement markings, etc. Structures in clear view and within 100 feet of the existing right-of-way should be surveyed. Crossing drainage channels will be profiled and cross sectioned up and down stream. Existing underground utilities will be collected as marked by other as well as visible surface features. Overhead utilities will be indicated. Gravity sanitary and storm sewers will be located as to top of manholes and inlets, flow line elevations, type, size, and direction of pipes. Water lines will be located by tops of valves, fire hydrants (flush valves) and visible surface features.
  - d. Existing bridge structure shall be tied to include abutments, rip rap, bent locations, low chord, columns, and bridge deck. Hydraulic Cross sections shall be taken at 100' intervals to a distance of 500' both up and downstream of the bridge structure.
  - e. Surveyor shall perform a Texas 811 One Call for the project limits. All public utility, private utility and pipeline providers will be contacted via the current utility coordination process and all on-site utility markings and other information provided to CivilCorp by these utility and pipeline providers will be collected by standard survey methods and incorporated into the topographic survey base map.
  - f. Surveyor shall prepare a TSPS Category 6, Condition 2 Topographic Survey delivered in PDF format.
  - g. A 2D and 3D survey base map including a digital terrain model or surface will be created and delivered utilizing Microstation Open Roads Designer, release 10.12 or other agreed to version.
3. Subsurface Utility Engineering (Quality Level B) Utility/Pipeline Investigations
- a. The Surveyor will conform to the requirements set forth in the manuals titled, "CI/ASCE 38-22, Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data," established by the American Society of Civil Engineers (ASCE). The Survey shall perform such investigations, research, and other activities necessary to identify any potential utility/pipeline conflicts within the project, including but not limited to: Locating and identifying all existing utilities/pipelines including casings and vent pipes within the existing and proposed rights-of-way, including obtaining information from utility owners record drawings and site reconnaissance, as well as shooting elevations marked or uncovered by others, and providing Subsurface Utility Engineering Quality Level

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B effort to locate all subsurface utilities within the existing and proposed project limits.

- b. SUE Surveyor will undertake research to obtain the most current available record information concerning the location of underground utilities within the project limits.
- c. SUE Surveyor will perform a review of the data collected and correlate the record information by utility type and location. CivilCorp will create digital copies of plans provided in hard-copy format and provide them.
- d. SUE Surveyor will prepare an updated plan that will depict the results and findings of the SUE Investigation. The SUE investigative tasks will be QA/QC ed by the operations and/or project manager.

#### 4. Additional Services

- a. Prepare TSPS Category 1A, Condition 3 Land Title Survey- Prepare survey drawing and metes and bounds description in accordance with Fort Bend county Guidelines for property acquisition and add parcels to the existing right- of-way maps.

#### 220 - Conduct Field Reconnaissance

1. Perform site visits to observe and photograph existing conditions.
2. Observe existing utilities.
3. Observe existing drainage facilities.
4. Observe existing traffic, signage, and signal facilities.
5. Observe existing vegetation and landscaping features.

#### 230 - Utility Coordination

1. Utilities will be researched and located in the field to determine the existence and location of underground utilities (pipelines, duct banks, etc.). iGET shall identify and coordinate with all utility owners for relocations required. Any subsurface utility investigation (SUI) should be at the expense of the utility company. Utility company signatures will not be required on completed drawings.
2. Perform records research and field visits to determine the presence of underground or overhead private or public utilities. Collect as-built plans and/or maps from all utilities having facilities within the project limits.

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with storm sewer and sidewalk.

3. Send records requests to utility companies and obtain I.D. numbers (CenterPoint and AT&T)
4. Coordinate with the Program Manager KCI, FBC, and adjacent MUDs during the identification of utility conflicts.
5. Depict utilities to a reasonable degree of accuracy on the plan and profile drawings.
6. Prepare a conflict table during the Preliminary Design phase to highlight conflicts between existing utilities and proposed improvements, to be updated during the Final Design phase as required.
7. Develop designs to avoid and/or minimize conflicts with existing and proposed utilities.
8. Send roadway design plans to all utility owners. Coordinate relocations or adjustments with utility owners.

#### 240 - Traffic Studies

1. the Program Manager KCI, and FBC will provide current and future traffic information and any previously completed Traffic Studies applicable to the project area.
2. Utilize existing traffic data and define any required future improvements at the intersections and provide an ultimate intersection design.

#### 250 - Hydrological or Hydraulic Studies

1. Determine drainage areas associated with the project area.
2. Determine outfall depths and locations for all project related drainage areas.
3. Determine peak flow rates generated by design storms for each drainage area using Atlas 14 criteria.
4. Size storm water conveyances to handle peak flows and to result in water surface elevations that conform to applicable criteria.
5. The design and construction of all drainage systems within FBC shall comply with the established standard principles and practices given in the FBC Drainage District Drainage Criteria Manual, Revised 2011, and FBC – Interim Atlas 14 Drainage Criteria Manual and minimum Slab Elevation Criteria. December 2019.
6. Review existing data and calculate the detention required, propose a mitigation solution and identify any ROW required. This review will be coordinated with the Program Manager KCI, FBC, adjacent Municipal Utility Districts (MUDs), and the Levee Improvement District.

#### 260 – Low Impact Development Design



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1. The project does not involve Low Impact Design

270 - Review and Identify Right-of-Way Requirements

1. The project is to be designed partially within the existing ROW, and also in the new ROW where the proposed Hunt Rd (Seg3) alignment will be relocated.
2. Evaluate proposed roadway design alignments and identify the right of way requirements for the intersecting crossroad.
3. Identify any design elements (sight triangles, traffic signal corner clips, additional turn bays, etc.) that may require additional ROW.

280 - 30% Design Drawings

1. Provide 30% submittals for the design, including drainage design, for interim progress reviews by the Program Manager KCI and FBC.
2. Prepare and submit a set of 30% design drawing on 11"x17" plan sheets for review by the Program Manager KCI and FBC. The 30% design plans will include the following design sheets:
  - a. Draft Cover Sheet
  - b. Typical Sections
  - c. Plan & Profile Sheets
  - d. Intersection Layouts
  - e. Drainage Area Maps
  - f. Drainage Design Layout
  - g. Existing Utility Layout
  - h. Bride layout will be attached, if available from TXDOT at the time of submittal.

290 - Preliminary Engineering Report (PER)

1. Prepare and submit a draft letter report (3 copies) entitled Preliminary Engineering Report (PER) which will
  - a. Briefly summarize existing conditions in narrative and photographic format
  - b. Identify key design issues and how they should be addressed
  - c. Identify utility conflicts

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- d. Identify critical path items
  - e. Identify proposed access, detour, and traffic control approaches to support construction activities
  - f. Recommend appropriate construction phasing
  - g. Recommend appropriate pavement type and cross section
  - h. Recommend any required structures or cross culverts
  - i. Recommend location and number of left turn lanes and median cuts
  - j. Recommend signalization, if warranted
  - k. Incorporate a Drainage Report that summarizes Hydrological and Hydraulic investigations and recommends appropriate drainage system design elements including detention requirements
  - l. Incorporate a Geotechnical Report
  - m. Identify ROW needs
  - n. Prepare an engineer's construction cost estimate.
2. Present PER
3. Prepare and submit a final PER based on FBC written comments.

### **300 - FINAL DESIGN PHASE**

Provide detailed construction plans, specifications, final design calculations and estimates as necessary for the design of half-boulevard, along with the sidewalk and storm sewers, for the proposed Hunt Rd (Seg3) based on the scope of work provided above and the results of the Preliminary Engineering Phase defined in the PDM and approved by the Program Manager KCI and FBC. Typical items during this phase include the following:

#### **310 - Utility Coordination**

1. Continue to provide utility coordination to address any potential conflicts on the project including the development of designs to avoid and/or minimize conflicts with existing and proposed utilities
2. Submit milestone-level drawings to applicable utility companies for their review.
3. If conflict exists with a waterline or Sanitary Sewer, iGET is to prepare design plans unless otherwise coordinated with MUD

#### **320 - Roadway**

1. Prepare the roadway design and develop the final drawings. The following tasks describe the work to be performed:
  - Conduct field trips to the project site to investigate and confirm data and assumptions and assess general conditions as needed
  - Geometric Design - using previously approved plans provided, define the horizontal and vertical alignments and typical sections to meet project requirements.
  - Prepare plan and profile sheets for roadway to a scale of 1"=40' horizontal and 1"=4' vertical on 11"x17" format sheets.
  - Bridge layout (by others) will be provided for reference only, with the roadway alignment.

#### **330 - Drainage**

1. Conduct field trips to the project site to investigate and confirm data and assumptions and assess general drainage conditions as needed.
2. Prepare drainage area maps for proposed improvements within the project limits to be included in the project plan set.
3. The drainage calculations should be prepared to provide for the ultimate four-lane boulevard section. At a minimum the drainage items to be provided shall include the drainage area maps showing the final drainage areas and inlet and storm sewer calculations for revised storm sewer flow elements. All drainage designs shall be

FBC Pct1 23117 – Hunt Rd (Seg 3) 3,650 Lft of concrete half boulevard  
with storm sewer and sidewalk.

prepared to conform to existing hydraulic studies identified in the Preliminary Engineering Phase.

