

THE STATE OF TEXAS §
 §
COUNTY OF HIDALGO §

PROFESSIONAL SERVICES AGREEMENT
C-21-0697-09-28

THIS AGREEMENT (“Agreement”) is made and entered on this 28th day of September 2021, by and between **HIDALGO COUNTY, TEXAS (“County”)**, and **L&G Consulting Engineers**, (“Engineer”).

W I T N E S S E T H:

WHEREAS, the County is in need of **Professional Engineering Services** (the “Services”) for the **“Mile 1 East Project (Business 83 N to Mile 8)”**;

WHEREAS, the County has determined that the services of a professional engineering company are necessary to carry out the required Services;

WHEREAS, pursuant to Texas Government Code Chapter 2254 (the “Texas Professional Services Procurement Act”), the County requested Statements of Qualifications from professional engineering firms to assist the County by providing the Services;

WHEREAS, the County solicited Requests for Qualifications (“RFQ”) for the development and establishment of a yearly pool for “Professional Engineering Services”;

WHEREAS, the Engineer was pre-qualified from the County’s pool of Professional Engineers and has been selected from the pool to provide Professional Engineering Services for the **“Mile 1 East Project (Business 83 N to Mile 8)”** in Hidalgo County Precinct. No. 1 (“County”), in accordance with the terms and provisions of **Exhibit “A”**, i.e., Requirements/County’s Request for Qualifications, attached hereto and incorporated by reference herein;

WHEREAS, the County shall provide a “Scope of Services to be provided by Owner” detailed in **Exhibit “B”**, attached hereto and incorporated by reference herein, and the selected Engineer shall submit a “Project Specific Scope of Services to be provided by Engineer” detailed in **Exhibit “C”**, attached hereto and incorporated by reference herein;

WHEREAS, in continuation of the procurement process and in response to the County's request to negotiate for a fair and reasonable price pursuant to Chapter 2254 Texas Government Code, the Engineer has provided a fee schedule in **Exhibit "D"**, i.e., Contract Rates, attached hereto and incorporated by reference herein as; and

WHEREAS, the County has determined that the services of a Professional Engineer are required.

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

1. County and Engineer hereby agree that this Agreement is entered into in order to provide the Services for Hidalgo County. This contract does not extend to any third parties any duties or benefits conferred in any manner hereunder or otherwise.

2. Scope of services to be provided by the Owner are detailed in the attached Exhibit "B". The County will furnish Specifications to Engineer for the development of the project(s) and fulfillment of this Agreement. Engineer agrees to review the project as presented by the County and submit to the County within fourteen (14) days of receipt of the Specifications, a proposal and a work authorization. The proposal shall include, but not be limited to, the following: (1) fee structure for the project; (2) services included in the basic fee; (3) amount of, or basis for, compensation for additional services (including additional services that may arise during the course of the project and cost of Engineer's consultants); and (4) cost for reimbursable expenses (collectively the "Engineering Services Proposal");

3. The County may enter into negotiations with the Engineer regarding the Engineering Services for the "**Mile 1 East Project (Business 83 N to Mile 8)**", and should the parties reach an agreement, then the Engineer will submit a "**Work Authorization**", an example of which is attached hereto and incorporated by reference herein as **Exhibit "E"**, to the County for approval and execution. The Work Authorization will detail the Engineer's duties and responsibilities with respect to the specific project. Project Specific services to be provided by the engineer are detailed in the attached **Exhibit "C"**. However, if the parties are unsuccessful at coming to terms with the project, then the County may seek the services of other professional engineers.

4. Engineer agrees in performing the Services that it will use proper professional standards, comply with any and all appropriate laws and regulations in providing the Services, and devote such time as is necessary to safely and efficiently provide the Services.

5. **Non-Exclusive Services of Engineer.** Hidalgo County reserves the right to request these services from sources other than the Engineer and shall not be in violation of any terms or conditions of this Agreement.

6. **Term.** This Agreement is for a period of **one (1) year**, effective **September 28, 2021**, and will terminate **September 27, 2022**, or unless sooner terminated as provided herein. The Engineer will not begin to work or incur costs until authorized in writing by the County with Project Specific “**Work Authorization**”.

7. **Compensation and Work Authorizations.** The maximum amount payable under this Agreement shall not exceed the amount for each “**Work Authorization**”, unless an amendment is executed as provided hereinafter. The Engineer shall submit periodic requests for payment within (30) thirty days after completion of each **Work Authorization**. The request for payment shall be made using forms acceptable to the County and shall show the total amount earned to the date of submission and the amount due and payable as of the date of the current billing. Upon receipt of said request for payment, County shall submit a requisition for payment for said Services in the customary manner provided for payments utilized by Hidalgo County, Texas. Engineer agrees to separately account for the receipt and/or expenditure of funds received pursuant to this Agreement and to keep accurate books and records of all such receipts and/or expenditures. All payments to the Engineer shall be mailed to the address shown in Paragraph No. 28, titled “**Notices**” herein.

8. **Inspection of Work.** The County has the right at all reasonable times to inspect or otherwise evaluate the work performed hereunder and the premises in which it is being performed. If any inspection or evaluation is made on the premises of the Engineer, or of a subcontractor, the Engineer shall provide and require its subcontractor to provide all reasonable facilities and assistance for the safety and convenience of the inspectors in the performance of their duties. All inspections and evaluations shall be performed in such a manner as will not unduly delay their work.

9. **Amendments.** If it becomes necessary at any time during this Agreement to change the scope of services, the Agreement period, the maximum amount payable, the complexity, or the

character of this Agreement, then an amendment shall be executed within the agreement period by use of a “**Supplemental Agreement Form**”, more particularly described in **Exhibit “F”**, attached hereto and incorporated by reference herein. The County retains the right to reject any such amendment proposed by the Engineer. Any such amendments shall be made in writing, agreed to by all parties hereto, and duly executed before the end of the Agreement as specified. If the County finds it necessary to require changes in completed work because of errors made by the Engineer, the County shall require the Engineer to correct the work at no cost to the County and without amendment to the Agreement. If the changes are made at the request of the County and are not due to errors of the Engineer, the County will reimburse the Engineer for the additional work at the same rate of pay established in **Exhibit “D”**, i.e., “Contract Rates”. If payment for the additional work will cause the maximum amount payable under this Agreement to be exhausted, an amendment shall be proposed in accordance with all state procurement laws.

10. Reporting. The Engineer shall promptly advise the County in writing of events which have a significant impact upon the Agreement, including:

a. Problems, delays, or adverse conditions which will materially affect the ability to meet time schedules and goals, or preclude the attainment of project work units by established time periods. This disclosure shall be accompanied by a statement of the action taken or contemplated if any by the County or if Federal Funds are involved, Federal assistance is needed to resolve the situation.

b. Favorable developments or events which enable meeting time schedules and goals to be met sooner than anticipated or which are producing more work units than originally projected.

