

MUTUAL TERMINATION AGREEMENT

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

This Mutual Termination Agreement is made and entered into by and between Harris County, a body corporate and politic under the laws of the State of Texas, hereinafter referred to as the "County," and InfraTECH Engineers & Innovators, LLC, hereinafter referred to as the "Contractor." County and Contractor may each be referred to herein individually as a "Party" or collectively as the "Parties".

WITNESSETH:

WHEREAS, on June 9, 2020, the County and Contractor entered into an agreement for Engineering Services ("Agreement") as described in Exhibit A attached hereto and incorporated herein by reference; and

WHEREAS, due to changing circumstances, the Parties desire to terminate the Agreement ("Termination Agreement");

NOW THEREFORE, in consideration of the mutual covenants, agreements, and benefits to the parties hereto, the County and Contractor agree that effective thirty (30) days from execution of this Termination Agreement, the Agreement hereby terminates.


Upon execution of this Termination Agreement, Contractor shall discontinue all Services in connection with the performance of the Agreement and shall proceed to cancel promptly all existing orders and contracts in so far as such orders or contracts are chargeable to the Agreement.

Within thirty (30) days after execution of the Termination Agreement, Contractor agrees to submit an invoice showing in detail the Services performed under the Agreement up to and including the date of termination.

The County agrees to pay Contractor that proportion of the prescribed charges for the Services actually performed and deliverables actually received under the Agreement bear to the total Services or deliverables called for under the Agreement, less such payments on account of charges as have previously been made.

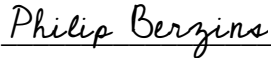
[Execution Page follows]

InfraTECH Engineers & Innovators, LLC HARRIS COUNTY

By: 
Name: Anwar Zahid
Title: President & CEO
Date: July 12, 2022

By: _____
LINA HIDALGO
COUNTY JUDGE
Date: _____

APPROVED AS TO FORM:
Christian D. Menefee
COUNTY ATTORNEY

By: 
Philip Berzins
Assistant County Attorney
C.A. File 22GEN 2478

PROFESSIONAL SERVICES AGREEMENT

(Professional Engineering Services)

1. PARTIES

- 1.1 Parties. The Parties to this Professional Services Agreement (“Agreement”) are **InfraTECH Engineers & Innovators, LLC** (“Engineer”), and **Harris County** (“County”), on behalf of its Harris County Engineering Department (“HCED”). County and Engineer each may also be referred to individually herein as a “Party,” or collectively as the “Parties.”

2. PURPOSE

- 2.1 Project Description. County intends to provide improvements to Zion Road Segment 3 from east of J131-00-00 (Boggs Gully) to Hufsmith Road located in Harris County Precinct 4 (“Project”). This Project is also identified as UPIN 20104MF1BC01.
- 2.2 Summary of Scope of Work. In addition to any applicable attachments to this Agreement describing the Scope of Work, County desires that Engineer provide Professional Engineering Services in the study, design and bidding phase of the Project, as further described in Exhibit A attached.
- 2.3 Professional Engineering Services. The professional services to be performed under this Agreement are within the scope of professional engineering, as defined by state law, and will be provided in connection with the professional employment or practice of a person who is licensed or registered as a professional engineer. The professional engineering services shall be performed in accordance with Tex. Occ. Code Ann. §§ 1001.001, et. seq, as amended.
- 2.4 Professional Services Procurement Act. The work to be performed under this Agreement cannot be purchased on the basis of competitive bids since it is encompassed within Texas Government Code §2254.002(2).

3. ENGINEER’S REPRESENTATIONS

- 3.1 Applicable Expertise. Engineer and the person executing this Agreement on behalf of Engineer certify and represent that Engineer (including Engineer’s agents, employees, volunteers, and subcontractors, as applicable) possesses the skills, qualifications, expertise, experience, education, knowledge, ability, and financial resources to perform all services and/or deliverables contemplated in this Agreement without significant disruption of those deliverables.
- 3.2 Permits and Licensing. Engineer represents that Engineer (including Engineer’s agents, employees, volunteers, and subcontractors, as applicable) possesses all special certifications, licenses, inspections and permits required by law to carry out the Scope of Work contemplated in this Agreement. Engineer’s agents, employees, volunteers, and subcontractors, as applicable, shall maintain appropriate accreditation and licensing, as required, through the State of Texas or other applicable licensing entities. Prior to the performance of any services under this Agreement, Engineer shall, upon written (including electronic) request, provide proof of valid licensure to HCED (including a listing of all licenses and expiration dates).
- 3.3 Authorized to Conduct Business. Engineer represents that Engineer is authorized to conduct the business and carry out the Scope of Work contemplated in this Agreement. Prior to starting performance under this Agreement, Engineer shall, upon written (including electronic) request, provide proof to HCED of the authority to do business in this state or at the location specified in this Agreement.
- 3.4 Ability to Perform. HCED will award contracts only to the most highly qualified available responsible provider/contractor possessing the ability to perform successfully under the terms, conditions, and budget of a proposed procurement. Consideration will be given to such matters as provider integrity, compliance with public policy, record of past performance, and financial and technical resources. Engineer represents

that Engineer has the administrative, managerial, and financial capability to ensure proper planning, management and completion of the Scope of Work described in this Agreement and further has the administrative capacity and capabilities to carry out all duties and responsibilities under this Agreement.

- 3.5 Conflict of Interest Certification. Pursuant to Chapter 176 of the Texas Local Government Code, Engineer certifies that Engineer has completed any required conflict of interest disclosures or questionnaires (see www.ethics.state.tx.us). If this certification is materially incomplete or inaccurate, Engineer acknowledges that County shall have the right to terminate this Agreement without prior notice.
- 3.6 Certificate of Interested Parties Form 1295. Engineer certifies that it has accurately completed and submitted a notarized Certificate of Interested Parties Form 1295 ("Form 1295") in accordance with Texas Government Code §2252.908 and the rules adopted thereunder. Engineer acknowledges that it is responsible for making any and all necessary updates and/or corrections to the applicable Form 1295 during the term of this Agreement. Engineer must either (1) mail the completed Form 1295 to the Harris County Engineering Department at 1001 Preston, 7th Floor, Houston, TX 77002, Attn: Administrative Services or (2) submit the form by email to HCEDAdminSvcs@hcpid.org.
- 3.7 Disbursements to Persons with Outstanding Debt Prohibited. Engineer certifies, by execution of this Agreement, that neither Engineer nor any of Engineer's principals owe any debts as defined in Local Government Code Section 154.045 (including delinquent property taxes). Engineer understands that certain disbursements are prohibited and that County may apply any funds due to Engineer under this Agreement to any outstanding balance of certain debts pursuant to Section 154.045. If this certification is inaccurate, County may also terminate this Agreement. In addition, Engineer hereby assigns any payments under this Agreement to the Harris County Tax Assessor-Collector for the payment of any current or future delinquent taxes.
- 3.8 Internet Access. Engineer shall maintain appropriate internet access, which will enable Engineer to access any secure online invoicing, reporting, or other web-based system designed for more efficient communication with HCED. As requested, Engineer shall submit required reports, invoices and related documents through an applicable secure internet site in a manner required to protect any confidential information submitted. Engineer shall review all instruction materials and/or attend all HCED provided training that is necessary for Engineer to properly utilize applicable web-based information systems.

4. SPECIFIC SCOPE OF WORK/SERVICES AND/OR DELIVERABLES

- 4.1 Specific work, products, services, licenses and/or deliverables. Engineer shall provide the work, products, services, licenses and/or deliverables required to be provided by Engineer and as set out in this Agreement and in Attachment A and all other referenced attachments incorporated in this Agreement (altogether referred to as the Scope of Work). The provisions in this Agreement labeled 'Scope of Services' or 'Scope of Work' shall take precedence over anything conflicting in any attached Engineer proposal or correspondence. Engineer shall submit any and all project-related documents and invoices through the cloud-based project management software utilized by HCED for planning and management of all projects using real-time project data.
- 4.2 Written Authorization. From time to time during the course of this Agreement, HCED may deliver to Engineer written (including electronic) authorization (sometimes referred to as a notice-to-proceed, task-order, work-order or job-order) for providing certain work, products, services, licenses and/or deliverables contemplated in this Agreement, which Engineer shall then perform in accordance with this Agreement. Engineer shall not begin or proceed to the next design phase of the Scope of Work until Engineer receives from HCED a written (including electronic) authorization to proceed. County shall have no obligation to pay for and Engineer shall have no obligation to provide any work, services, products, or deliverables not rendered in accordance with a prior written authorization as described by this Section. Engineer shall complete the services called for by the calendar days and by the deadlines specified in this Agreement, including exhibits and written authorizations.