4. Design and analyze the storm sewer system (including the existing system) utilizing the WINSTORM or similar program, or equivalent spreadsheet analysis and incorporate calculations output to the project plan set
5. Drainage system design will be completed depicting locations of inlets, manholes, storm sewers, culverts, utilities, channel improvements, and ditch locations with flow lines as required. This design will be incorporated into the Roadway Plan and Profile sheets to a scale of 1"=40' horizontal and 1"=4' vertical on 11"x17" format sheets. Profiles will show conveyance size and type, slope, existing and proposed grade lines, pertinent hydraulic information, and locations and sizes of inlets and junctions.

#### 340 - Storm Water Pollution Prevention Plans (SW3P)

iGET shall develop SW3P, on separate sheets consistent with the project construction phases, to minimize sediment discharge from the project site through runoff to receiving waterways.

1. Prepare an erosion control plan at a 1" = 100' scale or as directed by FBC. The plan will identify the SW3P components that will mitigate the impacts of construction activities. An Erosion Control Plan will be prepared in compliance with FBC regulations and in accordance with the current Texas Commission on Environmental Quality (TCEQ), TPDES General Permit for storm water discharges associated with construction activities.

#### 350 - Construction Sequencing and Traffic Control

1. Prepare traffic control plans and details. The traffic control work consists of preparation of Traffic Control Plans (TCP), specifications and general notes, and cost estimate for the various traffic control measures.
2. The Engineer shall prepare a TCP with proposed phasing of construction at a scale of 1" = 100' or as directed by FBC. The plan shall identify advanced warning signs on approaches, work areas, temporary paving, temporary signing, detour alignment (approved by FBC), barricades, and other TCP related items. A narrative will be prepared and submitted to the County for review and incorporation into the plans.

#### 360 - Pavement Marking and Signing

1. Prepare Pavement Marking and Signing Plans for the project as necessary and defined in the PER, including modifications to existing signage and cross streets.

#### 372 - General Notes and Specifications

1. Coordinate and combine general notes and specifications applicable to the project design. Prepare final general notes documents and specification list in Microsoft

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Word format. Use Fort Bend County Design Manual, and Harris County Public Infrastructure Department Standard Engineering Design Specifications for Construction and Maintenance of Roads and Bridges dated 2012, unless instructed otherwise.

#### 374 - Miscellaneous Drawings and Tasks

1. Project Title Sheet-iGET shall prepare a title sheet to be used for the construction plans.
2. Index of Sheets-iGET will complete a detailed Index of Sheets that identifies each sheet location in the plan set, as well as its corresponding sheet number. The Index of Sheets will be updated throughout the submittal process to allow for easier reference during the review process.
3. Horizontal Data Sheet-iGET shall prepare Horizontal Data Sheets.
4. Coordinate the tasks for ROW acquisition as needed.

#### 382 - Quantity Take-offs and Quantity Summaries

1. Quantities for construction bid items will be calculated. The quantities will be summarized in tables and organized according to the bid item codes that will be used for construction. A quantity spreadsheet, organized by item per sheet and totaled for the item and the project, will be included with each submittal to the Program Manager KCI and FBC.

#### 384 - Construction Cost estimate

1. An estimate of the construction costs will be prepared based on plan quantities in standard Fort Bend County bid format at the 70%, 95%, and final submittal stages of the project. More detailed and refined quantities will be updated for each successive submittal. All estimates shall also be submitted in Microsoft Excel format.

#### 390 - Preparation and Submittal of PS&E

1. Provide submittals for the design, including drainage design, for interim progress reviews by the Program Manager KCI and FBC at the 70%, 95%, and final completion stage. Incorporate plan sheets and submittals prepared by any subconsultants for this project. All submittals will follow the FBC requirements for content.
2. Three (3) copies of the 70 percent submittal will be required for County review, and drawings can be submitted on 11"x17" sheets. A digital copy in Adobe Acrobat format (PDF) of the drawings, specifications and estimate will also be required.
3. The 70 percent submittal should include the following:

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with storm sewer and sidewalk.

- a. Cover sheet (Fort Bend County name and seal, project name with limits, vicinity and location maps, names of County Judge and Commissioners, signature line for County Engineer, design firm name and registration number)
  - b. Typical and non-standard cross sections (not-to-scale proposed sections with station limits for each section; show pavement/subgrade material and thickness, right-of-way and roadway width, applicable dimensions, profile grade line, and general location of existing and proposed utilities)
  - c. Overall project layout (scale as appropriate with sheet references left blank since they are subject to change in subsequent submittals)
  - d. Survey control map
  - e. Drainage area map with hydraulic calculations (display calculations clearly for future use by area developers)
  - f. Plan and profile sheets (1" = 20' plan scale but printed half-size for a 1" = 40' scale; all existing and proposed facilities correctly shown in plan and profile; separate drawings for roadway and storm sewer are not necessary; detailed callouts not required at 70%)
  - g. Traffic control plan (phasing and traffic control; avoid detours unless approved by the County; use of construction zone standards is encouraged)
  - h. Storm Water Pollution Prevention Plan (drawings and text; drawings may consist of a layout and details)
  - i. Bridge layout and details (if applicable)
  - j. Specification table of contents (use Fort Bend County Specifications)
  - k. Bid form with estimated unit and total costs (spreadsheet based)
4. Three (3) copies of the 95 percent submittal will be required for County review and can be submitted on 11' x 17" sheets. A digital copy in Adobe Acrobat format (PDF) of the drawings, specifications and estimate will also be required.
  5. The 95 percent submittal should be considered complete with 95% interim seal, and shall include all of the 70 percent requirements plus the following:
    - a. General notes sheet
    - b. Verify earthwork quantities with cross sections at 100-foot intervals (only non-standard sections should be included in plans)
    - c. Signage and pavement marking plans (signs may be shown on plan and profile sheets and use of pavement marking standards is encouraged)
    - d. Standard construction details
    - e. Project manual (bid form, specification table of contents, any special specifications or conditions; contract documents excluded)
    - f. Responses to 70 percent comments
  6. The 100 percent design submittal shall consist of one sealed and signed set of drawings delivered to the County, along with a PDF submittal of the drawings, specifications and estimate sent to the Project Manager. Final design efforts will be considered complete when the County has approved the documents as evidenced by the County Engineer's signature on the drawings.

FBC Pct1 23117 – Hunt Rd (Seg 3) 3,650 Lft of concrete half boulevard  
with storm sewer and sidewalk.

7. The final complete (Bid Ready) submittal shall include the electronic files of the Bid Ready set of drawings and specifications and Project Manual in Adobe Acrobat (pdf) format. The entire set of construction drawings will be single file in PDF format. Except for the cover sheet, which contains approval signature(s), all drawings may be printed directly to Adobe Acrobat format with electronic seal and signature. These electronic media will be delivered to the County Purchasing Agent for advertising, and also will be provided to the Program Manager. Printed documents are not required.

FBC Pct1 23117 – Hunt Rd (Seg 3) 3,650 Lft of concrete half boulevard  
with storm sewer and sidewalk.

#### **400 - BID PHASE**

##### **410 - Bid Phase Meetings**

1. Attend Pre-bid meeting as required, furnish revisions related to an addendum, if required.
2. The-Purchasing-Agent will forward bidder questions to the Design Consultant, Answers to the questions, as well as any other required changes, will be included in an addendum, prepared by the Design Consultant if necessary. The Purchasing Agent will distribute the addendum.
3. Bid Tabulation and recommendation of award will be performed by the Program Manager for FBC.

#### **500 - CONSTRUCTION PHASE**

Attend the Pre-Construction Meeting

Other Construction Phase Activities Not included in this proposal





"EXHIBIT B"

2023 Fort Bend County Mobility Bond Program  
ENGINEERING FEE SCHEDULE

PROJECT NAME: HUNT RD. SEGMENT 3.  
CONTRACT NUMBER: 23117  
PRIME PROVIDER NAME: iGET Services LLC

FEE SUMMARY									
iGET Services LLC									
TASK DESCRIPTION	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	EIT	SENIOR ENGINEER TECH	CADD TECHNICIAN	CLERICAL	TOTAL LABOR HRS. & COSTS
Raw Salary	\$ 80.00	\$ 65.00	\$ 58.33	\$ 50.00	\$ 40.00	\$ 36.67	\$ 30.00	\$ 25.00	
Raw Salary Multiplier (3.00)	\$ 240	\$ 195	\$ 175	\$ 150	\$ 120	\$ 110	\$ 90	\$ 75	
SUMMARY									TOTAL COSTS BY TASK
BASIC SERVICES - To be Provided by iGET Services LLC	Payment Basis								
100 - PROJECT COORDINATION/MANAGEMENT	Lump Sum								\$ 45,910.00
200 - PRELIMINARY ENGINEERING	Lump Sum								\$ 223,145.00
300 - DESIGN PHASE	Lump Sum								\$ 298,250.00
500 - CONTRACT -CONSTRUCTION PHASE	Time & Materials								\$ 9,310.00
ADDITIONAL SERVICES - To be Provided by Subconsultants									
212 - GEOTECHNICAL (Terracon - See attached Budget)	Lump Sum								\$ 58,975.00
214 SURVEY (Landtech - See attached Budget)	Lump Sum								\$ 101,430.78
GRAND TOTAL									\$ 737,020.78