11. Ownership of Documents. Upon completion or termination of this Agreement, all documents prepared by the Engineer or furnished to the Engineer by the County shall be delivered to and become the property of the County. All sketches, photographs, calculations, and other data prepared under this Agreement shall be made available, upon request, to the County without restriction or limitation on their further use. The Engineer shall not be liable for the reuse or modification of its work product. The Engineer may, at its own expense, have copies made of the documents or any other data furnished to the County under this Agreement.

12. Suspension of Work. Should the County desire to suspend the work under this Agreement, but not terminate this Agreement, the County shall provide thirty (30) calendar days

verbal notification to Engineer, followed by written confirmation from the County to Engineer to that effect. The thirty-day notice may be waived as agreed in writing by both the County and Engineer to that effect. The work under this Agreement may be reinstated and resumed in full force and effect within sixty (60) days of receipt of written notice from the County to the Engineer. The sixty-day notice may be waived if agreed in writing by both the County and Engineer. If the County suspends the work, the Termination Date as identified above is not affected and this Agreement will terminate on the date specified.

13. Progress and Coordination. The Engineer shall, from time to time during the progress of the work, confer with the County. The Engineer shall prepare and present such information as may be pertinent and necessary, or as may be requested by the County, in order to evaluate features of the Engineer's services and work.

At the request of the County or the Engineer, conferences shall be provided at the Engineer's office, the offices of the County, or at other locations designated by the County. These conferences shall also include evaluation of the Engineer's services and work when requested by the County.

All applicable study reports shall be submitted in preliminary form for approval by the County before the final report is issued. The County's comments regarding the Engineer's preliminary report will be addressed by the Engineer in the final report.

If funds by other agencies or entities are to be used for the development of any project awarded under this Agreement, the Engineer's Services and work will be subject to periodic review and approval by other agencies or entities, including those of the city, county, state and/or federal agencies.

Should it be determined that the progress in the production of the Engineer's Services and work does not satisfy the requirements of the approved **Work Authorization**, as provided by **Exhibit "E"**, the County shall review the approved **Work Authorization** with the Engineer to determine the corrective action needed by either the County or the Engineer.

The Engineer shall promptly advise the County in writing of events which have a significant impact upon the progress of the Engineer's Services and work and the approved **Work Schedule**, including:

a. problems, delays, adverse conditions which will materially affect the ability to attain Agreement objectives, prevent the meeting of time schedules and goals, or preclude the timely completion and submittal of Project deliverables by the Engineer within established time periods; this disclosure will be accompanied by a statement by the Engineer of recommended or immediate action taken, or contemplated, and any Owner or other agency or entity assistance needed to resolve the situation: and

b. Favorable developments or events which enable meeting the **Work Schedule** goals sooner than anticipated.

14. Independent Contractor. Engineer must comply with all applicable Hidalgo County policies and with any applicable federal, state, or local laws, regulations, orders, or ordinances applicable to the Services provided by Engineer under this Agreement. Notwithstanding the foregoing sentence, Engineer represents and maintains that it is an Independent Contractor and is not an employee of Hidalgo County, Texas or any agency thereof, and represents and warrants that it does not desire or request any fringe benefits provided to employees of Hidalgo County, Texas, and/or any agency thereof, including, but not limited to benefits associated with Hidalgo County's civil service program. Engineer agrees to be responsible for any federal income tax, withholding, or social security tax liability that might arise from payments received hereunder.

15. Subcontracting and Assignment. The Engineer shall not assign, sub-contract, or transfer the Engineer's interest in this Agreement without the prior written consent of the County. The Engineer shall bind every subcontractor by written contract to observe all the terms of this Agreement to the extent that they may be applicable to each subcontractor. No subcontractor relieves the Engineer of any responsibilities under this Agreement.

16. Voluntary Termination. County may terminate this Agreement at any time for any reason or no reason at all upon giving thirty (30) days prior written notice to the Engineer.

17. Insurance. Consistent with its status as an independent contractor and at its sole expense, Engineer agrees that throughout the duration of the work under this contract and any extension thereof, it shall provide and maintain in full force and effect any and all insurances which may be necessary for providing Services or are otherwise required by law, and shall require of all its sub-consultants connected with providing services under this contract to provide insurance in full force and effect as well. Insurance policies shall cover, but are not limited to,

Engineer's activities and all persons, vehicles, equipment, and property connected with providing Services, including but not limited to professional liability insurance covering Engineer's activities in providing the services to the County. Coverage shall be in the amounts specified by the County in the Request for Qualifications ("RFQ") or as prescribed by law, but in no event shall any amount be less than the minimum amounts prescribed by the Texas Tort Claims Act, §100.001, et seq., Texas Civil Practices and Remedies Code. Engineer shall furnish to the County certificate(s) of insurance and all renewals throughout the duration of any assigned Project on an Accord form, issued by the insurer that such insurance is in full force and effect. **See attached Exhibit "G", i.e., Certificates of Insurance**, attached hereto and incorporated by reference herein. For each applicable policy, Engineer shall name the County as an additional insured. Engineer shall notify the County a minimum of thirty (30) days in advance of cancellation of all or part of a policy. Engineer shall make any other insurance documentation available to the County upon request.

18. Licenses. As a condition of this Agreement, Engineer shall hold and maintain throughout the term of this Agreement all licenses and permits required, or which may be required by any authority during the term hereof to provide the required Services. If such license or permit is suspended or revoked, this Agreement shall automatically be terminated and the Engineer shall immediately notify the County.

19. All trucks or vehicles operated by the Engineer to perform the Services shall contain all equipment required by any authority to operate on streets and roads and all persons in the employ of Engineer who operate such trucks or vehicles shall have the required licenses, qualifications, skill and expertise to perform such Services and shall comply with all laws, rules and regulations prescribed by any agency or authority having jurisdiction with regard to the operation of such trucks or vehicles in providing the Services. Engineer shall provide a sufficient number of trucks, vehicles, personnel and equipment available to safely and efficiently provide the Services.

20. Payment of Franchise Tax. The Engineer hereby certifies that the Engineer is not delinquent in Texas franchise tax payments, or that the Engineer is exempt from, or not subject to, such tax. A false statement concerning corporation's franchise tax status shall constitute grounds for termination of the Agreement at the sole option of the County.

21. No Assignment. Except as otherwise provided herein, Engineer may not assign the obligations or rights under this Agreement to any person without the prior written consent of County.

22. Conflict. Nothing in this Agreement shall be construed so as to require the commission of any act contrary to law, and whenever there is any conflict between any provision of this Agreement and any present or future law, ordinance or administrative, executive or judicial regulation, order, or decree, or amendment thereof, contrary to which the parties have no legal right to Agreement, the latter shall prevail, but in such event, the affected provision or provisions of this Agreement shall be modified only to the extent necessary to bring them to the legal requirements and only during the time such conflict exists. In case anyone, or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

23. Termination by County. If Engineer fails to deliver quality Services, fails to achieve the defined goals, outcomes, strategies, and outputs required by County, or if Engineer fails to comply with any conditions in this Agreement, the County shall have the right to terminate this Agreement upon giving ten (10) days prior written notice to Engineer.