5. ADDITIONAL AND SPECIAL REQUIREMENTS

- 5.1 Cooperation with Other Service Providers. County may engage the services of other service providers for work related to the work, products, services, licenses and/or deliverables in this Agreement. Engineer shall reasonably cooperate with such other service providers and will not commit or permit any act that may interfere with the performance of work by any other service provider.
- 5.2 Non-Assignability. Unless otherwise authorized in this Agreement, neither party shall assign, in whole or in part, any duty or obligation of performance under this Agreement without the express written permission of the other party, except that the express written permission of HCED shall be considered the permission of County. Such written permission will not be unreasonably withheld, unreasonably conditioned, or unreasonably delayed. However, with notice to HCED, Engineer may assign this Agreement to any affiliate of Engineer that controls, is controlled by, has resulted from a merger with, or is under common control with, Engineer if the assignee is at least as capable and qualified to provide the deliverables contemplated in this Agreement. This provision is not intended to restrict any assignment that is required by Section 9.406 of the Texas Business and Commerce Code.
- 5.3 Independent Contractor/Parties. County expects Engineer to meet the high standards set forth in this Agreement and looks to Engineer for results only. Unless otherwise required by law or regulation, County shall not direct the methods used to obtain those results, and Engineer shall perform the services as an independent contractor under the sole supervision, management, direction, and control of Engineer. As an independent contractor, Engineer will accept directions pertaining to the goals to be attained and the results to be achieved, as applicable, pursuant to this Agreement, but Engineer shall be solely responsible for the manner in which Engineer will perform the services under this Agreement. Any methods that might be discussed in any training sessions given by HCED are not mandatory unless specifically required in writing in this Agreement or by law. Engineer is not obligated to maintain any set, regular hours, nor to perform any set number of hours of service in fulfilling the obligations under this Agreement, unless otherwise specifically set out in this Agreement. This Agreement is not intended to create a joint enterprise, joint venture, business partnership, agency, franchise, or employment relationship, under Texas law. The personnel and staff of Engineer are independent contractors or employees of Engineer and shall not for any purposes be considered employees or agents of County. Engineer assumes full responsibility for the actions of any employees and agents while performing any services incident to this Agreement, and Engineer shall remain solely responsible for the supervision, daily direction, control and payment, if any, of salaries (including withholding of income and social security taxes), workers' compensation or disability benefits and like requirements and obligations.
- 5.4 Employee Retention. Engineer agrees to maintain the organizational and administrative capacity and capabilities to carry out all duties and responsibilities under this Agreement. The personnel Engineer assigns to perform the duties and responsibilities under this Agreement will be properly trained and qualified for the functions they are to perform. If specific qualifications are set forth in job descriptions required by the funding entity and/or in this Agreement, unless a written waiver is granted, Engineer shall only assign personnel with the required qualifications to fulfill those functions. Notwithstanding transfer or turnover of personnel, Engineer remains obligated to perform all duties and responsibilities under this Agreement without degradation and in accordance with the terms of this Agreement.
- 5.5 Significant Organizational Change Notification. Engineer shall notify County immediately and in advance of any significant organizational change that could affect Engineer's ability to carry out all duties and responsibilities under this Agreement, including any change of Engineer's name or identity, ownership or control, or payee identification number. Engineer shall also provide written notice to County within 10 working days of the change. Engineer shall provide ownership information to County immediately upon any such change.
- 5.6 Adverse Actions Reporting. Engineer shall inform HCED, in writing, of any concluded investigation of Engineer (including Engineer's agents, employees, volunteers, and subcontractors, as applicable, providing work, products, services, licenses and/or deliverables under this Agreement) that is conducted by or on behalf of a government entity or other licensing or accreditation entity (including any state board of

examiners) and whose outcome included public censure or other public sanction (or any pending investigations, administrative actions, or lawsuits, that relate to the work under this Agreement or that could adversely affect any performance or obligation in this Agreement). If at any time a license of Engineer's agents, employees, volunteers, and subcontractors, as applicable, providing work, products, services, licenses and/or deliverables under this Agreement required to be maintained to fulfill the Commitments in this Agreement is suspended, revoked or is determined to be out of compliance in Texas or any other state, this Agreement may be terminated immediately without prior notice, at the option of HCED, effective the date of the suspension, revocation or non-compliance. Engineer is not entitled to receive payment for services that were performed by Engineer while the required license was suspended or revoked. Engineer agrees to immediately inform HCED, in writing, of any adverse professional review action that is taken by a professional association or society and that is based on the professional competence or professional conduct of Engineer's agents, employees, volunteers, and subcontractors, as applicable, providing work, products, services, licenses and/or deliverables under this Agreement. County may, at its sole option, terminate this Agreement, upon notice of such adverse professional review action.

- 5.7 Subcontracts. Unless otherwise explicitly set out in this Agreement, Engineer shall not enter into any subcontract for the work, products, services, licenses and/or deliverables under this Agreement unless, prior to any written authorization to proceed with work done in part by the subcontractor, Engineer has provided to HCED the qualifications of the subcontractor to perform and meet the standards of this Agreement. Engineer shall comply with all Texas Administrative Code and Texas professional licensing agency requirements for choosing any professionally-licensed subcontractor.
- 5.8 Professional Standards. Where specifically-applicable standards are not explicitly set forth in this Agreement, as someone with expertise in the field, Engineer must provide the work, products, services, licenses and/or deliverables in accordance with generally-accepted standards applicable to Engineer's profession or industry. Engineer and County agree and acknowledge that County is entering into this Agreement in reliance on the Engineer's competence and qualifications, as those were presented to County by Engineer with respect to professional services. Engineer shall at all times utilize the skill and attention to fully, timely, and properly render professional services for the development of The Project to final completion as set out in, or reasonably inferred from, the Scope of Work/Services. This shall be done in a manner utilizing the degree of care ordinarily used by licensed professionals performing similar services on projects of a similar nature and scope within the State of Texas. A professional engineer assigned by Engineer to manage the Scope of Work who is licensed to practice in the State of Texas shall be present and represent Engineer at meetings of any official nature concerning The Project, including, but not limited to, scope meetings, status meetings, pre-bid meetings, any pre-construction meetings and any construction meetings (for construction-related projects) with County staff and/or contractors, unless otherwise set forth in the Scope of Work or approved in writing by HCED.
- 5.9 County Procedures. To effectively perform the services stated above, Engineer must become familiar with various procedures, policies, data collection systems, and other information of County. Engineer shall adhere to all applicable County engineering guidelines, standards, and design criteria (see <http://www.eng.hctx.net>). HCED will assist Engineer in obtaining the information. Unless otherwise required by law, Engineer agrees to keep any sensitive information confidential and not disclose it to outside parties without first obtaining County's written authorization.
- 5.10 Ownership of Work Product. For the purposes of assigning ownership of Engineer work product, the work performed will be deemed, to the extent authorized by law, to have been done on a works-made-for-hire basis, as that term is understood in copyright law. In the event and to the extent that such works are determined not to constitute works-made-for-hire, Engineer hereby irrevocably assigns and transfers to County all right, title, and interest in such works, including, but not limited to, copyrights. County shall be the absolute and unqualified owner of all completed or partially-completed Engineer work product prepared pursuant to this Professional Services Agreement and shall have the same force and effect as if prepared by County, including mylar reproductions, drawings, preliminary layouts, electronic documents and drawings, record drawings, sketches, plans, cost estimates, inventions, designs, computer input/output information, computer applications, software, firmware, computations, and other documents (including the original electronic file format). Engineer may retain one set of reproducible copies for Engineer's sole use in

preparation of studies or reports for County only. Engineer is expressly prohibited from selling, licensing or donating such documents, or using such documents in the preparation of other work for any other client, without the prior express written permission of HCED. Engineer warrants that Engineer's work product will not in any way constitute an infringement or other violation of any copyright, trade secret, trademark, patent, invention, proprietary information, non-disclosure, or any other right of any third party, and Engineer will defend any claim, suit, or proceeding brought against County on the issue of infringement of any copyright by virtue of anything supplied by Engineer to HCED under this Agreement.

- 5.11 Trade Secrets. In connection with the work, products, services, licenses, Scope of Work, and/or deliverables provided under this Agreement, HCED may disclose to Engineer certain documents, data, and/or other information that is proprietary, confidential, or a trade secret (Trade Secrets). Engineer must not divulge or otherwise make unauthorized use of Trade Secrets or other protected information, procedures, or policies of HCED, any former employee, contractor, client, customer, or consultant, in the exercise of duties under this Agreement. Except to the extent authorized by a third party, neither Party shall copy, recreate, or use any proprietary information of a third party in the performance of services under this Agreement.
- 5.12 Nondisclosure and Confidentiality of Information. To the extent permitted by law, Engineer must keep confidential the contents of all discussions with local, state, and federal officials, as well as the contents of all local, state, and federal records and all other information obtained during performance under this Agreement. To fulfill Engineer's obligations under this Agreement, Engineer may be provided access to information, systems, operations, or procedures that are security sensitive or have been identified as confidential. This confidential information may include information from one of the government entity funding sources, such as a Texas or federal agency. Engineer and the person executing this Agreement on behalf of Engineer acknowledge that (a) access to this information (whether electronic, written or oral, formal or informal) is provided solely to Engineer for the purpose of discharging the duties in this Agreement, (b) premature or unauthorized disclosure of this information can irreparably harm the interests of County and may constitute a violation of state and/or federal law, and (c) the information may represent confidential or proprietary information, the release of which may be restricted or prohibited by law. Therefore, Engineer must (1) not access any information without express written authorization of HCED; (2) not copy, recreate, or use any information or document obtained in connection with this Agreement other than for the performance of this Agreement; (3) to the extent permitted by law, keep confidential the contents of all discussions with county, state, and federal officials, as well as the contents of all county, state, and federal records and all other information obtained during performance under this Agreement, unless authorized in writing by appropriate HCED officials; (4) not, except to the extent required by law, or necessary for the performance of this Agreement, release, disclose, reveal, communicate, impart or divulge any information or any summary or synopsis of the information in any manner or any form whatsoever to outside parties without the express written consent of HCED; (5) take all steps necessary to protect confidential information from disclosure to third parties and have a system in effect that must include a method to ensure the confidentiality of records and other information relating to any person according to applicable federal and state law, rules and regulations; (6) not reproduce, copy, or disseminate such confidential information, except to those who need to know such information and are obligated to maintain its confidentiality, including Engineer's partners, principals, representatives or employees as necessary to fulfill obligations under this Agreement; (7) notify HCED immediately of all requests for confidential information; and (8) immediately report to HCED all unauthorized disclosures or uses of confidential information.
- 5.13 Public Comment and Public Information Act. To the extent permitted by law, all contact with the news media, citizens of County, the State of Texas or other governmental agencies concerning The Project will be the responsibility of HCED. In the event Engineer is subject to the Texas Public Information Act, upon receipt of a written request for any information by Engineer developed in the performance of services under this Agreement, Engineer shall provide written notice to HCED of the request along with a copy of the request, and give HCED the opportunity to respond to the request prior to any release by Engineer. Unless required by law, under no circumstances shall Engineer release any material or information developed in the performance of services under this Agreement without the express prior written permission of HCED.