SUMMARY	
BASIC SERVICES - iGET	\$ 576,615.00
ADDITIONAL SERVICES	\$ 160,405.78
GRAND TOTAL	\$ 737,020.78

Construction Cost  
\$ 6,762,000.00



"EXHIBIT B"

2023 Fort Bend County Mobility Bond Program  
ENGINEERING FEE SCHEDULE

PROJECT NAME: HUNT RD. SEGMENT 3.  
CONTRACT NUMBER: 23117  
PRIME PROVIDER NAME: iGET Services LLC

FEE SUMMARY									
iGET Services LLC									
TASK DESCRIPTION	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	EIT	SENIOR ENGINEER TECH	CADD TECHNICIAN	CLERICAL	TOTAL LABOR HRS. & COSTS
Raw Salary	\$ 80.00	\$ 65.00	\$ 58.33	\$ 50.00	\$ 40.00	\$ 36.67	\$ 30.00	\$ 25.00	
Raw Salary Multiplier (3.00)	\$ 240	\$ 195	\$ 175	\$ 150	\$ 120	\$ 110	\$ 90	\$ 75	
100-PROJECT COORDINATION/ MANAGEMENT									
110 - PROJECT COORDINATION	24	44		24					92
120 - INVOICES/PROJECT PROGRESS REPORTS	12	20						32	64
130 - PROJECT SCHEDULING	12	20							32
140 - PROGRESS MEETINGS	12	44							56
Project Management & Meetings									
HOURS SUBTOTALS	60	128		24				32	244
TOTAL LABOR COSTS	\$ 14,400.00	\$ 24,960.00		\$ 3,600.00				\$ 2,400.00	\$ 45,360.00
SUBTOTAL									\$ 45,360.00
DIRECT EXPENSES PROJECT COORDINATION									
MILEAGE f@ \$0.545 Der mile									\$ -
PHOTO COPIES (BW - 8 1/2" x 11"; @ \$0.10 per copy)			500	\$ 0.10					\$ 50.00
PHOTO COPIES (BW - 11" x 17"; @ \$0.20 per copy)			500	\$ 0.20					\$ 100.00
PHOTO COPIES (Color - 8 1/2" x 11"; @ \$0.70 per copy)			250	\$ 0.70					\$ 175.00
PHOTO COPIES (Color - 11" x 17"; @ \$1.50 per copy)			150	\$ 1.50					\$ 225.00
SUBTOTAL									\$ 550.00
100-PROJECT COORDINATION/MANAGEMENT SUBTOTAL									\$ 45,910.00
\$110.00									
TASK DESCRIPTION	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	EIT	SENIOR ENGINEER TECH	CADD TECHNICIAN	CLERICAL	TOTAL LABOR HRS. & COSTS
Raw Salary	\$ 76.67	\$ 66.67	\$ 60.00	\$ 50.00	\$ 40.00	\$ 36.67	\$ 25.00	\$ 24.67	
Raw Salary Multiplier (3.00)	\$ 230	\$ 200	\$ 180	\$ 150	\$ 120	\$ 110	\$ 75	\$ 74	
200 - PRELIMINARY ENGINEERING									
210 - COLLECT EXISTING DATA	8	48	8	58	24	10	0	12	168
Early Stakeholder Coordination	8	24		12					44
Obtain related data, plans, studies and reports				10	24	10		12	56
Review Data		12		24					36
Design Criteria		12	8	12					32
212 - GEOTECHNICAL (SEE ATTACHED SCOPE FROM TERRACON)									
Geotechnical Investigation (BY OTHERS)									\$ 58,975.00
214 - SURVEYING (SEE ATTACHED SCOPE FROM LANDTECH)									
Topographic Survey (BY OTHERS)									\$ 101,430.78
220 - CONDUCT FIELD RECONNAISSANCE	0	16	0	20	20	20	0	0	80
Site Visits to observe existing conditions - signage, utilities, apurtenances, etc. and identify Repair & Rehabilitation vs Replacements	4	16		20	20	20			80



"EXHIBIT B"

2023 Fort Bend County Mobility Bond Program  
ENGINEERING FEE SCHEDULE

PROJECT NAME: HUNT RD. SEGMENT 3.  
CONTRACT NUMBER: 23117  
PRIME PROVIDER NAME: iGET Services LLC

FEE SUMMARY

iGET Services LLC

TASK DESCRIPTION	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	EIT	SENIOR ENGINEER TECH	CADD TECHNICIAN	CLERICAL	TOTAL LABOR HRS. & COSTS
Raw Salary	\$ 80.00	\$ 65.00	\$ 58.33	\$ 50.00	\$ 40.00	\$ 36.67	\$ 30.00	\$ 25.00	
Raw Salary Multiplier (3.00)	\$ 240	\$ 195	\$ 175	\$ 150	\$ 120	\$ 110	\$ 90	\$ 75	
<b>230 - UTILITY COORDINATION</b>	4	32	0	44	56	0	26	8	170
Identify Existing Utilities and Owners		8		8	16				32
Determine Potential Conflicts and Relocations		8		12	16		6		42
Prepare Utility Conflict list at 30% submittal		4		8	12				24
Develop design to avoid/minimize existing and proposed Utilities		4		4			12		20
Coordination with Utility Owners		4		8	8		8	8	36
Review Survey	4	4		4	4				16
									0
<b>240 - TRAFFIC STUDIES</b>	0	4	4	0	8	0	16	0	32
Intersection LOS Analysis	0	0	0	0	0	0	0	0	0
Intersection Sight Triangle Analysis		4	4		8		16		32
<b>250 - HYDROLOGICAL OR HYDRAULIC STUDIES</b>	28	76	84	128	112	0	44	12	484
Develop Drainage Area maps		8	16	8	24		24		80
Evaluate Design Storm Flows and Outfall depths per Atlas 14 Criteria		8	8	20	12				48
Analyze and size conveyance system		8	8	20	20				56
Design of Detention Pond		8		24	24				56
Precinct and MUD Meetings /Coordination	12	24	24	16					76
Draft Memorandum	12	8	12	16	24		12	8	92
Final Memorandum	4	12	16	24	8		8	4	76
									0
<b>260 - LOW IMPACT DEVELOPMENT</b>	0	0	0	0	0	0	0	0	0
Perform Low Impact Development Designs	0	0	0	0	0	0	0	0	
<b>270 - REVIEW AND IDENTIFY RIGHT-OF-WAY REQUIREMENTS</b>	0	0	0	0	0	0	0	0	0
Determine ROW Acquisition Needs	0	0	0	0	0	0	0	0	



"EXHIBIT B"

2023 Fort Bend County Mobility Bond Program  
ENGINEERING FEE SCHEDULE

PROJECT NAME: HUNT RD. SEGMENT 3.  
CONTRACT NUMBER: 23117  
PRIME PROVIDER NAME: iGET Services LLC

FEE SUMMARY

iGET Services LLC

TASK DESCRIPTION	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	EIT	SENIOR ENGINEER TECH	CADD TECHNICIAN	CLERICAL	TOTAL LABOR HRS. & COSTS
Raw Salary	\$ 80.00	\$ 65.00	\$ 58.33	\$ 50.00	\$ 40.00	\$ 36.67	\$ 30.00	\$ 25.00	
Raw Salary Multiplier (3.00)	\$ 240	\$ 195	\$ 175	\$ 150	\$ 120	\$ 110	\$ 90	\$ 75	
<b>280 - 30% DESIGN DRAWINGS</b>	6	32	28	80	88	164	76	0	474
Establish a Typical Cross Section		4		12					16
Prepare 30% Plans									
Draft Cover Sheet		2		8	8	12			30
Draft Typical Sections		2		8	8	24			42
Plan & Profile Sheets		4		8	8				20
Intersection Layouts		2	12	8	8	24	32		86
Sidewalk Layouts		2	8	8	8	20	20		66
Drainage Area Maps		2		4	12	24			42
Drainage Design Layout	4	4	4	8	12	32			64
Existing Utilities Layout		4	4	8	8	16	24		64
Construction Cost Estimate	2	6		8	16	12			44
<b>290 • PRELIMINARY DESIGN MEMORANDUM (PER)</b>	16	24	18	36	48	0	0	24	166
Draft Memorandum	12	16	10	24	32			16	110
Final Memorandum	4	8	8	12	16			8	56
									52
HOURS SUB-TOTALS	62	232	142	366	356	194	162	56	1570
TOTAL LABOR COSTS	\$ 14,880.00	\$ 45,240.00	\$ 24,850.00	\$ 54,900.00	\$ 42,720.00	\$ 21,340.00	\$ 14,580.00	\$ 4,200.00	\$ 222,710.00
<b>SUBTOTAL</b>									<b>\$ 222,710.00</b>
<b>DIRECT EXPENSES</b>									
MILEAGE (@ \$0.545 per mile)									\$ -
PHOTO COPIES (BW - 8 1/2" x 11"; @ \$0.10 per copy)			500	\$0.10					\$50.00
PHOTO COPIES (BW - 11" x 17"; @ \$0.20 per copy)			500	\$0.20					\$100.00
PHOTO COPIES (Color - 8 1/2" x 11"; @ \$0.70 per copy)			50	\$0.70					\$35.00
PHOTO COPIES (Color - 11" x 17"; @ \$1.50 per copy)			100	\$1.50					\$150.00
DELIVERIES (@ \$20.00 per delivery)			5	\$20.00					\$100.00
<b>SUBTOTAL</b>									<b>\$435.00</b>
<b>200-PRELIMINARY ENGINEERING SUBTOTAL</b>									<b>\$223,145.00</b>