24. No Waiver. No waiver by County of any breach of any provision of this Agreement shall be deemed to be a waiver of any preceding or succeeding breach of the same or any other provision hereof.

25. Entire Agreement. This Agreement contains the entire agreement between the parties hereto, and each party acknowledges that neither has made (either directly or through an agent or representative) any representations or agreements in connection with this Agreement not specifically set forth herein. This Agreement may be modified or amended only by agreement in writing executed by County and Engineer, and not otherwise.

26. Venue. This Agreement shall be construed under and in accordance with the laws of the State of Texas, and all obligations of the parties created hereunder are performable in Hidalgo County, Texas. The Engineer hereby consents to personal jurisdiction in Hidalgo County, Texas.

27. INDEMNIFICATION. ENGINEER SHALL INDEMNIFY AND HOLD HARMLESS COUNTY, ITS ELECTED OFFICIALS, EMPLOYEES, AND AGENTS FROM ANY AND ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES INCLUDING REASONABLE ATTORNEY'S FEES FOR THE DEFENSE OF ANY ACTION AGAINST COUNTY TO THE EXTENT ARISING OUT OF, RESULTING FROM, OR CONNECTED WITH THE NEGLIGENT PROVISION OF THE SERVICES BY ENGINEER UNDER THIS CONTRACT. SAID INDEMNITY SHALL COVER ANY INTENTIONAL MISCONDUCT, NEGLIGENT ACT, OR FAILURE TO ACT BY THE ENGINEER, ITS AGENTS, OR EMPLOYEES. THIS INDEMNIFICATION CLAUSE SHALL SURVIVE THIS AGREEMENT AND BE ENFORCEABLE AS A SEPARATE AGREEMENT IN THE EVENT ITS SURVIVAL AND ENFORCEMENT BECOME NECESSARY.

28. Notices. Except as may be otherwise specifically provided in this Agreement, all notices, demands, requests, or communications required or permitted hereunder shall be in writing and shall either be (i) personally delivered against a written receipt, or (ii) sent by a registered or certified mail, return receipt requested, postage prepaid and addressed to the parties at the addresses set forth below, or at such other addresses as may have been specified by written notice delivered in accordance herewith:

If to County: County of Hidalgo
Attention: County Judge
100 E. Cano, 2nd Floor
Edinburg, Texas 78539

CC: Precinct No.1
Attn: David L. Fuentes, Commissioner
Address: 1902 Joe Stephens, Ste. 101
Weslaco, TX 78599

If to Engineer: L&G Consulting Engineers
Attn: Jacinto Garza
Address: 2100 W Expressway 83
Mercedes, TX 78570

Each notice, demand, request, or communication which shall be delivered or mailed in the manner described above shall be deemed sufficiently given for all purposes at such time as it is personally delivered to the addresses or if mailed at such time as it is deposited in the United States mail.

29. Additional Documents. The parties hereto covenant and agree that they will execute such other and further instruments and documents as are or may become necessary or convenient to effectuate and carry out the terms of this Agreement.

30. Binding Agreement. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, legal representatives, successors, and assigns where permitted by this Agreement.

31. Gender. All pronouns used in this Agreement shall include the other gender, whether used in the masculine, feminine or neuter gender and the singular shall include the plural whenever and as often as may be appropriate.

32. Authority. The execution and performance of this Agreement by County and Engineer have been duly authorized by all necessary laws, resolutions, or corporate action, and this Agreement constitutes the valid and enforceable obligation of County and Engineer in accordance with its terms.

33. Professional Seal. All documents and data furnished by the Engineer to the County shall bear the Professional seal of a licensed engineer employed by the Engineer.

34. Commitment of Current Revenues Only. In the event that, during any term hereof, the Commissioners Court does not appropriate sufficient funds to meet the obligations of County under this Agreement, County may terminate this Agreement upon thirty (30) days written notice to Surveyor. County agrees, however, to use reasonable efforts to secure funds necessary for the continued performance of this Agreement. The parties intend this provision to be a continuing right to terminate this Agreement at the expiration of each budget period of County. *Agreements for the acquisition, including the lease of real or personal property under Tex. Loc. Govt. Code §271.903:* In the event that during any term hereof the Commissioner's Court does not appropriate sufficient funds to meet the obligations of County under this agreement, County may terminate the Agreement upon thirty (30) days written notice to Surveyor. County agrees, however, to use a best efforts attempt to obtain and appropriate funds for payment of the Agreement. The parties intend this provision, if applicable, to be a continuing right to terminate this Agreement at the expiration of each budget period of County in accordance with Tex. Loc. Govt. Code §271.903 (Vernon Supp. 1966).

35. Immunities. Nothing in this Agreement intended to, and County does not hereby waive, release, or relinquish any right to assert any of the defenses County enjoys by virtue of the

state or federal constitution, laws, rules or regulations, and any sovereign, official or qualified immunity available to County as to any claim or action of any person, entity, or individual against County.

36. Nondiscrimination. Engineer, including subcontractors, assignees, and successors in interest, ensures that no person shall on the grounds of race, religion, color, national origin, sex, age, or disability, or any other protected class under law, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination or retaliation in any federally or non-federally funded program or activity when providing any services described herein under this Contract. Applicable nondiscrimination statements and provisions of Title VI of the Civil Rights Act of 1964, as amended, were provided as part of the initial procurement packet and are incorporated herein and made part of this agreement for all purposes.

37. Required Contract Provision for Contracts Subject to Federal Award (if applicable). Pursuant to 2 CFR 200.236, a non-federal entity's contracts must contain the applicable provisions described in Appendix II to 2 CFR 200-Contract Provisions for non-Federal Entity Contracts under Federal Awards. Additionally, County contracts under Federal award which are subject to assistance from the Federal Emergency Management Agency (FEMA) are also required to contain additional contract clauses. The applicable required contract clauses were provided as part of the initial procurement packet and are incorporated herein and made part of this agreement for all purposes.

[Signature page to follow]

EXECUTED as of the day and year first written above.

APPROVED BY COMMISSIONER’S COURT ON: _____, 2021.

COUNTY OF HIDALGO

By: _____
Hon. Richard F. Cortez, County Judge

ATTEST:

By: _____
Arturo Guajardo, Jr., County Clerk

**ENGINEER:
L&G Consulting Engineers**

By: _____
Print Name: _____
Title: _____

APPROVED AS TO FORM
Office of the Criminal District Attorney,
Ricardo Rodriguez, Jr.