- 5.14 Applicable Laws. Engineer shall comply (and assure compliance by Engineer's agents, employees, volunteers, and subcontractors, as applicable, providing work, products, services, licenses and/or deliverables under this Agreement) with all applicable state, federal, and local laws, ordinances, regulations, executive orders, rules, directives, standards, guidelines, and instructions relating to the work to be performed. Engineer shall immediately bring to County's attention any conflicts between any applicable state, federal, and local laws, ordinances, regulations, executive orders, rules, directives, standards, guidelines, and instructions relating to the work to be performed. If laws or regulations change and affect any provision of this Agreement, this Agreement shall be deemed amended to conform to those changes in the laws or regulations on the date such laws or regulations become effective. If any such changes (that occur after the effective date of this Agreement and that Engineer should not reasonably have anticipated) require significant changes or additions to the Scope of Work that were not contemplated by the Parties, the Parties shall negotiate in good faith for the purpose of creating reasonable and equitable written modifications to this Agreement.
- 5.15 Records Retention and Management. Engineer shall maintain complete, accurate, and readily accessible records that are necessary to document and support the fulfillment of the obligations in this Agreement, including performance, design, underlying calculations, and financial records, as well as a copy of this Agreement. Engineer shall maintain and make available for inspection the Records for a minimum of four (4) years following either the end of the federal fiscal year in which any obligations were performed under this Agreement or the termination date of this Agreement, whichever is longer (or longer if necessary to resolve any litigation, claims, financial management review, or audit findings).
- 5.16 Authority of Harris County Engineer. The Harris County Engineer ("County Engineer") shall decide any and all questions that may arise as to the interpretation of this Agreement and all questions as to the acceptable fulfillment of this Agreement by Engineer. It is mutually agreed by both Parties that the County Engineer shall act as referee between the Parties in all questions arising under the terms of this Agreement and that the decisions of the County Engineer shall be final and binding alike on all Parties. If agreed to in writing by Engineer and the County Engineer (or designee), Engineer and the County Engineer may make adjustments to the Scope of Work that do not destroy the purposes of this Agreement. In making the aforementioned adjustments to the Scope of Work, Engineer and the County Engineer may adjust any corresponding firm fixed or maximum prices that neither increase the maximum amount of funds that Commissioners Court has authorized to be encumbered nor destroy the purposes of this Agreement. Any of the aforementioned adjustments to the Scope of Work and/or corresponding adjustments to any firm fixed or maximum prices (collectively, "Adjustments") may be reflected by a written Special Amendment to the Scope of Work in this Agreement ("Special Amendment"). Nothing contained in this section shall be construed to authorize the County Engineer to alter, vary, or amend any of the terms or provisions of this Agreement, other than the aforementioned Adjustments. The County Engineer is authorized on behalf of the County to make Adjustments (as defined herein) and execute a corresponding Special Amendment without further action by Commissioners Court. The Harris County Auditor ("County Auditor") is authorized, without further action by Commissioners Court, to certify additional funding for any Adjustments upon execution of a Special Amendment by the County Engineer.
- 5.17. Foreign Terrorists Organizations. In accordance with Tex. Gov't Code Ann. Chapter 2252 Subchapter F, Engineer warrants and represents that, at the time of execution of this Agreement and for the duration of the Term of this Agreement and any Renewal Terms, Engineer does not appear on the Texas State Comptroller's list of companies known to have contracts with or provide supplies or services to a foreign terrorist organization.
- 5.18 Anti-Boycott. In accordance with Tex. Gov't Code Ann. § 2270.002, Engineer warrants and represents that it does not boycott Israel and agrees that it will not boycott Israel during the term of this contract.

6. INSURANCE

- 6.1 Coverage and Limits. During the Term of this Agreement and any extensions thereto, Engineer at its sole cost and expense shall provide insurance of such type and with such terms and limits as may be reasonably associated with this Agreement. As a minimum, Engineer shall provide and maintain the following coverage and limits:

- (a) Workers Compensation, as required by the laws of Texas, and Employers' Liability, as well as All States, United States Longshore & Harbor Workers Compensation Act and other endorsements, if applicable to the Project, and in accordance with state law.

Employers' Liability

(i)	Each Accident	\$1,000,000
(ii)	Disease – Each Employee	\$1,000,000
(iii)	Policy Limit	\$1,000,000

- (b) Commercial General Liability, including but not limited to, the coverage indicated below. This policy will provide coverage for personal and bodily injury, including death, and for property damage, and include an endorsement for contractual liability. Coverage shall not exclude or limit the Products/Completed Operations, Contractual Liability, or Cross Liability. Where exposure exists, County may require coverage for watercraft, blasting, collapse, explosions, blowout, cratering, underground damage, pollution, and other coverage. *County shall be named Additional Insured on primary/non-contributory basis.*

(i)	Each Occurrence	\$1,000,000
(ii)	Personal and Advertising Injury	\$1,000,000
(iii)	Products/Completed Operations	\$1,000,000
(iv)	General Aggregate (per project)	\$1,000,000

- (c) Professional Liability/Errors and Omissions, in an amount not less than One Million Dollars (\$1,000,000) per claim and in the aggregate.
- (d) Umbrella/Excess Liability in an amount not less than One Million Dollars (\$1,000,000) per occurrence and in the aggregate. *County shall be named Additional Insured on primary/non-contributory basis.*
- (e) Automobile Liability insurance to include Engineer's liability for death, bodily injury, and property damage resulting from Engineer's activities covering use of owned, hired, and non-owned vehicles, with combined single limit of not less than One Million Dollars (\$1,000,000) for each accident. *County shall be named Additional Insured on primary/non-contributory basis.*

- (f) Any other coverage required of Engineer pursuant to statute.

6.2 Delivery of Policies. Immediately upon execution of this Agreement and before any Services are commenced by Engineer, Engineer shall provide County evidence of all of the above coverage on forms and with insurers acceptable to County. Engineer must maintain a valid Certificate of Insurance as described herein on file with County at all times during the term of this Agreement. Engineer must either (1) mail the Certificate of Insurance to the Harris County Engineering Department at 1001 Preston, 7th Floor, Houston, TX 77002, Attn: Administrative Services or (2) submit it by email to HCEDAdminSvc@hcpid.org.

6.2.1 Issuers of Policies. Coverage shall be issued by company(s) licensed by the Texas Department of Insurance to do business in Texas, unless said coverage is not available or economically feasible except through an excess or surplus lines company, in which case the company(s) should be registered to do business in Texas. Companies shall have an A.M. Best rating of at least A-VII.

6.2.2 Certificates of Insurance. Engineer shall provide unaltered Certificates of Insurance which evidence the required coverage and endorsements and satisfy the following requirements:

- (a) Be less than 12 months old;
- (b) Include all pertinent identification information for the Insurer, including the company name and address, policy number, NAIC number or AMB number, and an authorized signature;
- (c) Include the Project name and reference numbers and indicates the name and address of the Project Manager in the Certificate Holder Box; and

- (d) Be appropriately marked to accurately identify:
 - (i) All coverage and limits of the policy;
 - (ii) Effective and expiration dates;
 - (iii) Waivers of subrogation, endorsement of primary insurance and additional insured language, as described herein.

6.2.3 Certified Copies of Policies and Endorsements. Upon request, Engineer shall furnish certified copies of insurance policies and endorsements to County.

6.2.4 Renewal Certificates. Renewal certificates are due to County at least thirty (30) days prior to the expiration of the current policies.

6.2.5 Subcontractors. If any part of the Agreement is sublet, insurance shall be provided by or on behalf of any subcontractor, and shall be sufficient to cover their portion of the Agreement. Engineer shall furnish evidence of such insurance to County as well.

6.3 Additional Insured. Engineer shall include County and its respective officers, directors, agents, and employees as an Additional Insured on the Commercial General Liability, Automobile Liability, and Umbrella/Excess Liability insurance certificates. Engineer's coverage shall be primary insurance to any similar insurance maintained by County and must contain an endorsement stating such. Coverage to County as an Additional Insured on any of Engineer's insurance coverage shall not be subject to any deductible.

6.4 Deductibles. Engineer shall be responsible for and pay any claims or losses to the extent of any deductible amounts applicable under all such policies and waives any claim it may have for the same against County, its officers, directors, agents, or employees.

6.5 Claims-made Policies. All insurance policies written on a claims-made basis, including Professional Liability/Errors and Omissions, shall be maintained for a minimum of two (2) years following completion of all services under this Agreement ("Extended Reporting Period"). Engineer shall obtain or maintain full prior acts coverage at least to the effective date of this Agreement in the event of a carrier or policy change.

6.6 Waiver of Subrogation. Engineer waives any claim or right of subrogation to recover against County, its officers, directors, agents, and employees ("Waiver of Subrogation"). Each policy required under this Agreement must contain a Waiver of Subrogation endorsement.

6.7 Notice of Cancellation, Non-Renewal, or Material Change. Engineer shall provide County with thirty (30) days' minimum written notification in the event of cancellation, non-renewal, or material change to any or all of the required coverage.

6.8 Remedies for Noncompliance. Failure to comply with any part of this Section is a material breach of this Agreement. Engineer could immediately, and without notice, have all compensation withheld or suspended, be suspended from providing further Services, or be terminated from this Agreement for any lapse in coverage or material change in coverage which causes Engineer to be in noncompliance with the requirements of this Section.

7. FUNDING, COMPENSATION AND/OR BASIS FOR PAYMENT, METHOD, AND LIMITATIONS

7.1. Payments/Compensation. For and in consideration of the work, products, services, licenses or deliverables provided under this Agreement and during the term of this Agreement, subject to the limitations in this Agreement, County shall pay Engineer in accordance with the fee schedule and rates specified in this Agreement, including in the Attachments up to the total maximum amount specifically appropriated, encumbered, and then certified as available by the County Auditor.

7.2. Funding and Appropriations Limit. County shall have no obligation to pay for and Engineer shall have no obligation to provide any work, products, services, licenses and/or deliverables until sufficient funds are certified by the County Auditor. County intends to initially appropriate, encumber, and certify as available by the County Auditor the total maximum sum of **FIVE HUNDRED THIRTY-THREE THOUSAND**

FIFTY-SEVEN AND NO/100 DOLLARS (\$533,057.00) to pay and discharge any and all liabilities that County may incur arising out of this Agreement. Any other provision notwithstanding, County shall never be liable to pay Engineer any greater amount under this Agreement than is specifically appropriated, encumbered, and then certified as available by the County Auditor.