**"EXHIBIT B"****2023 Fort Bend County Mobility Bond Program  
ENGINEERING FEE SCHEDULE****PROJECT NAME: HUNT RD. SEGMENT 3.  
CONTRACT NUMBER: 23117  
PRIME PROVIDER NAME: iGET Services LLC****FEE SUMMARY****iGET Services LLC**

TASK DESCRIPTION	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	EIT	SENIOR ENG TECH	CADD TECHNICIAN	CLERICAL	TOTAL LABOR HRS. & COSTS
Raw Salary	\$ 80.00	\$ 65.00	\$ 58.33	\$ 50.00	\$ 40.00	\$ 36.67	\$ 30.00	\$ 25.00	
Raw Salary Multiplier (3.00)	\$ 240	\$ 195	\$ 175	\$ 150	\$ 120	\$ 110	\$ 90	\$ 75	
<b>300 - DESIGN PHASE</b>									
<b>310 - UTILITY COORDINATION</b>	2	12	0	24	34	0	32	12	116
Identification of utility conflicts		4		8	8		0		20
Revise utility conflict list at 70% and 95% submittal		4		8	16		0	12	40
Develop design to avoid/ minimize existing and proposed Utilities	2	4		8	10		32		56
									0
<b>320 - ROADWAY</b>	20	72	16	104	64	60	136	20	492
Review and refine approved Preliminary Roadway Design	4	8		16	4		8	8	48
Geometric Roadway Design, Sidewalk Layouts	4	12	8	16	8		24		72
Prepare Existing and Proposed Typical Sections (70%- Final)		8		8	12	16	32		76
Plan and Profile Sheets (Roadway) (70%- Final) (includes Drainage Design)	8	16	8	24	24	24	32		136
Cross Street / DWY Details		8		8		12	0		28
Roadway and Sidewalk Details	4	8		16		8	24	8	68
Design Cross Sections with earthwork calculations		12		16	16		16	4	64
<b>330 - DRAINAGE</b>	12	84	36	148	116	10	64	4	474
Agency Coordination	8	20	20	32	32		0		112
Field Visits/ Data Verification		8		12	12		0		32
Drainage Area Maps/Calculations		12	8	24	24		24	4	96
Drainage Design at Retaining Walls							0		0
Storm Sewer Design and Hydraulic Data Sheets		12		24	32		24		92
Detention Pond Design	4	12	8	24	16		0		64
Storm Sewer Plan and Profile design including laterals		12		24		10	0		46
Temporary Drainage Design		8		8			16		32
<b>340 - STORM WATER POLLUTION PREVENTION PLANS (SW3P)</b>	0	8	12	16	24	32	32	0	124
Investigate and Prepare SWPPP Report		4	8	8	16	16	0		52
Prepare SWPPP Plan Sheets (70% - Final)		4	4	8	8	16	32		72
<b>350 - CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL</b>	18	32	0	40	40	32	76	0	238
TCP Advance Warning Signs	4	8		8	12		24		56
TCP Overview & Narrative	4	8		8	12	8	12		52
Detour Plans (with County Approval Only)	2	8		8			8		26
Traffic Control Plan	8	8		16	16	24	32		104
<b>360 - PAVEMENT MARKING AND SIGNING</b>	4	12	8	16	24	0	40	0	104
Prepare Signing & Pavement Marking Sheets (70% - Final)	4	12	8	16	24	0	40		104
<b>372 - GENERAL NOTES &amp; SPECIFICATIONS</b>	8	20	0	28	24	24	8	0	112
Develop any Special Specifications for Bid Items	4	8		12	8		0		32
Prepare Standard Specifications for Bid Items	4	8		12	8	12	0		44
Prepare General Notes		4		4	8	12	8	0	36



"EXHIBIT B"

2023 Fort Bend County Mobility Bond Program  
ENGINEERING FEE SCHEDULE

PROJECT NAME: HUNT RD. SEGMENT 3.  
CONTRACT NUMBER: 23117  
PRIME PROVIDER NAME: iGET Services LLC

FEE SUMMARY

iGET Services LLC

TASK DESCRIPTION	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	EIT	SENIOR ENGINEER TECH	CADD TECHNICIAN	CLERICAL	TOTAL LABOR HRS. & COSTS
Raw Salary	\$ 80.00	\$ 65.00	\$ 58.33	\$ 50.00	\$ 40.00	\$ 36.67	\$ 30.00	\$ 25.00	
Raw Salary Multiplier (3.00)	\$ 240	\$ 195	\$ 175	\$ 150	\$ 120	\$ 110	\$ 90	\$ 75	
<b>374 - MISCELLANEOUS DRAWINGS/ TASKS</b>	6	20	0	28	40	40	64	0	198
Cover Sheet & Index	2	4		4	8	8	16		42
Intersection Detail Sheets	2	8		8		0	24		42
ROW Acquisition Coordination	2	4		8	16	8	24		62
Retaining Wall Sheets If Required						0			0
Prepare Standard Details Sheets		4		8	16	24			52
<b>382 - QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES</b>	4	8	0	8	16	16	0	0	52
Quantities (Summary Sheets - Optional) (70%, 95%, FINAL)	4	8	0	8	16	16			52
<b>384 - CONSTRUCTION COST ESTIMATES</b>	2	8	0	8	16	0	0	0	34
Construction Cost Estimate (0%, 95%, FINAL)	2	8	0	8	16	0			34
<b>390 - PREPARATION AND SUBMITTAL OF PS&amp;E</b>	14	48	0	32	56	32	88	0	270
<b>70% PS&amp;E SUBMITTALS</b>	4	12		16	24	16	32		104
Responses to Comments	2	12				0			14
<b>95% PS&amp;E SUBMITTALS</b>	4	8		8	24	8	32		84
Responses to Comments						0			0
<b>100% PS&amp;E SUBMITTALS</b>	4	8			8	8	24		52
Bid Form									0
Utility & Agency Approvals & Signatures		8		8					16
HOURS SUBTOTALS	90	324	72	452	454	246	540	36	2214
TOTAL LABOR COSTS	\$21,600.00	\$63,180.00	\$12,600.00	\$67,800.00	\$54,480.00	\$27,060.00	\$48,600.00	\$2,700.00	\$298,020.00
SUBTOTAL									\$298,020.00
<b>DIRECT EXPENSES</b>									
MILEAGE ( @ \$0.545 per mile)									\$ -
PHOTO COPIES (BW - 8 1/2" x 11"; @ \$0.10 per copy)			200	\$ 0.10					\$ 20.00
PHOTO COPIES (BW - 11" x 17"; @ \$0.20 per copy)			200	\$ 0.20					\$ 40.00
PHOTO COPIES (Color - 8 1/2" x 11"; @ \$0.70 per copy)			50	\$ 0.70					\$ 35.00
PHOTO COPIES (Color - 11" x 17"; @ \$1.50 per copy)			50	\$ 1.50					\$ 75.00
									\$ -
DELIVERIES (@ \$20.00 per delivery)			3	\$ 20.00					\$ 60.00
SUBTOTAL									\$ 230.00
<b>300-DESIGN PHASE SUBTOTAL</b>									<b>\$298,250.00</b>



"EXHIBIT B"