By: _____
Robert Viña III,
Assistant District Attorney

- ATTACHMENTS:**
- EXHIBIT A** -Requirements/County’s Request for Qualifications
 - EXHIBIT B** -Scope of Services to be provided by Owner
 - EXHIBIT C** -Project Specific Scope of Services to be provided by Engineer
 - EXHIBIT D** -Contract Rates
 - EXHIBIT E** -Work Authorization Form
 - EXHIBIT F** -Supplemental Agreement Form
 - EXHIBIT G** -Certificates of Insurance



**HIDALGO COUNTY
PROCUREMENT PACKET**

**Request for Qualifications
RFQ No. 2020-565-03-10-HGO**

“PROFESSIONAL ENGINEERING SERVICES POOL”

**Acceptance Due Date:
Wednesday, March 10, 2021 at 3:00pm**

Martha L. Salazar, CPPB, Purchasing Director
Hidalgo County Purchasing Department

Project Contact Information:

Heidi G. Ortiz, Contract Specialist III
(956) 318-2626 Ext. 4877
heidi.ortiz@co.hidalgo.tx.us



2802 S. Bus. Hwy 281
Edinburg, Texas 78539
Phone: (956) 318-2626
Fax: (956) 318-2629
www.co.hidalgo.tx.us/purchasing

February 24, 2021

Company Name

Authorized Representative

Address

City

State, Zip Code

**HIDALGO COUNTY
REQUEST FOR QUALIFICATIONS: RFQ NO. 2020-565-03-10-HGO
Professional Engineering Services Pool**

Dear Prospect Vendor:

Hidalgo County Purchasing Department welcomes and appreciates your participation in this project.

Enclosed please find the procurement packet for the aforementioned project. Modifications and new requirements have been added and implemented. Please ensure to carefully read and review all instructions, requirements and specifications.

The items listed on the Table of Contents shall be found in this procurement packet that is attached herewith. Should you find that any of the listed items are not attached in their entirety, please contact the Contract Specialist listed on the cover page to advise of the missing documentation, and it will be emailed to you.

If any further assistance is required, please do not hesitate to call the Purchasing Department.

Sincerely,

Martha L. Salazar, CPPB
Hidalgo County Purchasing Director
P.P. Heidi G. Ortiz
Contract Specialist III

NOTICE OF INTENT TO RESPOND

In order for Hidalgo County to assess the potential interest in a solicitation, please check one of the statements below and submit to the Contract Specialist listed below, prior to the deadline of this solicitation. In the event that the Offeror chooses not to submit a response for this solicitation, the Hidalgo County Purchasing Department is interested in the reasons why Vendors have chosen not to participate in order to better serve the taxpayers of Hidalgo County.

Company Name: _____ **Contact Person:** _____
Telephone: _____ **Email:** _____

RE: RFQ No. 2020-565-03-10-HGO
Professional Engineering Services Pool

Please indicate your reason(s) by checking all applicable items and return this form to the address shown below.

- We intent to respond to this solicitation.
 - We decline to respond to this solicitation because:
 - Could not meet specifications.
 - Items or materials requested not manufactured by us.
 - Items or materials requested not available to our company.
 - Insurance requirements are too restricting.
 - Bond requirements are too restricting.
 - The scope of services are not clearly understood or applicable (too vague, too rigid, etc.).
 - The project is not suited to our organization.
 - Quantities are too small.
 - Insufficient time allowed for preparation of response.
 - Other (please specify): _____
-
-

Please send your response to:

Via Postal Mail:
Hidalgo County Purchasing Department
ATTN: Heidi G. Ortiz
2802 S. BUS HWY 281
Edinburg, TX 78539

Via e-mail:
TO: Heidi G. Ortiz, Contract Specialist III,
heidi.ortiz@co.hidalgo.tx.us
CC: Betsy Roque, Division Manager,
betsy.roque@co.hidalgo.tx.us

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This procurement packet includes the components marked below. If the item is not checked, it is not applicable to this solicitation. Offerors are asked to review the documentation to be sure that all applicable parts are included. If any portion of the documentation is missing, notify the Purchasing Department immediately. Offeror should be thoroughly familiar with all of the following items applicable to this procurement packet before submitting a response.

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PROCUREMENT OVERVIEW

PROCUREMENT OVERVIEW

THE RESPONDENT IS RESPONSIBLE FOR READING AND UNDERSTANDING ALL DOCUMENTS, FORMS, SPECIFICATIONS, AND INSTRUCTIONS WITHIN THIS ENTIRE DOCUMENT. Follow all instructions; you are responsible for obtaining any information needed in order to respond to this RFQ. Further, the Respondent is responsible for providing any and all relevant information necessary to establish qualifications of the Firm. Failure to do so will be at the Respondent's risk, and may result in rejection of the qualification as non-conforming.

General Requirements apply to all advertised solicitations; however, these may be superseded, whole or in part, by OTHER DATA CONTAINED HEREIN. Review the Table of Contents. Be sure your proposal package is complete.

INTRODUCTION

Hidalgo County (hereinafter referred to as “COUNTY”) is seeking qualified firms interested in providing comprehensive professional services as part of our 2021 Professional Services Pools. Qualified Respondents may then be engaged from the pool to provide professional services on an “As Needed Basis” or on a “Project-Specific Basis”. Sealed qualifications will be received for “Hidalgo County (including all funding sources, programs, and entities) “Professional Engineering Services Pool”, in accordance with the requirements attached hereto as **Appendix “A”**. Inclusion into the specified Pool is based on qualifications and other factors as herein set forth. The qualifications should address all requirements. Respondent may suggest substitutions of features which they feel would be in the best interest of COUNTY; however, a strong rationale must be presented for any deviation from the requirements. COUNTY reserves the right to reject the deviation and its effect on the overall qualification.

Hidalgo County is requiring all submitted qualifications are to remain firm for a minimum of ninety (90) days after the RFQ opening.

AWARD

Hidalgo County anticipates accepting all qualified firms to our Pool. No award can be made until approved by Hidalgo County Commissioners Court. This RFQ does not obligate Hidalgo County to the eventual purchase of any product and/or service described, implied or which may be proposed. Progress toward this end is solely at the discretion of Hidalgo County, and may be terminated at any time prior to execution of an agreement.

TERM OF POOL

The term of this pool shall be for a period of one (1) year, commencing on March 26, 2021 and end on March 25, 2022. The information provided in this Request for Qualification (hereinafter referred to as “RFQ”) is only to be used for the purpose of preparing a submission for the above referenced pool.

GENERAL REQUIREMENTS

One (1) original and two (2) USBs in original PDF format. Further instructions listed below under **VENDOR INSTRUCTIONS**. For convenience, the Offeror may utilize the Shipping Label provided in **Appendix “N”**.