- 7.3. Additional Certification of Funds Authorized. The amount of purchases under this Agreement will depend on the needs and requirements of County, and the amount of other currently unfunded and/or contingent liability (such as any unfunded indemnity obligations), either currently existing or arising in the future, will depend on the obligations of County under this Agreement. Moreover, it is contemplated that additional funds will be appropriated, encumbered, and certified by the County Auditor during the term of this Agreement in order to meet the needs of County, and complete the work contemplated in this Agreement. Therefore, the County Purchasing Agent and HCED are authorized to encumber and request certification of additional funds by the County Auditor up to an additional amount of **TWO HUNDRED FIFTY-FIVE THOUSAND FIVE HUNDRED FIFTY-SEVEN AND NO/100 DOLLARS (\$255,557.00)** to pay and discharge liabilities that County may incur under this Agreement without amending or supplementing this Agreement, and such encumbrance and certification may be documented on a purchase order or on a form approved by the County Auditor. Engineer should notify HCED when Engineer has earned or received 90% of the available funds most recently certified by the County Auditor.
- 7.4. Auditor's Certification of Funds. The issuance of a purchase order pursuant to this Agreement represents certification by the Harris County Auditor that funds, in the amount of the purchase order total, are available to satisfy all financial obligations of Harris County hereunder.
- 7.5. Funding Out/Non-Appropriation. It is further understood that pursuant to Local Government Code Chapter 111, when and if the work, products, services, licenses and/or deliverables and charges provided for herein are equal to or exceed the amounts certified available, Engineer is authorized to terminate some or all of Engineer's work, products, services, licenses and/or deliverables under this Agreement unless the County Auditor certifies that additional funds are available, in which event Engineer agrees to continue to provide the products, services and/or deliverables to the extent funds are available. When all the funds certified by the County Auditor, together with any additional funds thereafter certified, are expended, County will have no further liability, and the sole and exclusive remedy of Engineer will be to immediately terminate this Agreement unless the County Auditor certifies additional funds.
- 7.6. Billing Statements/Invoices. Unless otherwise indicated in this Agreement, no later than the 10th day after the end of each calendar month within the term of this Agreement, Engineer shall submit to HCED a billing statement or invoice for all unpaid products, services and/or deliverables, along with any applicable rates, including the applicable firm fixed price and any applicable percentage completed for specific tasks/deliverables as specified in this Agreement. The data in the billing statement or invoice must be in a format designated by HCED and the County Auditor, and must include any purchase order number. An authorized agent of Engineer must certify and swear under penalty of perjury that the work was performed, the work was properly authorized in writing by HCED, and all information contained in the statement or invoice is true and correct. All products, services and/or deliverables billed must be rendered during this Agreement term. Engineer shall submit to HCED billing statements or invoices limited to work done and products, services and/or deliverables provided pursuant to this Agreement, and Engineer shall not include in such billing statements or invoices any work, products, services, licenses and/or deliverables provided, required to be performed, or billed under or pursuant to any other agreements with County. HCED will review each statement or invoice and approve it with any modifications HCED deems appropriate after mutual consultation and agreement with Engineer. HCED will then forward the approved statement or invoice to the County Auditor for payment. County will pay Engineer the proper amounts due and owing under this Agreement within thirty (30) calendar days of receipt of the approved statement or invoice to extent allowed by law. Each statement or invoice must include a monthly inventory of work, products, services, licenses and/or deliverables provided during the billing period and any other details HCED reasonably requests for verification purposes, which might include:
- (a) The date(s) work, products, services, licenses and/or deliverables were provided;
 - (b) Meetings and lists of attendees, if applicable;

- (c) Detailed description of the work, products, services, licenses and/or deliverables provided;
 - (d) The total amount billed, and any other details of the work, hours, or services as may be requested by the County Auditor;
 - (e) If applicable, the case number for which services were performed;
- 7.7. Overpayments. Within 10 calendar days after request by HCED, Engineer must reimburse to County all funds paid by County to Engineer that any funding entity or auditor determines have been improperly paid to, or expended by, Engineer. County may withhold, suspend, or reduce any and all payments due to Engineer until any overpayments are reimbursed.
- 7.8. Costs of Substitute Services. If Engineer fails to perform any of its obligations under the Agreement and County procures substitute services upon such terms as are appropriate, County shall deduct the reasonable costs for such services from any payments owed to Engineer under this or other agreements. Engineer must reimburse to County, within thirty (30) calendar days after request by County, any additional costs of such substitute services beyond what has already been deducted by County. County may also withhold, suspend, or reduce payments due to Engineer until the costs of such substitute services are reimbursed to County by Engineer. This provision is not intended to waive or preclude any other remedies the parties may otherwise have in law, equity, or elsewhere in this Agreement and is in addition to and not in lieu of any other remedies.
- 7.9. Billing Audits. County and its designee shall have the right to examine and audit all of Engineer's billings/invoices and all of Engineer's backup and support data for billings/invoices for this Agreement. Upon HCED's request, Engineer agrees to make such data and supporting documentation available to the County Auditor or designee in Harris County, Texas. Engineer shall maintain complete and accurate records necessary to fulfill any obligations in this Agreement, including a copy of this Agreement, including detailed time records identifying each person performing services that were billed on an hourly basis, the corresponding dates of the services, the applicable firm fixed price and the percentage completed for specific tasks as specified in this Agreement, any applicable hourly or cost-plus rates, the total amount billed for each person as applicable, and the total amount billed for all persons as applicable. Engineer shall maintain and make available for inspection (electronically or in Harris County during regular business hours) the Records for a minimum of four (4) years following either the end of the federal fiscal year in which any obligations were performed under this Agreement or the termination date of this Agreement (or longer if necessary to resolve any litigation, claims, financial management review, or audit findings). All payments made by County are subject to re-evaluation and refund or withholding of future payments conditioned on the results of the audit.
- 7.10. County Auditor to Make Final Decision. The decision of the County Auditor as to the amount owed shall be final if there is any dispute between County and Engineer as to the amount owed to Engineer for any monthly statement or invoice submitted by Engineer. County agrees to notify Engineer of any questionable item and is authorized to withhold payment until all questions are resolved either by final audit or by agreement of the Parties.

8. TERM OF THE AGREEMENT

- 8.1 Time Period. The time period for performance ("Term") of this Agreement shall begin June 9, 2020, and end on the later date of (a) Project completion or (b) June 8, 2021.

9. TERMINATION PROVISIONS

- 9.1 Determination of Material and Non-Material Breaches. The County Engineer shall determine whether a breach of this Agreement by either Party is material or non-material. The County Engineer's determination shall be final and binding alike on all Parties.
- 9.2 Non-Material Breaches. If either Party refuses or fails to perform any of its non-material obligations in this Agreement, the other Party may give written notice of the failure. If the breaching Party fails or refuses to cure the failure of any non-material obligation in the notice within ten (10) calendar days after notice is

given, the other Party may terminate this Agreement immediately. HCED is authorized to give notice for County.

9.3 Material Breaches.

9.3.1 Suspension. HCED may suspend this Agreement immediately for any material breach by giving a notice of suspension. As soon as the notice of suspension is received, Engineer shall discontinue all services in connection with the performance of this Agreement. HCED is authorized to suspend on behalf of County.

9.3.2 Termination. The County may terminate this Agreement for a material breach at any time by notice in writing to the Engineer.

9.4 No Waiver of Remedies. The provisions in this Section are not intended to waive or preclude any other remedies the parties may otherwise have in law, equity, or elsewhere in this Agreement. The right to terminate for a material and non-material breach is in addition to and not in lieu of any other remedies.

9.5 Termination Statement. As soon as practicable after receiving notice of termination, Engineer must submit a statement or invoice to HCED that complies with the requirements in this Agreement. This statement or invoice must show in detail the unbilled/uninvoiced services performed for County under this Agreement to the date of termination. If the payments were to be made in lump sums and services were rendered after the last lump sum payment, the statement or invoice shall reflect the prorated amount due.

9.6 Return of Documents after Termination. If permitted by law and any established ethical requirements applicable to specific professionals, Engineer shall promptly deliver to HCED all completed or partially completed work product, designs, data, information, and documents prepared under this Agreement on behalf of County. Within 2 business days after the effective date of termination, Engineer shall return to HCED all records, files, documents, notes and other items in Engineer's possession, if any, relating to any assignments or work that Engineer has undertaken or been given under this Agreement, if permitted by law and any established ethical requirements applicable to specific professionals. Engineer shall deliver to HCED all completed or partially-completed designs, drawings and specifications prepared under this Agreement, including the original electronic file format. Nothing in this section is intended to require Engineer to surrender Engineer's own records to HCED after termination.

9.7 Agreement Transition. In the event the Agreement ends by either expiration or termination, Engineer shall, at the request of the County, assist in the transition until such time that a replacement engineer can be named. Engineer acknowledges its responsibility to cooperate fully with the replacement engineer and the County to ensure a smooth and timely transition to the replacement engineer. Such transitional period shall not extend more than ninety (90) days beyond the expiration/termination date of the Agreement, or any extension thereof. During any transition period, all other terms and conditions of the Agreement shall remain in full force and effect as originally written.

10. INDEMNIFICATION

10.1 No Waiver of Governmental Immunity. County does not waive any immunity or defense on behalf of itself, its employees or agents as a result of the execution of this Agreement.

10.2 General Indemnity. To the extent allowed by law, Engineer agrees to indemnify and hold harmless County, HCED, their officers, employees, and agents from liability, losses, expenses, demands, reasonable attorneys' fees, and claims for bodily injury (including death) and property damage to the extent caused by the negligence, intentional tort, intellectual property infringement of Engineer (including Engineer's agents, employees, volunteers, and subcontractors/consultants under contract, or any other entity over which Engineer exercises control, in the performance of the services defined in this Agreement). Engineer shall also save County harmless from and against any and all expenses, including reasonable attorneys' fees that might be incurred by the County, in litigation or otherwise resisting such claims or liabilities.

11. MISCELLANEOUS

- 11.1 Notices. Any notice required to be given under this Agreement ("Notice") may be given by hand delivery or certified United States Mail, postage prepaid, return receipt requested, addressed to the Parties at the following:

ENGINEER: Anwar Zahid, PhD, PE
President
InfraTECH Engineers & Innovators, LLC
11111 Wilcrest Green Drive, Suite 410
Houston, TX 77042-6705
Email: anwar.zahid@infratech-us.com

COUNTY: John R. Blount, P.E.
County Engineer
Harris County Engineering Department
1001 Preston Street, Floor 7
Houston, TX 77002-1816
Email: AgreementInfo@hcpid.org

All other communications may be sent by electronic means or in the same manner as Notices described herein.