2020 Fort Bend County Mobility Bond Program  
ENGINEERING FEE SCHEDULE

PROJECT NAME: HUNT RD. SEGMENT 3.  
CONTRACT NUMBER: 23117  
PRIME PROVIDER NAME: iGET Services LLC

FEE SUMMARY

iGET Services LLC

TASK DESCRIPTION	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	EIT	SENIOR ENGINEER TECH	CADD TECHNICIAN	CLERICAL	TOTAL LABOR HRS. & COSTS
Raw Salary	\$ 80.00	\$ 65.00	\$ 58.33	\$ 50.00	\$ 40.00	\$ 36.67	\$ 30.00	\$ 25.00	
Raw Salary Multiplier (3.00)	\$ 240	\$ 195	\$ 175	\$ 150	\$ 120	\$ 110	\$ 90	\$ 75	
400-BID PHASE									
410 - BID PHASE	8	12	0	20	4	0	0	0	44
Project Manual & Plans (PDF Format on Compact Disc *28)	4			8	4				16
Attend Pre-Bid Meeting		4		4					8
Answer Bidder Questions & Addendum	4	8		8					20
500-CONSTRUCTION PHASE									
510 - PRE-CONSTRUCTION MEETING		4		4					8
Attend Pre-Construction Meeting		4		4					8
HOURS SUB-TOTALS FOR BID AND CONSTRUCTION PHASES	8	16	0	24	4	0	0	0	52
Utility & Agency Approvals & Signatures	\$1,920.00	\$3,120.00	\$0.00	\$3,600.00	\$480.00	\$0.00	\$0.00	\$0.00	\$9,120.00
SUBTOTAL									\$9,120.00
DIRECT EXPENSES									
MILEAGE (@ \$0.545 per mile)									\$ -
PHOTO COPIES (BW - 8 1/2" x 11"; @ \$0.10 per copy)			200	\$ 0.10					\$ 20.00
PHOTO COPIES (BW - 11" x 17"; @ \$0.20 per copy)			200	\$ 0.20					\$ 40.00
PHOTO COPIES (Color - 8 1/2" x 11"; @ \$0.70 per copy)			50	\$ 0.70					\$ 35.00
PHOTO COPIES (Color - 11" x 17"; @ \$1.50 per copy)			50	\$ 1.50					\$ 75.00
DELIVERIES (@ \$20.00 per delivery)			1	\$ 20.00					\$ 20.00
SUBTOTAL									\$ 190.00
500 - CONTRACT- CONSTRUCTION PHASE SUBTOTAL									\$9,310.00
SUBTOTAL BASIC SERVICES									



"EXHIBIT C"

2023 Fort Bend  
County Mobility Bond Program  
ENGINEERING DESIGN SCHEDULE

PROJECT NAME: HUNT RD. SEGMENT 3.  
CONTRACT NUMBER: 23117  
PRIME PROVIDER NAME: iGET Services LLC

Activity		Duration
Preliminary Engineering	Surveying, Geotechnical Investigation	45 days
	Preliminary Engineering (PER) (Begins after 30 days from the Start of Survey)	
	Geometric Design, Traffic, Drainage Design, Utilities Coordination	45 days
	Draft PER	15 days
	TOTAL	90 days
	PER Reviews and Approval by County and Coordination with TXDOT	45 days
Design Phase	Parcel Mapping (Concurrent with PER Reviews)	30 days
	Detailed Design Roadway Design, Sidewalk Design, Drainage & Detention Design, Utilities Conflict Resolutions, ROW Acquisition	90 days
	70% Construction Plans Submittal	30 Days
	Review and Approval	30 days
	Bid Ready 95% Submittal	30 days
	Review and Approval	30 days
	Final Plans 100% Approval	30 days
	Final Plans Review and Approval (County and TXDOT)	30 days
Bidding & Award Phase	Proposed	60 days
Construction Phase	Not Proposed	-
	TOTAL	375 days



July 22, 2024

iGET Services, LLC.

Attn: Dr. Satya Pilla, PE, PMP, ENV SP

**Re: Fee Proposal for Surveying Services – Hunt Road (Seg 3) from 1,800 feet West of Pool Hill Rd to 4,800 feet West of FM 359**  
**Project No. 23117**

CivilCorp, LLC is pleased to submit this fee proposal for surveying services for the above referenced project. Survey shall conform to Fort Bend County Engineering Design Manual, March 2022 edition.

## **I. SCOPE OF WORK**

### **Specific survey limits for Hunt Road, Segment 3 area are as follows:**

Beginning 1,800 feet West of Pool Hill Road and proceeding East along Hunt Road, then diverting to the proposed right-of-way, and then joining back with existing Hunt Road to 4,800 feet West of FM 359 a distance of 3,650 feet. The Intersections shall be tied a distance of 300 feet in each direction for a total approximate length of 4,550 linear feet

#### **1. Existing Right of Way Mapping**

- a. Project abstracting; without the benefit of a title company, obtain deeds of records and plats relating to Hunt Road, adjoining tracts, and intersecting roadways.
- b. Establish the existing right-of-way of the Hunt Road and intersecting roadways.
- c. Prepare existing right-of-way map of the project, meeting TSPS Category 2 Route survey in PDF format.
- d. Prepare Survey Control Sheets to be delivered in PDF format
- e. Prepare .kml or .shp files as needed for GIS submission of the existing right-of-way.

**ESTIMATED LUMP SUM FEE: \$28,182.70**

#### **2. Topographic Surveying for Hunt Road**

- a. Establish horizontal and vertical control (baseline and Temporary Bench Mark) at intervals not to exceed 1,000 feet. CivilCorp shall coordinate with adjoining project surveyors and design consultants to confirm a single datum is utilized for control.
- b. CivilCorp shall prepare right of entry agreements to allow for field work outside of the right-of-way, short of litigation. Letters will be sent via regular mail or certified mail to landowners as listed by the Fort Bend County Central Appraisal District.
- c. Cross sections shall be taken at 100 foot intervals and extend 20 feet beyond the proposed right-of-way line where accessible. The topographic survey is to include edge of pavements, driveways, signs, mailboxes, traffic signals,

sidewalks, pavement markings, etc. Structures in clear view and within 100 feet of the existing right-of-way should be surveyed. Crossing drainage channels will be profiled and cross sectioned up and down stream. Existing underground utilities will be collected as marked by other as well as visible surface features. Overhead utilities will be indicated. Gravity sanitary and storm sewers will be located as to top of manholes and inlets, flow line elevations, type, size, and direction of pipes. Water lines will be located by tops of valves, fire hydrants (flush valves) and visible surface features.

- d. Existing bridge structure shall be tied to include abutments, rip rap, bent locations, low chord, columns, and bridge deck. Hydraulic Cross sections shall be taken at 100' intervals to a distance of 500' both up and downstream of the bridge structure.
- e. CivilCorp shall perform a Texas 811 One Call for the project limits. All public utility, private utility and pipeline providers will be contacted via the current utility coordination process and all on-site utility markings and other information provided to CivilCorp by these utility and pipeline providers will be collected by standard survey methods and incorporated into the topographic survey base map.
- f. CivilCorp shall prepare a TSPS Category 6, Condition 2 Topographic Survey delivered in PDF format.
- g. A 2D and 3D survey base map including a digital terrain model or surface will be created and delivered utilizing Microstation Open Roads Designer, release 10.12 or other agreed to version.

**ESTIMATED LUMP SUM FEE: \$46,163.80**

### **3. Subsurface Utility Engineering (Quality Level B) Utility/Pipeline Investigations**

- a. The survey will conform to the requirements set forth in the manuals titled, "CI/ASCE 38-22, Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data," established by the American Society of Civil Engineers (ASCE). The Survey shall perform such investigations, research, and other activities necessary to identify any potential utility/pipeline conflicts within the project, including but not limited to: Locating and identifying all existing utilities/pipelines including casings and vent pipes within the existing and proposed rights-of-way, including obtaining information from utility owners record drawings and site reconnaissance, as well as shooting elevations marked or uncovered by others, and providing Subsurface Utility Engineering Quality Level B effort to locate all subsurface utilities within the existing and proposed project limits.
- b. CivilCorp will undertake research to obtain the most current available record information concerning the location of underground utilities within the project limits.
- c. CivilCorp will perform a review of the data collected and correlate the record information by utility type and location. CivilCorp will create digital copies of plans provided in hard-copy format and provide them.
- d. CivilCorp will prepare an updated plan that will depict the results and findings of the SUE Investigation. The SUE investigative tasks will be QA/QCed by the operations and/or project manager.

**ESTIMATED LUMP SUM FEE: \$7,263.48**

**4. Construction Services**

- a. Check and/or re-set project control referenced to the project baseline and stake the proposed right-of-way limits immediately prior to construction.

**ESTIMATED HOURLY (NOT TO EXCEED) FEE: \$8,136.80**

**5. Additional Services**

- a. Prepare TSPS Category 1A, Condition 3 Land Title Survey- Prepare survey drawing and metes and bounds description in accordance with Fort Bend county Guidelines for property acquisition and add parcels to the existing right-of-way maps.

**ESTIMATED FEE: \$2,336.80 per parcel  
(Approximately 5 Tracts= \$11,684.00)**

If you have any questions or require additional information, please don't hesitate to call me. We are looking forward to working with you on this project.