SUBMISSION DEADLINE AND BID OPENING

All submissions must be received on or before Wednesday, March 10, 2021 at 3:00pm. **Any submission received after this deadline will not be accepted and will be returned to sender.**

BID OPENING STREAMING

Due to the ongoing pandemic, and in order to abide with social distancing protocols and/or any applicable order(s), the Hidalgo County Purchasing Department is limiting the number of participants allowed in our office during bid openings to authorized personnel only; however, this is a public bid opening and it can be accessed via a live stream or by calling in the day of the event.

Live stream:

<https://hidalgocounty.zoom.us/j/86543871112?pwd=UmlGREFPWXNpNlVFRS9pWjFlcUQwUT09>

Meeting ID: 865 4387 1112

Passcode: 413036

Dial by your location: +1 346 248 7799 US (Houston)

To find your local number: <https://hidalgocounty.zoom.us/u/kcEzSIJvRl>

Join by SIP: 86543871112@zoomcrc.com

HAND DELIVERED BIDS

Hidalgo County requires submitters, when hand delivering bids, to make sure that it is stamped with date and time by the Hidalgo County Purchasing staff.

ELECTRONIC TRANSMISSION OF SUBMISSION

Hidalgo County Purchasing Department will not accept telegraphic or electronically transmitted submissions.

DELIVER TO:

US Postal Mail Address:

Martha L. Salazar, CPPB, Purchasing Director
ATTN: Heidi G. Ortiz
Hidalgo County Purchasing Department
Administration Building
2812 S. Business Hwy 281
Edinburg, Texas 78539

Physical Address:

Martha L. Salazar, CPPB, Purchasing Director
ATTN: Heidi G. Ortiz
Hidalgo County Purchasing Department
Administration Building
2802 S. Business Hwy. 281
Edinburg, Texas 78539

SIGNING OF SUBMISSION

In order to be considered, all submittals **must** be signed by an authorized representative of the firm. **Please sign the original in [blue](#) ink and ensure the copy is clearly labeled.**

QUESTIONS AND ANSWERS

Questions must be submitted via email to heidi.ortiz@co.hidalgo.tx.us by **Wednesday, March 03, 2021 at 5:00 P.M.** Responses to submitted questions will be emailed to all participants who obtained their procurement packet directly from Hidalgo County Purchasing Department by **Friday, March 05, 2021.** Telephone inquiries will not be accepted.

RESTRICTIVE OR AMBIGUOUS REQUIREMENTS

It is the responsibility of the submitter to review the procurement packet and to notify the Hidalgo County Purchasing Department if the requirements are formulated in a manner that would unnecessarily restrict competition, or clarification on any requirements that are ambiguous. Any such protest or question regarding the requirements or bidders procedures must be received in writing via email by the deadline stated for Questions and Answers.

COST OF SUBMISSION

Hidalgo County will not be liable for any costs incurred by the vendor in preparing a response to this procurement packet. Each Offeror acknowledges it is submitting a response at their own risk and expense. Further, no reimbursement for such charges or expenses shall be passed onto Hidalgo County. Hidalgo County makes no guarantee that any products or services will be purchased as a result of this solicitation, and reserves the right to reject any and all submissions received. All responses and accompanying documentation will become the property of Hidalgo County. All responses are open to negotiation.

WAIVING OF INFORMALITIES

Hidalgo County reserves the right to waive minor informalities or technicalities when it is in the best interest of Hidalgo County.

NOTICE OF COMMUNICATION

All communications by a vendor to the county, its officials, and department heads regarding this procurement shall be done through the Hidalgo County Purchasing Department. No vendor, its representative, agent, or employee shall engage in private communication with a member of the Hidalgo County Commissioners Court or county department heads regarding any procurement of goods or services by the County from the date that this procurement packet is released. No private communication regarding the purchase shall be permitted until the procurement process is complete and a purchase order is granted or a contract is entered into "Private Communication" means communication with any vendor outside of a posted meeting of the governing body, a regular meeting of a standing or appointed committee, or negotiation with a vendor which has been specifically authorized by the governing body.

VENDOR INSTRUCTIONS

Responses to this procurement packet shall be formatted and organized in the following order for consistency and easy screening:

- All submissions must be typed, single spaced, and printed single-sided on 8 ½" by 11" paper.
- One (1) original, **clearly marked "ORIGINAL"** and two (2) USBs in PDF format. Original document must be submitted in a three-ring, loose-leaf binder with a Cover Page containing the information listed in the Submission Outline/Checklist, under Submission Cover Page. One (1) USB containing the complete response in PDF, Word, and/or Excel format must be provided and placed in the ORIGINAL response. The PDF document must also be signed. A self-adhesive packet may be used to secure the USB. The USB must also be properly labeled.
- The complete response must be sealed in an appropriately sized envelope or box for delivery to the Hidalgo County Purchasing Department, per instructions in the Procurement Packet Submission paragraph of the Legal Notice section contained within this procurement packet.
- All documents must be labeled with the vendor's name and the RFQ number. Any response received by the Hidalgo County Purchasing Department that is not identified on the outside with the RFQ number will be at risk for rejection.
- Each section of the vendor's response should start on a new page. A tabbed divider page marked with the section number should be used to separate each section.
- Prepare a Table of Contents for the response being submitted and place it after the Submission Cover Sheet and before Section I. The Table of Contents must list Sections I-VII and the contents of each section as listed in **Appendix "A"**.
- The binder must be in the order listed in the Submission Outline/Checklist below.

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SUBMISSION OUTLINE/CHECKLIST

To assist in ensuring all submissions received are complete, it is recommended for the Offeror to use this Submission Outline as a Checklist prior to submitting a response. All Responses must be submitted in the following order with the guidelines provided in Vendor Instructions within this section of this solicitation:

_____ **Submission Cover Sheet** - Must include the following:

- Company Name, Company Address, Company Phone Number
- Project Name: Sealed Submission for 2021 Pools of Professional Services
- Procurement Number: RFQ No. 2020-565-03-10-HGO – Engineering Services
- Opening Date: Wednesday, March 10, 2021
- Opening Time: 3:00pm

_____ **Table of Contents**

_____ **Section I: Required Documents (signed and filled) and Executive Summary**

- _____ • **Executive Summary** - The summary should include:
 - Company name and address; name, title, email, telephone and fax number of person(s) to be contacted for clarifications or additional information regarding proposal;
 - Name, title, email, telephone and fax number of person(s) authorized to contractually obligate vendor's company with proposal and any future negotiations; and
 - Understanding of the Project
- _____ • **Legal Notice Acknowledgement**
- _____ • **Appendix "B" – Areas of Specialization**
- _____ • **Appendix "C" – Insurance Requirements**
 - Proof of Insurance
 - Insurance Requirement Acknowledgement
 - Project Requirements Acknowledgement
- _____ • **Appendix "D" – Conflict of Interest Questionnaire**
 - CIQ Form – Copy of County Clerk File with fee receipt (when applicable)
 - Form 1295
- _____ • **Appendix "E" – Vendor Forms**
 - Vendor Application
 - HUB Declaration
 - W-9
- _____ • **Appendix "F" – Certification Regarding Debarment**
 - Signed Certification
 - SAM.gov Registration Acknowledgement
- _____ • **Appendix "H" – Contracts Under Federal Award 2 – CFR 200**
 - Byrd Anti-Lobbying Contract Clause
 - 2 CFR 200 Certification
- _____ • **Appendix "J" – Respondent's Affidavit**
- _____ • **Addenda (when applicable; see Addenda under Legal Notice)**