- 11.2 Receipt of Notice. Notice shall be considered given and complete upon successful electronic transmission or upon deposit in the United States Mail.
- 11.3 Change of Address. Each Party shall have the right to change its respective address by giving at least ten (10) days' written notice of such change to the other Party.
- 11.4 Force Majeure. Neither Party will be liable for any failure or delay in performing its obligations under this Agreement if such failure or delay is due to any cause beyond the reasonable control of such Party if such cause is generally recognized under Texas law as constituting impossible conditions. The existence of such causes of delay or failure will extend the period of performance in the exercise of reasonable diligence until after the causes of delay or failure have been removed. Each Party must inform the other in writing with proof of receipt within 10 business days of the existence of such Force Majeure event or otherwise waive this right as a defense.
- 11.5 E-Mail Addresses. Engineer affirmatively consents to the disclosure of e-mail addresses that are provided to County or HCED. This consent is intended to comply with the requirements of the Texas Public Information Act, Texas Government Code § 552.137, and shall survive termination of this Agreement. This consent shall apply to e-mail addresses provided by Engineer and any agents acting on Engineer's behalf and shall apply to any e-mail address provided in any form for any reason, whether related to this Agreement or otherwise.
- 11.6 Entire Agreement (Merger). This Agreement contains the entire agreement and understanding between the parties relating to the rights granted to and the obligations of the parties. All prior negotiations, discussions, correspondence and previous understandings are superseded by this Agreement. Any oral representation or modification concerning this Agreement shall be of no force or effect.
- 11.7 No Oral Modifications. Unless otherwise explicitly stated in this Agreement, this Agreement cannot be changed except by a written subsequent modification authorized by all parties.
- 11.8 Inducements. In making the award of this contract, County relied on Engineer's assurances and representations made in this Agreement. Any false assurances and representations by Engineer shall be immediate grounds for termination of this Agreement without prior notice at the option of County.

- 11.9 Contract Construction. The titles assigned to the various Articles of this Agreement are for convenience. Titles shall not be considered restrictive of the subject matter of any Article or other part of this Agreement. Likewise, the provisions of purpose in this Agreement are intended to be a general introduction and are not intended to expand the scope of the Parties' obligations or alter the plain meaning of the terms and conditions in this Agreement.
- 11.10 Ambiguities. Ambiguities, if any, shall not be interpreted against the drafter of this Agreement.
- 11.11 No Waiver of Default. Any waiver by either Party of one or more defaults on the part of the other Party in the performance of obligations under this Agreement is not a waiver of any subsequent defaults.
- 11.12 Remedies Cumulative. Unless otherwise specified elsewhere in this Agreement, the rights and remedies of County are not exclusive, but are cumulative of all rights and remedies that exist now or in the future.
- 11.13 No Third Party Beneficiaries. Unless explicitly provided in this Agreement, there is no intent by either Party to create or establish third party beneficiary status or rights in any third party, and no such third party shall have any right to enforce any right or enjoy any benefit created or established under this Agreement.
- 11.14 Non-Exclusivity. Unless explicitly provided in this Agreement, nothing shall prevent either Party from contracting with other parties for the provision of the same or similar services or deliverables that are contemplated by this Agreement.
- 11.15 Limited Personal Liability. Nothing in this Agreement shall be construed as creating any personal liability on the part of any officer, director, employee, or agent of County.
- 11.16 Dispute Resolution Process. The Parties will meet and confer in good faith to work together to resolve problems or disputes that may arise. In the event a dispute arises between the parties involving the provisions or interpretation of any term or condition of the Agreement, and if both parties desire to attempt to resolve the dispute prior to termination or expiration of the Agreement, or withholding payments, then the parties may refer the issue to a mutually-agreeable dispute resolution process.
- 11.17 Survivability Clause. Any provision, section, subsection, paragraph, sentence, clause or phrase of this Agreement that, by its plain meaning, is intended to survive the expiration or earlier termination of this Agreement, including indemnification provisions, shall survive such expiration or earlier termination. If an ambiguity exists as to survival, the provision shall be deemed to survive.
- 11.18 Savings/Severability Clause. If any provision, section, subsection, paragraph, sentence, clause or phrase of this Agreement, or the application of same to any person or set of circumstances, is held to be invalid, void, or unenforceable by a court of competent jurisdiction, that part of this Agreement shall be reformed, if reasonably possible, to comply with the applicable provisions of law. In any event, the remaining provisions the same shall continue in full force and effect, provided that the unenforceable or invalid provision is not material to the overall purpose and operation of this Agreement. If necessary in order to make this Agreement valid and enforceable, the Parties shall meet to confer upon an amendment or modification.
- 11.19 Time is of the Essence. Time is of the essence with respect to Engineer's performance under this Agreement, and Engineer shall perform all services diligently until completed.
- 11.20 Choice of Law. This Agreement shall be construed according to the laws of the State of Texas without giving effect to its conflict of laws provisions. Venue lies only in Harris County as per Texas Civil Practice and Remedies Code Sec. 15.015, and any alternative dispute resolution, suit, action, claim, or proceeding with respect to or arising out of this Agreement must be brought solely in the courts or locations that are situated in the State of Texas, County of Harris. Both parties irrevocably waive any claim that any proceeding brought in Harris County has been brought in an inconvenient forum.

11.21 Exhibit List. The following attachments are a part of this Agreement:


Exhibit A. Scope of Services
Exhibit B. Schedule
Exhibit C. Compensation for Professional Services
Exhibit D. Engineer Team Acknowledgments

11.22 Tax Exemption. Pursuant to Texas Tax Code §151.309, as a political subdivision, County claims exemption from sales and use taxes and will provide exemption certificates upon written request. County shall not be liable to reimburse or pay any personal property taxes, charges, or fees assessed against Engineer.

11.23 Electronic or Facsimile Signatures and Duplicate Originals. Pursuant to the requirements of the Uniform Electronic Transactions Act in Chapter 322 of the Texas Business and Commerce Code and the Federal Electronic Signatures in Global and National Commerce Act (beginning at 15 U.S.C. Section 7001), the Parties have agreed that the transactions under this Agreement may be conducted by electronic means. Pursuant to these statutes, this Agreement may not be denied legal effect or enforceability solely because it is in electronic form or because it contains an electronic signature. This Agreement may be executed in duplicate counterparts and with electronic or facsimile signatures with the same effect as if the signatures were on the same document. Each multiple original of this document shall be deemed an original, but all multiple copies together shall constitute one and the same instrument.

11.24 Signatory Authorized to Execute Agreement. The person executing this Agreement on behalf of each Party represents that he or she is duly authorized by the policy of the Party's governing body to legally obligate and execute this Agreement on behalf of the Party.

HARRIS COUNTY

By: 

Lina Hidalgo
Harris County Judge

INFRATECH ENGINEERS & INNOVATORS, LLC

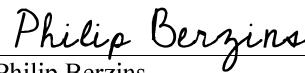
By: 

Anwar Zahid, PhD, PE
President

APPROVED AS TO FORM:

VINCE RYAN

Harris County Attorney

By: 

Philip Berzins
Assistant County Attorney
CAO File Number 20GEN1307

EXHIBIT A: Scope of Services
Zion Rd Segment 3- From East of J131-00-00 (Boggs Gully) to Hufsmith Rd –2019
UPIN# 20104MF1BC01

1. PROJECT DESCRIPTION AND LIMITS

The scope of the project is to widen the existing 2-lane 20' wide asphalt pavement (no shoulder) with roadside ditches to a 4-lane concrete curb and gutter section in 80' right-of-way (ROW) with drainage accommodations. Existing ROW width for this 0.55-mile long section is 60'. There are one public street and 10 driveways within the project limit. The intersection of Zion Road and Hufsmith Road is all-way stop controlled intersection. The proposed roadway will include a two-way-left-turn lane (TWLTL) for the entire length except at the intersection of Zion Road and Hufsmith where concrete median along with turn lanes will be provided.

Harris County Engineering Department (HCED) instructed that infraTECH Engineers & Innovators, LLC (infraTECH) prepare a scope of services to develop a complete PS&E package for this roadway project per Harris County Standards and Criteria. infraTECH's services will include engineering, field survey, subsurface investigations, geotechnical services, environmental services, hydrologic and hydraulic analysis, drainage and traffic engineering as detailed below.

2. SCOPE OF BASIC SERVICES

- Perform road design of a 4-lane concrete curb and gutter section with TWLTL along Zion Road within the limits of the project.
- Perform Sight Distance triangle exhibits/studies on intersections within the project limits and where needed.
- Perform drainage design for the project.
- Design of all public utilities of water, sanitary, fire hydrants, streetlights, fire hydrants, irrigation lines, etc. (which are not owned by County) are excluded.
- Private utility lines will be adjusted as necessary by their respective companies.
- Traffic Control Plans, (TCP) and Storm Water Pollution Prevention Plan (SWPPP) will be prepared to accomplish the construction of this project.
- Perform required surveys to accomplish the scope.
- Perform geotechnical, environmental, and hydraulics studies with reports.
- Coordination with adjacent Harris County projects will be needed and included within scope of this project.

3. PROJECT PHASES

The Scope of work for this project has been divided into the following:

- Study Phase Services
- Design Phase Services
- Bid Phase Services

All deliverables for these phases will be in accordance with all adopted Harris County Guidelines and Specifications and as presented in all Exhibits. All services will be provided following the project schedule, which should be periodically updated by infraTECH.

3.1 Study Phase

As part of the Study Phase service, a study report will be prepared outlining the findings in the field and from data collected with preliminary Plan Layout drawings (in a roll format) showing the area of recommended improvements. This report will consider the identified facets of the project and present them to the County.

3.1.1 Preliminary Design/Study Report

For this phase, infraTECH shall perform the following tasks. All designs and analyses shall be performed following HCED Standards and Guidelines.

- Attend the Study Phase meetings (alignments, survey field walk, ROW, drainage, Pre-Client) with Harris County. infraTECH will also perform a Client Presentation to the Precinct followed by Study (Pre-Design) report submittal.
- Prepare an Initial Utility Conflict Table (UCT) that will be submitted with the Survey
- Prepare Rights-of-Entry (ROE) to be used for Survey, Environmental, and Geotechnical services
- Coordinate with the subconsultants performing the services listed in the following sections
- Coordinate regularly with the design teams responsible for designing the adjacent projects
- Develop three (3) design alignments
- Prepare a study report documenting exhibits/tables for existing conditions, summary of findings and recommendations; typical sections; alignments; sight distance exhibits; preliminary cost estimates and other pertinent information.
- Assist HCED in obtaining Commissioner Court Approval
- Provide award recommendations for award of Construction Contract.