**CivilCorp, LLC**



Brandon Absher, RPLS  
Survey Manager

**iGET Services, LLC**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

# Fee Schedule Method of Payment: Lump Sum

Prime: iGET Services, LLC  
Project: FBC #23117 Hunt Road Segment 3 (1800' W of Pool Hill Rd to 4800' W of FM 359 Approx 3,650')  
Subprovider: CivilCorp, LLC. (Surveying Tasks)  
Method of Payment: Lump Sum

TASK DESCRIPTION	Support Manager	RPLS Project Manager	SENIOR SURVEY TECH	SURVEY TECH	2-PERSON SURVEY CREW	3-PERSON SURVEY CREW	GIS OPERATOR	ADMIN/CLERICAL	TOTAL LABOR HRS.	TOTAL TASK COSTS
									0	
Project Abstracting and boundary/ROW determination	1	8	16	21	28		4		78	\$ 11,823.00
Prepare Control Index Sheet	1	1	3	8					13	\$ 1,636.00
Prepare Horizontal and Vertical Control Sheets	1	1	3	8					13	\$ 1,636.00
Prepare Existing ROW map Cat 2in PDF format	5	13	30	40			6		94	\$ 12,414.00
									0	
									0	
HOURS SUB-TOTALS	8	23	52	77	28	0	10	0	198	\$27,509.00
CONTRACT RATE PER HOUR	\$238.00	\$212.00	\$126.00	\$101.00	\$190.00	\$225.00	\$108.00	\$96.50		
TOTAL LABOR COSTS	\$1,904.00	\$4,876.00	\$6,552.00	\$7,777.00	\$5,320.00	\$0.00	\$1,080.00	\$0.00		
% DISTRIBUTION OF STAFFING	4%	12%	26%	39%	14%	0%	5%	0%		
SUBTOTAL									\$27,509.00	

OTHER DIRECT EXPENSES	UNIT	MAXIMUM	QUANTITY	NOTES						COST
Mileage	Mile	\$ 0.670	110							\$ 73.70
GPS RTK Base	Hour	\$ 30.000	20							\$ 600.00
SUBTOTAL DIRECT EXPENSES										\$ 673.70

SUMMARY	
TOTAL LABOR COSTS	\$27,509.00
NON-SALARY (OTHER DIRECT EXPENSES)	\$673.70
TOTAL	\$28,182.70

# Fee Schedule Method of Payment: Lump Sum

Prime: iGET Services, LLC  
Project: FBC #23117 Hunt Road Segment 3 (1800' W of Pool Hill Rd to 4800' W of FM 359 Approx 3,650')  
Subprovider: CivilCorp, LLC. (Surveying Tasks)  
Method of Payment: Lump Sum

TASK DESCRIPTION	Support Manager	RPLS Project Manager	SENIOR SURVEY TECH	SURVEY TECH	2-PERSON SURVEY CREW	3-PERSON SURVEY CREW	GIS OPERATOR	ADMIN/CLERICAL	TOTAL LABOR HRS.	TOTAL TASK COSTS
									0	
Establish Project Control (5/8 IR W/Cap at 1000' interval)	1	3	4	4	5	10			27	\$ 4,982.00
Obtain Right of Entry (est 5 parcels)	1	3		1	2		4	5	16	\$ 2,269.50
Topographic Survey (up to 50' past existing ROW)	1	4	5	10	40	12			72	\$ 13,026.00
Tie Bridge and Hydraulic X sections to 500' upstream and downstream	1	4	5	8	15	18			51	\$ 9,424.00
Perform 811 One Call and Tie Marked and above ground utilities	1	2	1	2	10		5		21	\$ 3,430.00
Prepare 2D and 3D deliverables and Cat 6 Cond II topo map	1	9	17	22				2	51	\$ 6,703.00
Update Orthometric Photos (UAV)	1	1	3		12		5		22	\$ 3,648.00
									0	
									0	
HOURS SUB-TOTALS	7	26	35	47	84	40	14	7	260	\$43,482.50
CONTRACT RATE PER HOUR	\$238.00	\$212.00	\$126.00	\$101.00	\$190.00	\$225.00	\$108.00	\$96.50		
TOTAL LABOR COSTS	\$1,666.00	\$5,512.00	\$4,410.00	\$4,747.00	\$15,960.00	\$9,000.00	\$1,512.00	\$675.50		
% DISTRIBUTION OF STAFFING	3%	10%	13%	18%	32%	15%	5%	3%		
SUBTOTAL									\$43,482.50	

OTHER DIRECT EXPENSES	UNIT		QUANTITY	NOTES						COST
		MAXIMUM								
Mileage	Mile	\$ 0.670	390							\$ 261.30
GPS RTK Base	Hour	\$ 30.000	80							\$ 2,400.00
SUBTOTAL DIRECT EXPENSES										\$ 2,661.30

SUMMARY	
TOTAL LABOR COSTS	\$43,482.50
NON-SALARY (OTHER DIRECT EXPENSES)	\$2,661.30
TOTAL	\$46,143.80

# Fee Schedule Method of Payment: Lump Sum

Prime: iGET Services, LLC  
Project: FBC #23117 Hunt Road Segment 3 (1800' W of Pool Hill Rd to 4800' W of FM 359 Approx 3,650')  
Subprovider: CivilCorp, LLC. (Surveying Tasks)  
Method of Payment: Lump Sum

TASK DESCRIPTION	Support Manager	RPLS Project Manager	SENIOR SURVEY TECH	CADD TECH	2-PERSON SURVEY CREW	3-PERSON SURVEY CREW	SUE Tech	ADMIN/ CLERICAL	TOTAL LABOR HRS.	TOTAL TASK COSTS
Site Visit/Kick Off	1						1		2	\$ 388.00
SUE Investigation	1						12		13	\$ 2,038.00
Utility Survey			10						10	\$ 1,260.00
KMZ Mapping/Drafting	1		1	8			2		12	\$ 1,672.00
Daily/Weekly Paperwork/QA/QC/Records Research	1	2	1	2			1	4	11	\$ 1,576.00
HOURS SUB-TOTALS	4	2	12	10	0	0	16	4	48	\$6,934.00
CONTRACT RATE PER HOUR	\$238.00	\$212.00	\$126.00	\$126.00	\$190.00	\$225.00	\$150.00	\$96.50		
TOTAL LABOR COSTS	\$952.00	\$424.00	\$1,512.00	\$1,260.00	\$0.00	\$0.00	\$2,400.00	\$386.00		
% DISTRIBUTION OF STAFFING	8%	4%	25%	21%	0%	0%	33%	8%		
<b>SUBTOTAL</b>									\$6,934.00	

OTHER DIRECT EXPENSES	UNIT		QUANTITY	NOTES						COST
		MAXIMUM								
Mileage	Mile	\$ 0.670	44							\$ 29.48
GPS RTK Base	Hour	\$ 30.000	10							\$ 300.00
<b>SUBTOTAL DIRECT EXPENSES</b>										\$ 329.48

SUMMARY	
TOTAL LABOR COSTS	\$6,934.00
NON-SALARY (OTHER DIRECT EXPENSES)	\$329.48
<b>TOTAL</b>	<b>\$7,263.48</b>

# Fee Schedule Method of Payment: Lump Sum

Prime: iGET Services, LLC  
Project: FBC #23117 Hunt Road Segment 3 (1800' W of Pool Hill Rd to 4800' W of FM 359 Approx 3,650')  
Subprovider: CivilCorp, LLC. (Surveying Tasks)  
Method of Payment: Hourly- Not to Exceed

TASK DESCRIPTION	Support Manager	RPLS Project Manager	SENIOR SURVEY TECH	SURVEY TECH	2-PERSON SURVEY CREW	3-PERSON SURVEY CREW	GIS OPERATOR	ADMIN/ CLERICAL	TOTAL LABOR HRS.	TOTAL TASK COSTS
									0	
Verify project control	1	1	3	2		10			17	\$ 3,280.00
Stake proposed ROW	1	1	2	3		15			22	\$ 4,380.00
									0	
HOURS SUB-TOTALS	2	2	5	5	0	25	0	0	39	\$7,660.00
CONTRACT RATE PER HOUR	\$238.00	\$212.00	\$126.00	\$101.00	\$190.00	\$225.00	\$108.00	\$96.50		
TOTAL LABOR COSTS	\$476.00	\$424.00	\$630.00	\$505.00	\$0.00	\$5,625.00	\$0.00	\$0.00		
% DISTRIBUTION OF STAFFING	5%	5%	13%	13%	0%	64%	0%	0%		
SUBTOTAL									\$7,660.00	

OTHER DIRECT EXPENSES	UNIT	MAXIMUM	QUANTITY	NOTES						COST
Mileage	Mile	\$ 0.670	40							\$ 26.80
GPS RTK Base	Hour	\$ 30.000	15							\$ 450.00
SUBTOTAL DIRECT EXPENSES										\$ 476.80

SUMMARY	
TOTAL LABOR COSTS	\$7,660.00
NON-SALARY (OTHER DIRECT EXPENSES)	\$476.80
TOTAL	\$8,136.80

# Fee Schedule Method of Payment: Lump Sum

Prime: iGET Services, LLC  
Project: FBC #23117 Hunt Road Segment 3 (1800' W of Pool Hill Rd to 4800' W of FM 359 Approx 3,650')  
Subprovider: CivilCorp, LLC. (Surveying Tasks)  
Method of Payment: Per parcel