_____ **Section II: Vendor Information**

_____ **Section III: Vendor Experience and Qualifications**

_____ **Section IV: Scope of Services and Narrative of Proposed Services**

_____ **Section V: Legal Documents**

_____ **Section VI: Miscellaneous**



LEGAL NOTICE

LEGAL NOTICE

These General Provisions are considered standard language for an Offeror (hereinafter referred to as “Offeror”, “Vendor”, “Respondent”, or “Contractor”) submitting a response for a Request for Bids, Proposals, Qualifications or other solicitation (hereinafter referred to as “Procurement Packet”) made by the County of Hidalgo (hereinafter referred to as “Hidalgo County” and “County”).

It is the Offeror’s sole responsibility to be in compliance of all federal, state, and local laws, requirements, rules, codes, ordinances, and regulations applicable to their proposed goods and/or services. It is the Offeror’s sole responsibility to be in compliance of all federal, state, and local laws, requirements, rules, codes, ordinances, and regulations applicable to their proposed goods and/or services. In the event of any conflict between the terms and provisions of these requirements and the specifications, the specifications shall govern. In the event of any conflict of interpretation of any part of this overall procurement packet, Hidalgo County’s interpretation shall govern.

The following is a link to all adopted Hidalgo County policies (<https://www.hidalgocounty.us/805/County-Administrative-Policies>), which for all purposes, when applicable whether specified explicitly, is incorporated by reference as part of this procurement packet and any resulting agreement.

- 1. ACCEPTANCE OF SUBMISSION.** Receipt of the submission shall under no circumstance obligate Hidalgo County to accept the response, or make an award. The Offeror is responsible for obtaining any information needed in order to respond and for all costs of submitting its response. An Offeror’s submitted response is to remain firm for a minimum of ninety (90) days after opening.
- 2. ACCESS TO RECORDS.** In special circumstances, Vendor may be required to allow duly authorized representatives of Hidalgo County, or the state and federal government access to contracts, books, documents, and records necessary to verify the nature and extent of the cost of services provided by Vendor. Vendor must keep records within Hidalgo County or note in their submission that records will be available within the boundaries of Hidalgo County to those representatives within one (1) business day of request by the County.
- 3. ACCOUNT CREATION FOR PAYMENT.** Upon award and prior to execution of a contract, Offeror shall cooperate with and submit any required information to the Hidalgo County Auditor’s Office in order to establish an account with the County for payment, including information requested on the Vendor Application, **Appendix “E”** on this procurement packet. This information must be on file with the Hidalgo County Purchasing Department and the Hidalgo County Auditor’s Office. Failure to provide this information may result in a delay in payment and/or back-up withholding as required by the Internal Revenue Service.
- 4. ADDENDA.** When specifications interpretations, amendments, corrections or changes are revised, the Hidalgo County Purchasing Department will issue an Addendum addressing the nature of the change. All released Addenda will be e-mailed to all point of contact(s) who are known to have received or requested a copy of the procurement packet directly from the Hidalgo County Purchasing Department. Offeror must **sign in blue ink and include it in the returned submission package.**
- 5. ASSIGNMENT.** The successful Offeror shall not assign, sell, transfer, convey, or otherwise transfer its rights under any awarded contract, in whole or in part, without the prior written consent of County of Hidalgo County Commissioners Court or other applicable governing body.
- 6. AWARD.** Hidalgo County reserves the right to award this contract on the basis determined on the Procurement Overview, and when applicable, listed on **Appendix “B”**, in accordance with the laws of the State of Texas, to waive any formality or irregularity, to make awards to more than one Offeror, and to reject any or all submissions received. After Hidalgo County Commissioners’ Court approves an award, and the awarded Contractor defaults in meeting the general requirements and/or specifications in complying with the contract agreement, Hidalgo County reserves the right to seek the services of the next lowest bidder(s) and/or qualified Offeror(s). In such event, Hidalgo County shall charge the Awarded Vendor the difference for any additional cost of such item. Hidalgo County reserves the right to add or delete items during the term of the contract under the same rates and conditions.

In the event the lowest dollar Offeror meeting specifications is not awarded a contract, the Offeror may appear before the Commissioners Court, or other applicable governing body and present evidence concerning their responsibility after officially notifying in writing via email **and** certified mail to the Hidalgo County Purchasing Director, 2802 S. BUS HWY 281, Edinburg, TX 78539, (956) 318-2626, martha.salazar@co.hidalgo.tx.us; "Carbon Copy:" and "Attention To:" the Contract Specialist listed on the cover page of this procurement packet of their intent to appear.

7. **COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS.** The County will search a database maintained by the Texas State Comptroller. A contract may not be entered into with an entity that is identified therein. Search results shall be incorporated for all purposes as part of any resulting agreement entered into by the parties. The Offeror shall follow all federal, state, and local laws, requirements, rules, codes, ordinances, regulations and Hidalgo County Policy & Procedures applicable to their proposed goods and/or services, including, but not limited to those addressed within this procurement packet, the resulting agreement and the following:

7.1 Attestation Terrorist Organizations - TEX. GOVT. CODE CH. 2252. Pursuant to the Texas Government Code, including but not limited to Chapter's 2252, 806 and 807, the Offeror warrants, represents, certifies and attests that, by submitting a response to this procurement packet and/or at the time of execution of this Contract, Agreement, or supplemental agreement thereafter, neither the Offeror, nor any wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of the same (i) engages in business with Iran, Sudan, or any foreign terrorist or (ii) is a company listed by the Texas Comptroller of Public Accounts.

7.2 Breach of Ethics. Contracts awarded hereunder shall be in compliance with Tex. Loc. Govt. Code Chapter 171: Regulation of Conflicts of Interest of Officers of Municipalities, Counties and Certain Other Local Governments.

It shall be a breach of ethics to offer, give, or agree to give any elected official, department head or employee, or former elected official, department head or employee, of the County, or for any elected official, department head or employee or former elected official, department head or employee of the County, to solicit, demand, accept or agree to accept from another person, entity or organization, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, preparation or any part of a program requirement or purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter pertaining to any program requirement or a contract or subcontract, or to any solicitation or response to a request therefore pending before any department or agency of the County.

It shall be a breach of ethics for any payment, gratuity or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor for any contract for the County, or any person associated therewith, as an inducement for the award of a subcontract or order.