3.1.2 Survey

- Existing Right of Way (ROW) Survey (Cat 1B, Cond. II): ROW boundary survey will be performed along the proposed corridor.
- Topography and Survey Control (Cat 6, Cond II): Survey will be performed along Zion Rd from Hufsmith Rd to Easterly Bridge approach at Boggs Gully and 500' North and South along Hufsmith Rd from the intersection of Zion Rd. Survey width will extend 25' outside of proposed

ROW on each side. Additionally, survey width will be extended to 60' outside of proposed ROW in the area where transmission towers are located. Project control system will be tied system into adjoining projects along Zion Rd and Hufsmith Rd and control sheets will be provided for for 4-6 offsite control points. Survey field walk shall be performed with HCED for verification.

- Level B SUE (per ASCE guidelines): Existing utilities and pipelines within the project limit will be compiled from as-built plans, plats, and other location data provided by the utility owners. Designate, record, and mark the horizontal location of existing utility facilities using non-destructive surface geophysical techniques.
- Coordinate with the project teams performing designs of the adjacent projects

3.1.3 Geotechnical Scope of Services

All geotechnical works shall be performed following the HCFCD guidelines. The consultant shall perform the following (boring exhibit will be provided to HCED for approval prior to commencement of work):

- Conduct field exploration to characterize the subsurface conditions for the proposed pavement. Seven (7) exploratory borings will be performed to a depth of 20 feet.
- Conduct laboratory testing on the soil samples collected from the field
- Prepare a Geotechnical Report documenting the findings and recommendations

3.1.4 Environmental

The Engineer shall perform the following environmental services for the entire project (for roadway and one detention pond of size up to 5-acre) after the selection of the alignment and drainage option:

- Conduct a Phase I ESA for the subject tracts to identify, to the extent feasible, the potential for recognized environmental conditions under the processes prescribed in American Society for Testing and Materials (ASTM) E 1527-13 guidance document, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. "Recognized environmental conditions" (RECs) are defined in ASTM E 1527-13 as the presence or likely presence of any hazardous substances or petroleum products on a property that indicate an existing release, past release, or material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The Phase I ESA will include a regulatory review, field investigation, interviews with owners and a final report with findings and recommendations.
- Conduct a formal aquatic resource delineation (i.e., tributaries, wetlands and other waters) to identify and map all aquatic resources located within the proposed project corridor and 5-acre detention pond site. The field effort and approach will follow requirements outlined by the USACE. Identification of potential jurisdictional waters will be based on the routine determination methodology published in the *Corps of Engineers Wetlands Delineation Manual* (1987) and most recent guidance provided by the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coast Region, Version 2.0* (2010). Information pertinent to site conditions will be collected to determine the extent of waters of the U.S. acreage and linear feet of streams within the Project boundary. A technical report will be completed with the results of delineations. Deliverables will also include wetland shape files. One (1) 1 CD with report, AJD

forms, and shape files.

- Conduct a desktop background literature and records review of existing cultural resources information within the proposed Project corridor and 5-acre detention pond site and an additional study area comprising a 0.5-mile radius around the Project boundary. The purpose of this review will be to identify and assess the potential for encountering cultural resources (archeological and historic properties) that might be adversely affected by the Project activities. A consultation letter presenting the results of the desktop review will be presented to the Texas Historical Commission (THC) with a request to initiate coordination under the Antiquities Code of Texas (ACT).
- Conduct threatened and endangered species habitat assessments using the U.S. Fish and Wildlife Service (USFWS) and Texas Parks and Wildlife Department (TPWD) threatened and endangered species list(s). The field visits to identify presence of preferred habitat for threatened and endangered species shall be conducted concurrently with Environmental basic services task 2, above. A technical report will be completed with the results of the habitat assessment.

3.1.5 Hydrology & Hydraulics (H & H)

The Engineer shall perform the tasks below following HCFCD procedures:

- Existing Conditions Analysis: The Engineer shall perform existing conditions hydrology for the project site for the 2-year, 10-year, 100-year, and 500-year storm events based on HCFCD Interim Guidelines and Criteria for Atlas 14 Implementation. The Engineer will also modify FEMA effective model to reflect current conditions based on field survey to include existing cross-drainage culvert at Zion Road.
- Development of Drainage Alternatives: The Engineer shall compute proposed conditions flow rates and runoff hydrographs for project site for the 2-year, 10-year, 100-year, and 500-year storm events based on HCFCD Interim Guidelines and Criteria for Atlas 14 Implementation. After exploring various options, the Engineer shall develop three (3) alternatives to mitigate potential impacts due to proposed roadway improvements. A FEMA-studied stream crosses the existing roadway without a cross-drainage structure. A cross-drainage structure will likely be needed for this crossing. The alternatives will identify the potential impacts to the downstream and will proposed mitigation measures.
- Perform Hydraulic Modelling: After selecting a final option from the three (3) mentioned above, the Engineering shall Model this option to satisfy HCFCD drainage criteria associated with HCFCD Interim Guidelines and Criteria for Atlas 14 Implementation.
- 25% Betterment Analysis: The Engineer shall perform an additional study for a 25% drainage improvements for the top three (3) options mentioned above.
- Prepare Drainage Report: The Engineer shall prepare a Drainage Report documenting the results of the analyses above and the recommendations for the proposed improvements.
- CLOMR Preparation: The Engineer shall prepare topographic work map, annotated FIRM Panel, and CLOMR submittal package for HCFCD unit J131-01-00 and associated cross-

culvert extension and/or replacement.

- Coordinate with the design teams of the adjacent projects and consider the impact of these projects on the project.

3.1.6 Traffic Engineering

The Engineer shall perform Sight Triangle Evaluation following the HCED criteria for the intersection of Zion Road and Cabotway Road.

3.1.7 Deliverables

Study Phase deliverables are presented in Exhibit: Study Phase Deliverable Scopes and Checklists.

3.2 Design Phase

infraTECH will prepare bid ready design plan package at Final Design First Submittal with the following included but not limited to:

- Title sheet, vicinity map and general construction notes.
- Benchmark descriptions and sheet index, express review sheet
- Survey Control Sheets
- Typical Roadway Section
- Pavement Plan and Profile sheets
- Intersection Grading Plan as applicable
- Standards and Miscellaneous Details
- Traffic Control Layout Plans and notes. There will be a TCP meeting in which we will present the concepts and implement feed backs from HCED Traffic Operations division
- Pavement Marking & Signing Layout.
- Traffic Signal design at intersections as per TxMUTCD and Harris County Standards will be prepared, if warranted.
- A Storm Water Pollution Prevention Plan will be prepared per HC standards
- Prepare SWQMP report and submit to HCED if needed
- Provide and submit copy of all original drawings in PDF format, 11x17 and 22x 34 sizes.
- Revised Cost Estimate from Study Phase (Pre- Design) Phase
- Project Manual including but not limited to technical specifications
- All applicable permits, Local, State and Federal will be performed by the HCED (County)

Final Design Second and Third Submittals will be made, only if necessary, to address comments and provide any clarifications upon review of the First Submittal by the County.

The first submittal will be all deliverables, ready to be bid but without Engineer's seal for submitted to the County.

All design and documentation shall comply with all Harris County adopted guidelines and specifications.

Throughout the design phase, infraTECH will coordinate with the consultants performing designs for the adjacent sections.

Design drawings shall be prepared with Microstation DGN format using Microstation software and shall be consistent with the level structure as provided by Harris County. Computer files containing all design drawings required for the Project shall accompany the final PDF files.

3.3 Bid Phase

Bid Phase services will include the following:

- Attend Pre-Bid Conference and assist HCED in conducting conference.
- Assist in the preparation of any Addenda to interpret, clarify, and amend the Contract Documents. This may include additional notes, minor revisions to plans and specifications.
- Evaluation of bids to provide award recommendations.

4. SCOPE OF OPTIONAL SERVICES

infraTECH will provide Optional Services on an as-needed basis. These services may include:

4.1 Detention Pond

The Engineer shall conduct/provide the following:

- Design services/construction plans for an off-site detention pond
- Category 6, Condition II Topography survey for Pond Area
- Geotechnical exploration and prepare a geotechnical report for the pond
- Level A Sue for various depths, as needed.

4.2 Sidewalk Design

The Engineer shall design sidewalks for the entire length of the project. Sidewalk and curb ramps, if any, will be included in the roadway plan & profile sheets. A detail sheet will be prepared, if necessary.

4.3 Proposed ROW Takings (Cat. 1A, Cond. II.)

- 4.3.1 Metes and Bounds: The Engineers shall provide a Metes and Bounds Description and Survey for each ROW taking.
- 4.3.2 Staking of Proposed ROW: The Engineer shall stake proposed ROW every 50' for clearing purposes

4.4 Regional Permit Package

Following the field surveys and report preparation, the Engineer shall evaluate the potential impacts of the proposed Project and prepare the necessary permit applications. It is anticipated that the proposed Project would be eligible for authorization under Regional Permit SWG-2011-00629 (Section 14 Linear Transportation Projects).

4.5 Cultural Resources Pedestrian Survey

Should it be determined that cultural resources investigations are required for the project, a permit is required for archeological investigations under the ACT. The cultural resource survey methodology (subject to approval by the appropriate regulatory agencies) employed during the investigation would include 100 percent of the 25-foot survey corridors north and south of Zion Road. The cultural resources survey would include two transects of pedestrian survey and shovel testing (one north of the existing right-of-way and one to the south). Shovel testing for the 5-acre site shall follow the Council of Texas Archaeologists (CTA) standards. The engineer will prepare written reports summarizing the methods and findings of the cultural resources investigation, if necessary. These reports will contain all relevant information on the regional cultural setting of the Project, the results of the desktop file review (C. Environmental i.3, above), survey results, as well as site assessment and mitigation/avoidance recommendations. Digital copies of all reports, GIS data, and final permits/clearances from the USACE (as necessary) and THC will be provided to the client in a digital format. The reports will meet the THC and federal reporting regulations and standards. Once the draft report is accepted by the THC, The Engineer will curate all Project-generated photographs, paperwork, shapefiles, and reports with a certified curatorial facility in accordance with the ACT. This cost does not include mechanical deep testing (e.g., backhoe trenching) or establishing the boundary of buried sites, or additional reporting, testing, artifact curation or coordination thereof. A formal scope would be coordinated with THC and a supplemental cost estimate would be provided to HCED.