TASK DESCRIPTION	Support Manager	RPLS Project Manager	SENIOR SURVEY TECH	SURVEY TECH	2-PERSON SURVEY CREW	3-PERSON SURVEY CREW	GIS OPERATOR	ADMIN/ CLERICAL	TOTAL LABOR HRS.	TOTAL TASK COSTS
Prepare Parcel Plats and Metes and bounds (1 parcel)	1	1	4	8	2		1		0	
									17	\$ 2,250.00
									0	
									0	
									0	
HOURS SUB-TOTALS	1	1	4	8	2	0	1	0	17	\$2,250.00
CONTRACT RATE PER HOUR	\$238.00	\$212.00	\$126.00	\$101.00	\$190.00	\$225.00	\$108.00	\$96.50		
TOTAL LABOR COSTS	\$238.00	\$212.00	\$504.00	\$808.00	\$380.00	\$0.00	\$108.00	\$0.00		
% DISTRIBUTION OF STAFFING	6%	6%	24%	47%	12%	0%	6%	0%		
SUBTOTAL									\$2,250.00	

OTHER DIRECT EXPENSES	UNIT	MAXIMUM	QUANTITY	NOTES						COST
Mileage	Mile	\$ 0.670	40							\$ 26.80
GPS RTK Base	Hour	\$ 30.000	2							\$ 60.00
SUBTOTAL DIRECT EXPENSES										\$ 86.80

SUMMARY	
TOTAL LABOR COSTS	\$2,250.00
NON-SALARY (OTHER DIRECT EXPENSES)	\$86.80
TOTAL	\$2,336.80



July 24, 2024  
Proposal No: GP24-0709

**Dr. Satya Pilla, P.E., PMP®, ENV SP**  
*Project Manager*  
**iGET SERVICES LLC.**  
**10039 Bissonnet Street, Suite 336**  
**Houston, Texas 77036**

**Reference: Proposal for Geotechnical Investigation**  
**Hunt Road, Segment 3**  
**Fort Bend County, Texas**

Dr. Pilla,

Associated Testing Laboratories, Inc. (ATL) is pleased to submit a proposal for the above-referenced project. The geotechnical field investigation, testing, and soil data report should comply with the requirements of Fort Bend County Engineering Guidelines.

## **INTRODUCTION**

We understand that iGET Services LLC was awarded the Hunt Road Segment 3 Project, a contract with Fort Bend County to provide design engineering services for the Hunt Road Segment 3 Paving.

## **SCOPE OF WORK:**

Based on the available project information, Hunt Road alignment comprises a total length of approximately 3650 linear feet (LF). ATL proposes nine (9) soil borings at 15 ft depth to be drilled along Hunt Road alignment Segment 3.

The objective of this geotechnical investigation is to perform soil borings along the project area, gather and analyze the field and laboratory geotechnical information and data, and prepare a written report presenting the subsurface conditions found along the project alignments with geotechnical recommendations for the design and construction of the proposed paving.

## **GEOTECHNICAL INVESTIGATION**

### **Field Exploration**

All the proposed borings are located along existing street pavement areas. Mechanical truck coring machines will perform coring in boring locations before soil drilling and sampling are performed. The borings will be drilled using a truck-mounted rig.

The project alignment is located on a 2-lane-traffic road. Thus, traffic control measures including

signs, cones, and flagmen will be required during pavement coring and actual soil drilling and sampling.

Based on the available project information, ATL proposes the following borings to investigate the subsurface soils and groundwater conditions along the site location plan is presented in **Figure 1** as shown in Table A below:

Boring No. (Piezometer)	No of Borings	Street / Location	Depth, ft	Total, ft
B-1 thru B-9	9	Hunt Road, Segment 3	15	135
TOTAL, LINEAR FEET				135 LF

Soil samples will be obtained continuously to the termination depth of 15 ft. Standard Penetration Tests (SPT) will be performed in sands if encountered, and clays will be sampled by Shelby tube. Shear strengths of the clays will be measured in the field with a hand penetrometer and correlations between this data and laboratory shear strength data will be made during analysis.

Depth to groundwater will be important for the design and construction of this project. For this reason, the borings will be drilled dry until groundwater is encountered, or caving of soils occurs. Drilling will be suspended for 15 minutes to facilitate water level observation in the boring. After recording the water level, drilling will be resumed. The boreholes will be backfilled with soil cuttings and the pavement surface core will be patched back with lean concrete.

#### **Laboratory Testing**

Laboratory tests will be assigned corresponding to the types of soils encountered to classify the soil's physical and index properties, moisture contents, unconfined compressive strength, undrained unconsolidated compressive strength, Atterberg limits, percent finer than No. 200 sieve, sieve analysis, and dry density.

All tests will be performed in accordance with the American Society of Testing Materials (ASTM) Procedures. Estimated test types and quantities are presented on the attached sheet.

#### **Engineering Analyses and Reporting**

The field and laboratory data will be summarized in an engineering report. Analyses of data will be presented, and recommendations made in accordance with the Fort Bend County Engineering Criteria Guidelines. The following geotechnical information and recommendations will be provided:

- Boring logs and boring log profiles showing the generalized soil stratigraphy and groundwater levels.
- Site preparation and grading.
- Discussion of subsurface soils, stratigraphy and groundwater information.
- Select fill requirements & fill placements.
- Suitability for reuse of on-site soil.
- Dewatering consideration and recommendations.

- Pavement recommendations.

### **COST ESTIMATE**

Based on the scope of geotechnical work outlined above, we estimate the following costs:

Geotechnical Investigation for Proposed	Estimated Fee
Proposed Hunt Road Segment 3	<b>\$34,520.00</b>
Site Clearing	<b>\$3,600.00</b>

The cost estimates using the project quantities and requirements are presented in the enclosed **Itemized Geotechnical Fee Estimate** spreadsheet. This estimate assumes that: (i) underground utilities at proposed boring locations will be cleared by Texas 811 Call Service and/or private property maintenance personnel; (ii) the boring sites will be accessible to our truck-mounted drill rig equipment; (iii) permission/permit to access the site if needed, will be arranged by others at no cost to ATL.

### **TIME SCHEDULES**

We estimate that the fieldwork can be started immediately after authorization is received. The field staking and utility clearance will take approximately two weeks. The field investigation will require 2 to 3 weeks (assuming no complications in site access or site clearing, and weather permitting), and the regular laboratory testing will take approximately 3 to 5 weeks. The draft geotechnical report will be submitted approximately 6 to 8 weeks after receiving the official notice to proceed.

We appreciate the opportunity to submit this proposal and look forward to serving you on this project.

Thank you,  
ASSOCIATED TESTING LABORATORIES, INC.



Anita Singh, P.E.  
Principal

Enclosure:  
Itemized Fee – LOE Estimate

**Geotechnical Investigation Proposal**  
Hunt Road Segment 3

Fort Bend County, Texas  
ATL Proposal No. GP2024-0709  
July 24, 2024



**ITEMIZED GEOECHANICAL FEE ESTIMATE**  
**Hunt Road Segment 3**

Hunt Road Segment 3				
Borings: 9@15' [135]				
A. FIELD EXPLORATION	Current Qty.	Unit	Unit Rate	Amount
Mobilization/Demobilization (Truck Rig)	1	LS	\$746.00	\$746.00
Technician for Staking, Utilities Clearance, Coordination	24	hrs.	\$96.00	\$2,304.00
Soil Drilling and Sampling (continuous; <up to 20')	135	ft.	\$27.00	\$3,645.00
Logging (NICET II)	24	hr.	\$96.00	\$2,304.00
Grouting Holes	135	ft.	\$13.00	\$1,755.00
Coring (6-inches)	9	ea.	\$192.00	\$1,728.00
Coring (6-inches to 12-inches thickness)	54	ft.	\$18.00	\$972.00
Vehicle Charge	1	ea.	\$312.00	\$312.00
	SUBTOTAL			\$13,766.00
B. GEOTECHNICAL LABORATORY TESTING		Unit	Unit Rate	Amount
Moisture Content (ASTM D-2216)	68	ea.	\$12.00	\$810.00
Atterberg Limits (ASTM D-4318)	27	ea.	\$76.00	\$2,052.00
Passing No. 200 Sieve (ASTM D-1140)	27	ea.	\$59.00	\$1,593.00
Unconfined Compression (ASTM D-2166)	10	ea.	\$54.00	\$540.00
Unconsolidated-Undrained Triaxial Test (ASTM D-2850)	17	ea.	\$77.00	\$1,309.00
	SUBTOTAL			\$6,304.00
D. TRAFFIC CONTROL				
Flagmen	48	hrs.	\$40.00	\$1,920.00
Peace Officer	24	hrs.	\$75.00	\$1,800.00
	SUBTOTAL			\$3,720.00
D. ANALYSES & REPORT PREPARATION		Unit	Unit Rate	Amount
Senior Engineer (P.E.)	15	hrs.	\$218.00	\$3,270.00
Project Manager (P.E.)	20	hrs.	\$176.00	\$3,520.00
Graduate Engineer	20	hrs.	\$122.00	\$2,440.00
Draftsman/word Processor	20	hrs.	\$75.00	\$1,500.00
	SUBTOTAL			\$10,730.00
TOTAL ESTIMATED FEE OF PROPOSED SCOPE				\$34,520.00

July 25, 2024

Proposal No: GP24-0709\_Detention Pond

**Mr. Satya Pilla**  
**Principal**  
**iGET Services LLC**  
**10039 Bissonnet St, Suite 336**  
**Houston, Texas 77036**

**Reference: Proposal for Geotechnical Investigation**  
**Hunt Road Segment 3 – Detention Pond**  
**Fort Bend County, Texas**

Mr. Pilla,

Associated Testing Laboratories, Inc. (ATL) is pleased to submit a proposal for the above-referenced project. The geotechnical field investigation, testing, and soil data report should comply with the requirements of Fort Bend County Engineering Guidelines.