7.3 Bonds. If this procurement packet requires submission of bid bond or proposal guarantee, and performance and payment bonds, an explanation of these requirements will be detailed on the Projects Requirements Acknowledgement listed in **Appendix "C"**. Responses submitted without the required bond or cashier's checks may be deemed unresponsive, thus disqualified from participation.

7.4 Boycott Israel Verification - TEX. GOVT. CODE 2270. In accordance with the Texas Government Code, including but not limited to Chapters 2270 and 808, a company, other than a sole proprietorship, with ten or more full time employees is required to certify in writing that it does not boycott Israel and will not boycott Israel during the term of the Contract, if the Contract has a value of \$100,000 or more.

7.5 Certification Regarding Debarment, Suspension Ineligibility, and Voluntary Exclusion. The Offeror warrants and represents by execution of an award from their response to this procurement packet that it is not debarred, suspended, or otherwise excluded from or ineligible for participation in any

Federal programs, or state assistance, as described under Executive Order 12549, “Debarment and Suspension.” The Offeror agrees to include this certification in all contracts between itself and any subcontractors in connection with the services performed under any subsequent Contract or Agreement arising from this award. The Offeror also acknowledges that it is their sole responsibility to immediately notify Hidalgo County, in writing, if they or a subcontractor is not in compliance with Executive Order 12549 during the term of this contract. Further, Offeror agrees to refund Hidalgo County for any payments made to the contractor while ineligible. Pursuant to federal regulation 45 CFR Part 76, the Offeror is required to furnish a certification or acknowledgement stating that they are free from suspension and debarment through registration on System for Award Management at www.sam.gov with their response.

7.6 Davis-Bacon Act/Hidalgo County Adopted Prevailing Wage Rate. When applicable, in accordance with Texas Government Code, Chapter 2258, as well as any other applicable laws, any Contractor or Subcontractor performing contracts in excess of \$2,000, for the construction, alteration, or repair (including painting and decorating) of public buildings or public works must pay their laborers and mechanics employed under the contract no less than the locally prevailing wages and fringe benefits for corresponding work on similar projects in the area as per the Davis Bacon Act or the rates adopted by Hidalgo County.

7.7 Disclosure of Conflict of Interest.

7.7.1 As an Offeror. Pursuant to Texas Local Government Code, Chapter 176, an Offeror must disclose an interest between the Offeror, the Offeror’s employees and any Hidalgo County employees arising from relationships within the first degree of consanguinity or affinity. A financial interest arises if the County’s elected official, department head, or employee, or a member of their family, received any gifts valued in excess of \$250 during the preceding twelve (12) month period, or employment of any County’s elected official, department head, or employee, or the County official’s family member.

The Offeror shall not use funds to directly or indirectly pay any person for influencing or attempting to influence any County employee or official in connection with the awarding of any contract or the extension, continuation, renewal, amendment or modification of any contract.

7.7.2 Certificate of Interested Parties (Form 1295). Hidalgo County cannot enter into a contract until Form 1295 is submitted, as Texas law, including, but not limited to Tex. Govt. Code Ch. 2252, Title 1 Tex. Ethics Comm. Rules – Title 1, sec. 46 and the Tex. Admin. Code, requires all parties who enter into any contract with the County which must be approved by its governing body, (hereinafter referred to as “Commissioners Court”) to disclose all interested parties. Form 1295 must be completed in its entirety through the Texas Ethics Commission at the following website: https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm prior to awarding the Contract. Failure to do so may result in delay of award, or deem your response unresponsive, thus disqualified from participation.

7.7.3 Collusion. The Offeror affirms that by responding to any solicitation made by Hidalgo County, it has not communicated directly or indirectly the response made to any competitor or any other person engaged in such line of business. Any or all responses may be rejected if the County believes that collusion exists among the Offerors, and/or the County believes prices provided by the Offerors are inappropriately unbalanced. Respondent’s Affidavit (**Appendix “J”**) must be included in the response.

7.7.4 Consultants Excluded from Competition. An outside Consultant or Contractor is prohibited from submitting a response for goods or services requested on a Hidalgo County project of which the Consultant or Contractor was a designer or other previous contributor, assisted in developing or drafting specifications, requirements, statements of work, or requests for goods and/or services must be excluded from competing for such procurements. If such, a Consultant or Contractor submits a response, that response shall be prohibited, and disqualified on the basis of conflict of interest, no matter when the conflict is discovered by Hidalgo County.

7.7.5 Disclosure of Interested Parties (Form CIQ). Offeror must fully disclose the existence of any relationships as defined above in its response to this procurement packet. The Conflict of Interest Questionnaire (CIQ), attached hereto as **Appendix “D”**, must be filed with the Hidalgo County Clerk, located inside the Hidalgo County Courthouse, at 100 N. Closner, Edinburg, TX 78539 no later than the seventh business day after the date the person becomes aware of facts that require the statement to be filed. **Completion and submission of Form CIQ is the sole responsibility of the Offeror.** Additionally, the Offeror must immediately notify Hidalgo County if the information provided in its response changes at any time.

7.7.6 Disclosure to Report Lobbying. When applicable, pursuant to 31 U.S.C.A. §1352 (2003), if at any time during the contract term funding to Contractor exceeds \$100,000.00, Contractor shall file with the County the Federal Standard Form LLL titled “Disclosure Form to Report Lobbying” as detailed in **Appendix “H”**.

7.8 Disqualification of Offeror. By submitting a response to this request, an Offeror offering to sell supplies, materials, services, or equipment to Hidalgo County certifies that the Offeror has not violated the antitrust laws of this state codified in Texas Business and Commerce Code §15.01, et seq., as amended, or the federal antitrust laws. If multiple submissions are made by an Offeror and after they are opened, the Offeror requests to withdraw one of the submissions is requested to be withdrawn, the result will be that all of the responses submitted by that Offeror will be withdrawn; however, nothing herein prohibits an Offeror from submitting multiple responses for different products or services.

7.9 Ethical Business Practices. Hidalgo County operates its business ethically and in compliance with the law. We ask that any Offeror, their representative, and/or employee doing business with Hidalgo County, who believes they have witnessed any suspected ethical violation or fraud immediately report the allegations to the Hidalgo County Purchasing Director, 2802 S. BUS HWY 281, Edinburg, TX 78539, (956) 318-2626, martha.salazar@co.hidalgo.tx.us.

Hidalgo County Purchasing Department will conduct a prompt and thorough investigation. At the conclusion of the investigation, Hidalgo County Purchasing Department will refer any suspected criminal activity to the Hidalgo County District Attorney or other appropriate law enforcement agency. Any Offeror who reports suspected ethical violations or fraud can do so without fear of retaliation. Retaliating against any offeror for reporting suspected ethical violations or fraud is strictly prohibited.