4.6 Phase II Environmental Site Assessment (ESA)

If the Phase I ESA suggests potential environmental contamination on a Project property, then a Phase II Limited Subsurface Investigation will be conducted. The Phase II ESA will consist of the following: testing the surface water, groundwater, and/or soil samples for the presence of contaminations such as petroleum, volatile organics, and heavy metal compounds; and drafting a detailed report of the methodology, findings and conclusion. The scope includes three temporary groundwater wells to a maximum depth of 30 ft. One groundwater sample and two soil samples will be collected from each of the three locations. The temporary wells will be plugged and abandoned as part of this field effort. Additionally, we will complete three additional soil probe locations collecting a maximum of two samples per location down to a total depth of 10 ft. Samples will be sent to the lab for testing for VOCs, TPH, and RCRA metals with a 7-day turnaround time. Additional analytical needs, if required, are dependent on the findings of Phase 1 ESA and are not included in this proposal.

4.7 Traffic Services

- 4.7.1 Traffic Signal Warrant Analysis: The Engineer shall perform a traffic signal warrant analysis

(TSWA) for the intersection of Zion Road at Hufsmith Road based on existing and future conditions. A 14- hour turning movement count as well as 24-hour approach volumes will be collected to be utilized by the TSWA. A formal report will be written to document the results of the TSWA and submitted to Harris County. The Engineer shall perform left-turn signal phasing analysis (FYA).

- 4.7.2 Traffic Signal Design: Should the results of the TSWA warrant installation of a traffic signal, The Engineer shall prepare signal plans for the intersection of Zion Road at Hufsmith Road following HCED Guidelines. The Engineers shall meet with the HCED and Utility Company representatives with a 50% layout submittal (SOLS meeting).

Exhibit: Study Phase Deliverable Scopes and Checklists

Alignment Meeting: The purpose of the alignment meeting is to evaluate 3 alternatives and the existing alignment. The alternatives need to be evaluated using the current Harris County Geometric Design Guidelines. Objectives to be achieved during the Alignment meeting include impacts the alignment alternatives have on the Right of Way, existing structures such as signals, utilities, and property, environmental impacts and impacts to existing and proposed drainage. The EOR will go over specific scoping items for preparation of the Drainage Meeting at the end of the alignment meeting. Below are the deliverables that the EOR shall prepare and provide during the Alignment Meeting:

- 34" Wide Roll Plot containing the following information:
 - Plan View (1" = 40') (Color Code each alternative)
 - Alignment Alternatives, include horizontal alignment data for each alternative
 - Curve Data on the Schematic
 - Proposed Planimetrics (Back of Curb, Medians, Turn Lanes, Etc)
 - Aerial Photography
 - Existing ROW
 - Potential Proposed ROW
 - Outfall Structures
 - Provide distance of any structure or significant permanent feature (i.e. cell tower, etc.) within 25' of the proposed ROW
 - Notate the amount of parking spot eliminated from a business if applicable
- Typical Section of the proposed design

Once the alignment is finalized, the EOR may proceed with the Sight Triangle Analysis at all cross streets.

Drainage Meeting: The purpose of the drainage meeting is to go over the alternatives that the EOR has come up with for the drainage of the project. If the survey is not in a state to use yet then utilize LiDAR information to develop your profiles. The EOR may request available LiDAR information from the County for the project limits. This meeting will be to review the following design elements for each alternative in order to select an option in preparation for the Drainage Report:

- | | |
|---|------------------------------|
| • Overall Drainage Area | • Flood Plain Mitigation |
| • Preliminary Trunk line Sizing | • FEMA Flood Map Review |
| • Preliminary Ditch Sizing | • Critical Utility Conflicts |
| • Detention Requirements (Both In-line and Offsite) | • Preliminary Profile Review |

Below are the deliverables that the EOR shall prepare and provide during the Drainage Meeting:

- 34" Wide Roll Plot containing the following information:
 - Plan View (1" = 40')
 - Proposed Planimetrics (Back of Curb, Medians, Turn Lanes, Etc)
 - Aerial Photography
 - Existing ROW
 - Potential Proposed ROW

- Outfall Structures
- Location of Proposed Ditches
- Location of Storm Sewer Trunkline
- Locations of potential Detention Sites
- Profile View
 - Existing Roadway Profile Grade Line (PGL)
 - Existing ROW Profile Grade Lines
 - Outfall Structures
 - Preliminary Proposed PGL – this is to show that grades can be maintained, and drainage can be taken to the ultimate outfall

Construction Sequencing Meeting: The purpose of this meeting is to discuss and agree upon the construction sequencing, overall construction zone and the temporary drainage as needed. Emphasis on the determination and location of non-mandatory and mandatory Temporary Construction Easements (TCEs). Below are the deliverables that the EOR shall prepare and provide for the Construction Sequencing Meeting:

Construction Sequencing Deliverables:

- 34" Wide Roll Plot containing the following information:
 - Plan View (1" = 40')
 - Proposed Planimetrics (Back of Curb, Medians, Turn Lanes, Etc)
 - Aerial Photography
 - Existing ROW
 - Potential Proposed ROW
 - Construction Sequencing Patterns to illustrate Phasing
 - Preliminary TCP Typical Sections
 - Temporary Drainage Structures
 - Existing Utilities
- Word Narrative of the Construction Sequencing for the project including temporary drainage

ROW Meeting: The purpose of this meeting is to discuss and agree upon the necessary ROW that is needed to be purchased for the project. The decisions made in the previous meetings are the final steps to going into detail the needs for ROW. The discussion will be focused on a parcel per parcel analysis on the needs for ROW acquisition. Below are the deliverables that the EOR shall prepare and provide during the ROW Meeting:

ROW Deliverables:

- 34" Wide Roll Plot containing the following information:
 - Plan View (1" = 40')
 - Proposed Planimetrics (Back of Curb, Medians, Turn Lanes, Etc)
 - Aerial Photography
 - Existing ROW including easements
 - Potential Proposed ROW
 - Proposed Detention Ponds

- Potential abandonments
- Outfall Structures and other utilities impacted by ROW
- Temporary Construction Easements (mandatory and non-mandatory)
- Parcel Data
 - Provide distance of any structure or significant permanent feature (i.e. cell tower, etc.) within 25' of the proposed ROW line to assess damage
 - Provide proposed taking area amount and the area amount to remain. Note the amount of parking spot eliminated from a business if applicable
- Topographical Survey Data
- Existing Metes & Bounds
- Proposed UVEs and Corner Clips

Utility Coordination Meeting: The purpose of this meeting is to begin the identification of any utility conflicts within the project limits. At this point in the project we should have had the surveyor do an 811 call to tone the utilities and collected that information as well as collected contact information on all surface utility markers. We have also set our alignment, a preliminary profile and the location and size of the storm sewer trunkline if applicable. The EOR will provide the Preliminary Utility Conflict Matrix for review. Below are the deliverables that the EOR shall prepare and provide during the Utility Coordination Meeting:

- 34" Wide Roll Plot containing the following information:
 - Plan View (1" = 40')
 - Proposed Planimetrics (Back of Curb, Medians, Turn Lanes, Etc)
 - Aerial Photography
 - Existing ROW
 - Proposed ROW
 - Proposed Detention Ponds
 - Outfall Structures
 - Temporary Construction Easements
 - Parcel Data
 - Topographical Survey Data
 - Existing Metes & Bounds
 - Existing Utilities with potential conflicts identified
 - Locations of recommended SUE test holes
 - Profile View
 - Existing Roadway Profile Grade Line (PGL)
 - Existing ROW Profile Grade Lines
 - Outfall Structures
 - Preliminary Proposed PGL – this is to show that grades can be maintained, and drainage can be taken to the ultimate outfall
 - Pipeline profiles (if available)
 - Utility profiles (if available)