### **INTRODUCTION**

We understand that **iGET Services LLC** is currently under contract with Fort Bend County to provide design engineering services for the proposed detention pond at Hunt Road Segment 3.

### **SCOPE OF WORK:**

Based on the available project information, one (1) detention pond in a separate location is to be determined at a later date. The one (1) detention pond has an estimated total area that is to be determined, however we have made an assumption of 1 acre at a maximum depth of 5 feet below existing grade for this proposal. ATL proposes three (3) soil borings at 15 feet deep to be drilled at the proposed detention pond site location. One (1) piezometer will be installed to monitor 24-hour, 15-day, and 30-day water level readings.

The objective of this geotechnical investigation is to perform soil borings along the detention pond project area, gather and analyze the field and laboratory geotechnical information and data, and prepare a written report presenting the subsurface conditions found with geotechnical recommendations for the design and construction of the proposed detention pond.

## **GEOTECHNICAL INVESTIGATION**

### **Field Exploration**

All the proposed boring locations are not known at the time of this proposal. The use of a dozer-clearing machine may be needed on detention pond areas before actual soil drilling and sampling. Borings will be drilled using an ATV (all-terrain mounted) drill rig.

Based on the available project information, ATL proposes the following borings to investigate the subsurface soils and groundwater conditions. The site location plan is presented as shown in Table A below:

Boring No.	No of Borings	Location	Depth, ft	Total, ft
DB-1 thru DB-3	3	Detention Pond	15	45
PZ-1			*15	*15

*\*Piezometer PZ-1 at Detention Pond will be installed to a depth of 30 ft. after sampling and drilling.*

Soil samples will be obtained continuously to 15 feet. Standard Penetration Tests (SPT) will be performed in sands if encountered, and clays will be sampled by Shelby tube. Shear strengths of the clays will be measured in the field with a hand penetrometer and correlations between this data and laboratory shear strength data will be made during analysis.

Depth to groundwater will be important for the design and construction of this project. For this reason, the borings will be drilled dry until groundwater is encountered, or caving of soils occurs. Drilling will be suspended for 15 minutes to facilitate water level observation in the boring. After recording the water level, drilling will be resumed. The boreholes will be backfilled with soil cuttings after drilling.

### **Laboratory Testing**

Laboratory tests will be assigned corresponding to the types of soils encountered to classify the soil's physical and index properties, moisture contents, unconfined compressive strength, undrained unconsolidated compressive strength, Atterberg limits, percent finer than No. 200 sieve, sieve analysis, dry density, crumb test double hydrometer test, specific gravity test, and consolidated undrained triaxial test.

All tests will be performed in accordance with the American Society of Testing Materials (ASTM) Procedures. Estimated test types and quantities are presented on the attached sheet.

### **Engineering Analyses and Reporting**

The field and laboratory data will be summarized in an engineering report. Analyses of data will be presented, and recommendations made in accordance with the Fort Bend County Engineering Criteria Guidelines. The following geotechnical information and recommendations will be provided:

- Boring logs and boring log profiles showing the generalized soil stratigraphy and groundwater levels.
- Discussion of subsurface soils and stratigraphy and groundwater information.
- Dewatering consideration and recommendations.
- Piezometer installation and groundwater measurements.
- Soil dispersion tests (Crumb and Double Hydrometer - D<sub>95</sub> & D<sub>50</sub> values) for the Detention Ponds).

### **COST ESTIMATE**

Based on the scope of geotechnical work outlined above, we estimate the following costs:

Geotechnical Investigation for Proposed	Estimated Fee
Hunt Road Segment 3 – Detention Pond	<b>\$17,255.00</b>
Site Clearing for 1 Acre	<b>\$3,600.00</b>

The cost estimates using the project quantities and requirements are presented in the enclosed **Itemized Geotechnical Fee Estimate** spreadsheet. This estimate assumes that: (i) underground utilities at proposed boring locations will be cleared by Texas 811 Call Service and, or private property maintenance personnel; (ii) the sites will be accessible to our ATV (all-terrain vehicle) mounted drill rig equipment; (iii) permission/permit to access the site if needed, will be arranged by others at no cost to ATL.

### **TIME SCHEDULES**

We estimate that the fieldwork can be started immediately after authorization is received. The field staking and utility clearance will take about two weeks. The field investigation will take about 3 to 5 weeks (assuming no complications in site access or site clearing, and weather permitting), and the regular laboratory testing will take about 6 to 8 weeks. The draft geotechnical report will be submitted approximately 10 to 12 weeks after receiving the official notice to proceed.

We appreciate the opportunity to submit this proposal and look forward to serving you on this project.

Thank you,  
ASSOCIATED TESTING LABORATORIES, INC.



Anita Singh, P.E.  
Principal





ITEMIZED GEOECHANICAL FEE ESTIMATE  
Hunt Road Segment 3 - Detention Pond

Borings: 3@15' [45 LF] & Piezometers: 1@15', [15 LF]				
A. FIELD EXPLORATION	Current Qty.	Unit	Unit Rate	Amount
Mobilization/Demobilization (Truck Rig)	1	LS	\$746.00	\$746.00
Mobilization/Demobilization - ATV Rig Surcharge	1	LS	\$266.00	\$266.00
Technician for Staking, Utilities Clearance, Coordination	16	hrs.	\$96.00	\$1,536.00
Soil Drilling and Sampling (continuous; <up to 20')	45	ft.	\$27.00	\$1,215.00
Soil Drilling and Sampling (20'-50' continuous)	0	ft.	\$32.00	\$0.00
ATV Surcharge	45	ft.	\$11.00	\$495.00
Soil Drilling and Sampling (0'-50' intermittent)	0	ft.	\$24.00	\$0.00
Logging (NICET II)	8	hr.	\$96.00	\$768.00
Grouting Holes	0	ft.	\$13.00	\$0.00
Piezometer Installation	15	ft.	\$26.00	\$390.00
Piezometer Abandonment	15	ft.	\$21.00	\$315.00
24-Hr, 7-Day & 1 month PZ Water Level Readings	8	hrs.	\$96.00	\$768.00
Vehicle Charge	16	hrs.	\$13.00	\$208.00
	SUBTOTAL			\$6,707.00
B. GEOTECHNICAL LABORATORY TESTING		Unit	Unit Rate	Amount
Moisture Content (ASTM D-2216)	23	ea.	\$12.00	\$276.00
Atterberg Limits (ASTM D-4318)	9	ea.	\$76.00	\$684.00
Passing No. 200 Sieve (ASTM D-1140)	9	ea.	\$59.00	\$531.00
Unconfined Compression (ASTM D-2166)	5	ea.	\$54.00	\$270.00
Unconsolidated-Undrained Triaxial Test (ASTM D-2850)	5	ea.	\$77.00	\$385.00
Consolidated-Undrained Triaxial Test (ASTM D-4767) *3-stage w/3 samples/set	0	ea.	\$1,800.00	\$0.00
Double Hydrometer Tests (ASTM D-4221), with D <sub>90</sub> and D50	2	ea.	\$266.00	\$532.00
Crumb Tests (ASTM D-6572)	10	ea.	\$46.00	\$460.00
Specific Gravity (ASTM D854)	1	ea.	\$71.00	\$71.00
	SUBTOTAL			\$3,209.00
C. ANALYSES & REPORT PREPARATION		Unit	Unit Rate	Amount
Senior Engineer (P.E.)	8	hrs.	\$218.00	\$1,744.00
Project Manager (P.E.)	15	hrs.	\$176.00	\$2,640.00
Graduate Engineer	15	hrs.	\$122.00	\$1,830.00
Draftsman/word Processor	15	hrs.	\$75.00	\$1,125.00
	SUBTOTAL			\$7,339.00
TOTAL ESTIMATED FEE OF PROPOSED SCOPE				\$17,255.00

# CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.  
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

## OFFICE USE ONLY CERTIFICATION OF FILING

**1 Name of business entity filing form, and the city, state and country of the business entity's place of business.**

iGET Services LLC  
Houston, TX United States

**Certificate Number:**  
2025-1276577

**Date Filed:**  
03/03/2025

**Date Acknowledged:**  
03/25/2025

**2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.**

Fort Bend County, TX

**3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.**

Mobility Bond Project #23117  
Professional Engineering Services

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

**5 Check only if there is NO Interested Party.**



**6 UNSWORN DECLARATION**

My name is \_\_\_\_\_, and my date of birth is \_\_\_\_\_.

My address is \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.  
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in \_\_\_\_\_ County, State of \_\_\_\_\_, on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
(month) (year)

\_\_\_\_\_  
Signature of authorized agent of contracting business entity  
(Declarant)