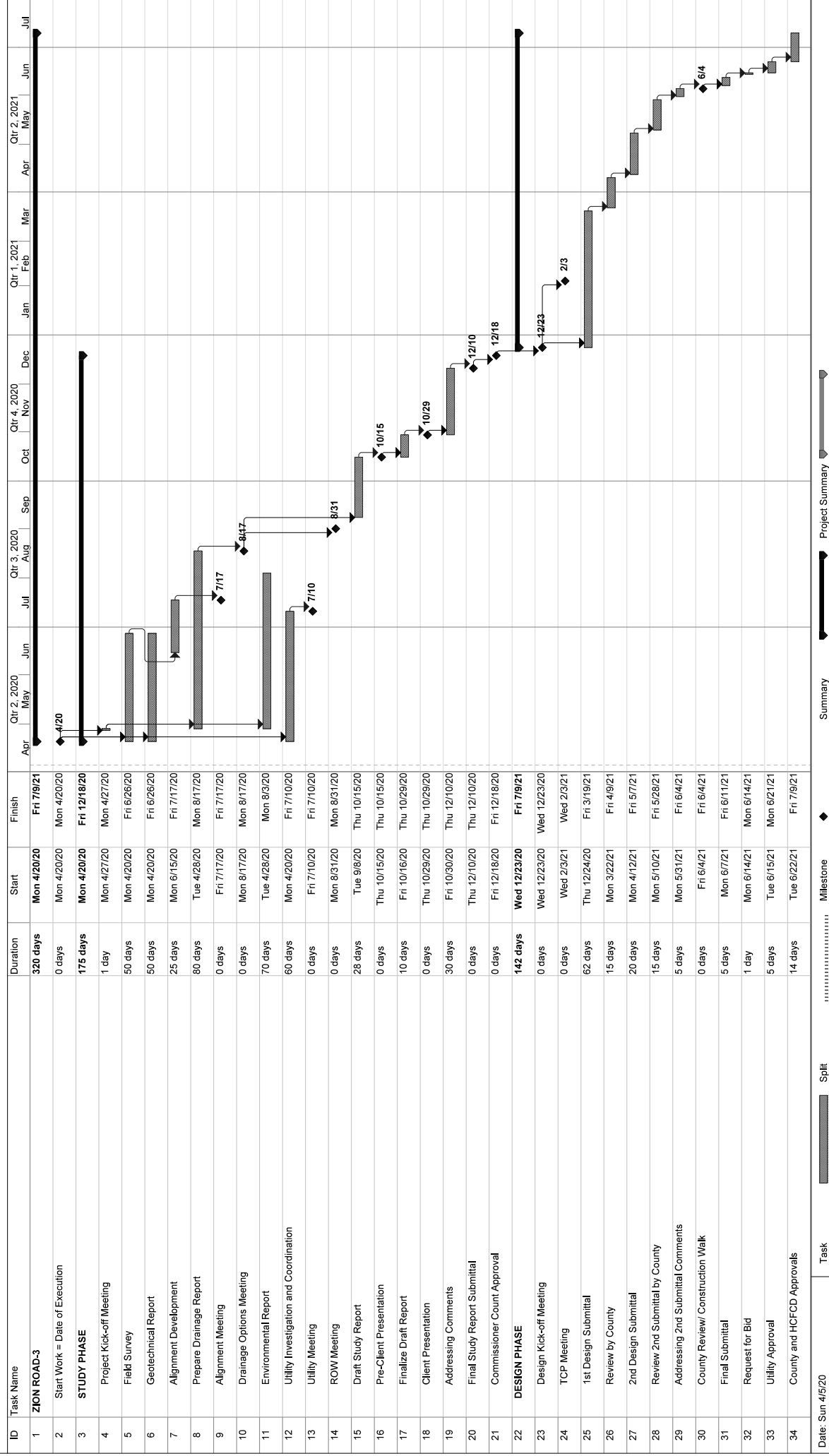
- Utility Conflict Matrix

Client Presentation: The Client Presentation Meeting is used to sum up the findings of all the previous meetings into a final presentation. The EOR will provide a presentation with graphical aids to convey to the Client the overall design concepts from the Study Phase and recommendation to move to the Final Design Phase. At this point, the engineering design should be 30%-50% complete and ready to be moved from a schematic roll plot to a construction plan set with one subsequent submittal for comment during the design phase before signed/sealed documents.

- 34" Wide Roll Plot summarizing all the data gathered in the previous meetings showing both plan and profile
- Presentation (i.e. Powerpoint, Presi, Etc.)
- Handouts of the presentation
- UCT

Exhibit B

Project Name: Zion Rd Segment 3- From East of J131-00-00 (Boggs Gully) to Hufsmith Rd - 2019
UPIN# 20104MF1BC01



Date: Sun 4/5/20 Task Split Milestone Summary Project Summary

InfraTECH ENGINEERS & INNOVATORS, LLC

****Provided dates for the start of the Pre-Engineering Design Phase and Design Phase are for estimating purposes and are dependent on HCED issuing NTP. Estimated Bid Phase duration is anticipated for 90 days and is dependent on HCED issuing NTP.**

"EXHIBIT C" - Compensation for Professional Services
Project Name: Zion Rd Segment 3
Project Limits: From East of J131-00-00 (Boggs Gully) to Hufsmith Rd
UPIN: 20104MF1BC01
Construction Cost Estimate: \$3,496,000

1 Pre-Design Phase		(Fixed Fees)
		\$65,535.00
2 Design Phase		\$142,139.00
3 Bid Phase		\$3,820.00
4 Survey		
Existing ROW Maps	\$44,305.00	
Topography Survey, Survey Control, SUE Services	\$63,195.00	
Survey Coordination	\$10,750.00	
		\$118,250.00
5 Geotechnical Report		
Roadway	\$31,214.00	
Geotechnical Coordination	\$3,121.00	
		\$34,335.00
6 Environmental		
Phase 1 Environmental Assessment	\$5,160.00	
Wetlands Determination & Delineation	\$9,384.00	
Cultural Resources Desktop Review	\$2,626.00	
Threatened Endangered Species Survey	\$2,096.00	
Environmental Coordination	\$1,927.00	
		\$21,193.00
7 Drainage		
Additional Drainage Analysis using Atlas 14 Rainfall Data	\$88,690.00	
Analysis and determination of additional 25% Detention volume using Atlas 14 Rainfall data	\$6,620.00	
CLOMR Preparation	\$24,425.00	
Drainage Coordination	\$11,974.00	\$9,531.00**
		\$131,709.00
8 Traffic		
Sight Triangle Evaluation	\$2,364.00	
Signing & Pavement Marking Design	\$6,822.00	
Traffic Coordination	\$919.00	\$236.00**
		\$10,105.00

Subtotal Basic Services (1-8):		\$527,086.00
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9 Optional Additional Services		(Fixed Fees)
(fixed fee and includes 10% sub-consultant coordination fee)		
Design Services for off-site Detention Pond*	\$24,840.00	
Geotechnical Exploration for Off-Site Detention Pond*	\$23,562.00	
Topographic Surveying for Off-Site Detention Pond*	\$8,800.00	
Level A SUE- price per Pothole (0 to 4 ft)	\$4,290.00	\$1,600/acre
Level A SUE- price per Pothole (> 4 to 8 ft)	\$4,950.00	2 @ \$2145/Pothole
Level A SUE- price per Pothole (>8 to 12 ft)	\$5,666.00	2 @ \$2475/Pothole
Sidewalk Design	\$8,695.00	2 @ \$2833/Pothole
Proposed ROW MB & Survey	\$47,520.00	
Proposed ROW Staking at 50' Interval	\$11,880.00	18 @ \$2,640/Parcel
Regional Permit Package	\$8,039.00	18 @ \$660/Parcel
Cultural Resources Pedestrian Survey	\$14,423.00	
Phase II ESA (1 REC Site)	\$24,200.00	
Floodplain Mapping	\$7,084.00	
GIS Database	\$3,520.00	
Traffic Signal Warrant Study	\$7,973.00	
Traffic Signal Design	\$31,086.00	
Changes in Drawings	\$25,000.00	
* Based on one 5-acre pond		

Partial Funded Amount: **\$533,057.00**

(See highlighted items and note below)

**Partial funded amount for task

Encumber **\$533,057.00** not to exceed the total contract amount of **\$788,614.00**

\$261,528.00

TOTAL SERVICES (BASIC & OPTIONAL ADDITIONAL)

\$788,614.00



EXHIBIT D: ENGINEER TEAM ACKNOWLEDGMENTS

Zion Rd Segment 3- From East of J131-00-00 (Boggs Gully) to Hufsmith Rd - 2019
UPIN# 20104MF1BC01

The following is the group of providers selected to perform the obligations described in the Agreement.

1. Prime: infraTECH Engineers & Innovators, LLC
2. Surveying: Brown & Gay Engineering (BGE)
3. Environmental: Brown & Gay Engineering (BGE)
4. Traffic Engineers, Inc.
5. H & H: HDR
6. Geotechnical: ATSER

The Engineer understands that it is solely responsible and liable to County for the completion of all obligations under the Agreement.

ORDER OF COMMISSIONERS COURT

The Commissioners Court of Harris County, Texas, met in regular session at its regular term at the Harris County Administration Building in the City of Houston, Texas, on June 09, 2020, with all members present except none.

A quorum was present. Among other business, the following was transacted:

ORDER AUTHORIZING AGREEMENT BETWEEN HARRIS COUNTY AND INFRATECH ENGINEERS & INNOVATORS, LLC FOR PROFESSIONAL ENGINEERING SERVICES

Commissioner Ellis introduced an order and moved that Commissioners Court adopt the order. Commissioner A. Garcia seconded the motion for adoption of the order. The motion, carrying with it the adoption of the order, prevailed by the following vote:

	Yes	No	Abstain
Judge Lina Hidalgo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comm. Rodney Ellis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comm. Adrian Garcia	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comm. Steve Radack	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comm. R. Jack Cagle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The meeting chair announced that the motion had duly and lawfully carried, and this order was duly and lawfully adopted. The order adopted follows:

IT IS ORDERED that:

1. The Harris County Judge is authorized to execute the attached Agreement between **Harris County and InfraTECH Engineers & Innovators, LLC** for Professional Engineering Services. The attached Agreement, including any addendums, may be executed with an electronic or facsimile signature. The Harris County Engineering Department is authorized to request the Harris County Purchasing Agent to expend up to **\$533,057.00** in consideration of the work, products, services, licenses and/or deliverables provided under this Agreement. The County Purchasing Agent and Harris County Engineering Department are authorized to encumber and request certification of additional funds by the County Auditor up to an additional amount of **\$255,557.00** without having to amend or supplement this Agreement.
2. The Harris County Engineering Department and all other Harris County officials and employees are authorized to do any and all things necessary or convenient to accomplish the purpose of this Order.

Presented to Commissioners Court

June 9, 2020

Approve: **E/G**

Exhibit B – List of PO's

HCNTY-0000014058	<u>Zion Rd Segment 3 - from east of J131-00-00 (Boggs Gully) to Hufsmith Rd - 2019 - Consultant - Design Phase</u>	InfraTECH Engineers & Innovators, LLC	07.09.2020	Closed	Consultant/Contract
HCNTY-0000048181	Zion Rd Segment 3 - from east of J131-00-00 (Boggs Gully) to Hufsmith Rd - 2019 - Consultant - Design Phase	InfraTECH Engineers & Innovators, LLC	04.08.2022	Approved	Consultant/Contract

ORDER OF COMMISSIONERS COURT

Authorizing execution of a Mutual Termination Agreement

The Commissioners Court of Harris County, Texas, convened at a meeting of said Court at the Harris County Administration Building in the City of Houston, Texas, on _____, 2022 with all members present except _____.

A quorum was present. Among other business, the following was transacted:

ORDER AUTHORIZING EXECUTION OF A MUTUAL TERMINATION AGREEMENT BETWEEN HARRIS COUNTY AND INFRATECH ENGINEERS & INNOVATORS, LLC, REGARDING THE PROFESSIONAL ENGINEERING SERVICES

Commissioner _____ introduced an order and made a motion that the same be adopted. Commissioner _____ seconded the motion for adoption of the order. The motion, carrying with it the adoption of the order, prevailed by the following vote:

Vote of the Court	<u>Yes</u>	<u>No</u>	<u>Abstain</u>
Judge Hidalgo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comm. Ellis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comm. Garcia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comm. Ramsey, P.E.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comm. Cagle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The County Judge thereupon announced that the motion had duly and lawfully carried and that the order had been duly and law-fully adopted. The order thus adopted follows:

IT IS ORDERED that County Judge is authorized to execute for and on behalf of Harris County, a Mutual Termination Agreement by and between Harris County and InfraTECH Engineers & Innovators, LLC. The Mutual Termination Agreement is incorporated herein by reference for all purposes as though fully set forth word for word.

All Harris County officials and employees are authorized to do any and all things necessary or convenient to accomplish the purpose of this Order.