7.10 Historically Underutilized Business/Disadvantaged Business Enterprises. The County is committed to ensuring that Historically Underutilized Businesses (HUB) and Disadvantaged Business Enterprises (DBE) such as small business enterprises (SBE), minority and women-owned business enterprises (MWBE) receive a fair and equal opportunity for participation in the County’s procurement process. The County encourages the use of these enterprises both as prime and subcontractors as listed in **Appendix “E”**.

When federal funds are expended by the County, the County will take affirmative steps set forth in 2 CFR 200.321 to assure that small, minority, women-owned businesses and labor surplus area owned firms are used when possible. Pursuant to 2 CFR 321, the County requires that a prime contractor who uses subcontractors take affirmative steps set forth in 2 CFR 200.321, including:

- a. Placing qualified small and minority business and women’s business enterprises on solicitation lists;
- b. Assuring that small and minority businesses, and women’s business enterprises are solicited whenever they are potential sources;
- c. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women’s business enterprises;
- d. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women’s business enterprises; and
- e. Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.
- f. Nothing in this section is to be construed to require the County to award a contract other than as

required by law and Hidalgo County policies and procedures.

When procurement is related to road construction projects with the Texas Department of Transportation (TxDOT), all respondents must submit their HUB/DBE plans as part of their submission to be qualified to participate.

7.11 Fair Wages. The Offeror warrants and represents that it will pay all its workers all monies earned by its employees including, but not limited to regular wages, any overtime compensation, or any additional payments pursuant to the Fair Labor Standards Act, 29 U.S.C. Section 207 9a(1), as amended; the Texas Pay Day Act; the Equal Pay Act; Title VII of the Civil Rights Act of 1964, 42 U.S.C. Section 2000e, *et al.*, as amended; and/or any provisions of the Texas Labor Code Ann., as amended, without cost or expenses to the County.

Awarded Vendors, its officers, agents, and/or employees will not be entitled to any benefits of an employee or elected official of Hidalgo County, including, but not limited to, benefits associated with Hidalgo County's civil service system.

7.12 Independent Contractor. It is expressly agreed that this Contract and the performance by the parties hereunder does not create any agency relationship or master-servant relationship that the County has no supervision of the performance of the Services provided by Vendor, and that Vendor is an independent contractor under an award through this procurement packet.

7.13 Nondiscrimination. By submitting a response to this procurement packet, the Offeror certifies that it will conform to the provisions of the Federal Civil Rights Act of 1964, as amended and related state and federal law.

Offeror, during the performance of this contract, will not discriminate against any employee or applicant for employment because of race, religion, color, national origin, sex, age, disability or any other protected class under law (except as allowed in the case of bona fide occupational qualifications).

7.14 Texas Public Information Act. The Offeror understands and agrees that Hidalgo County is a governmental body for purposes of the Public Information Act, codified as Chapter 552 of the Texas Government Code and as such is required to release information in accordance with the Public Information Act (the "Act"). Hidalgo County must rely on advice, decisions and opinions of the Attorney General of the State of Texas relative to the disclosure of data or information. Submissions will be kept confidential in accordance with the Act and applicable law, and submissions are subject to inclusion into the public record after award. To the extent permitted by law, Offeror may request in writing non-disclosure of any information that it considers to be confidential, proprietary, and/or trade secret in its submission. Such data shall accompany the submission, be readily separable from the response, and shall be CLEARLY MARKED "**CONFIDENTIAL, PROPRIETARY and/or TRADE SECRET**". Hidalgo County will make reasonable efforts to provide Offeror notice in accordance with the Act in the event the County receives a request for information under the Act for information that the Offeror has marked as indicated above. E-mail addresses provided by Offeror to the County as part of its response to this procurement packet are not confidential. Additionally, Offeror provides its affirmative consent to the disclosure of its e-mail addresses, including from its employees, officers, and agents acting on its behalf, that are provided to Hidalgo County. This consent shall survive termination of this agreement and apply to any e-mail address provided in any form for any reason whether related to this procurement packet or otherwise.

7.15 Title VI Notice. The County of Hidalgo, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat.252, 42 U.S.C. §§2000d to 2000d-4) and the Regulations, hereby notifies all respondents that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit Bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award. Further, Title VI has been broadened by related statutes, regulations and executive orders as found in Appendices "A" through "E" as attached hereto as **Appendix "G"**. Offeror agrees to comply with Title VI as may be required.

8. **CONTRACT OBLIGATION.** Hidalgo County Commissioners Court must award the contract and the County Judge must sign the contract before it becomes binding on Hidalgo County or the Offeror. Elected officials, department heads, other County employees or representatives are NOT authorized to sign agreements for Hidalgo County, unless prior authorization is approved by the Hidalgo County Commissioners Court, or respective governing body. Binding agreements shall remain in effect until all products and/or services covered by this procurement packet have been satisfactorily delivered and accepted.
9. **CONTRACT RENEWALS.** Any extension or renewal of the agreement entered into by the parties are made at the County's sole discretion and under the same rates, terms and conditions as the initial agreement, or as amended.
10. **CONTRACT TRANSITION (Grace Period).** In the event services end by either contract expiration or termination, it shall be required that the successful respondent continue services if requested by the Hidalgo County Purchasing Department, until new services can be completely operational. The successful respondent acknowledges its responsibility to cooperate fully with the replacement vendor and Hidalgo County to ensure a smooth and timely transition to the replacement vendor. Such transitional period shall not extend more than sixty (60) days beyond the expiration/termination date of the contract, or any extension thereof. The successful respondent shall be reimbursed for services during the transitional period at the rate in effect when the transitional period clause is invoked by Hidalgo County. During any transition period, all other terms and conditions of the contract shall remain in full force and effect as originally written and subsequently amended.
11. **COST OF GOODS AND SERVICES.** Discount payments will be considered when offered. If during the life of any contract, or response awarded, the successful respondent's net prices generally available to other customers for items awarded herein are reduced below the contracted price, it is understood and agreed that the benefits of such reduction shall be extended to Hidalgo County. Failure by the Vendor to notify the County of a decrease in costs for items and/or supplies for which the Vendor was granted a price adjustment, may result in immediate termination of this contract and the County shall not be obligated to pay the Vendor the difference between the contract price and the price adjustment.
12. **COUNTY APPROVED HOLIDAYS.** There are fourteen (14) County approved holidays. The Offeror is advised that official County business will not be conducted on the dates listed below:

New Year's Day	Friday, January 01, 2021
Martin Luther King Day	Monday, January 18, 2021
President's Day	Monday, February 15, 2021
Good Friday	Friday, April 02, 2021
Memorial Day	Monday, May 31, 2021
Independence Day	Monday, July 05, 2021
Labor Day	Monday, September 06, 2021
Columbus' Day	Monday, October 11, 2021
Veterans' Day	Thursday, November 11, 2021
Thanksgiving	Thursday/Friday, November 25-26, 2021
Christmas	Thursday/Friday, December 23-24, 2021
New Year's Eve	Friday, December 31, 2021

13. **EVALUATION.** Evaluation shall be used as a determinant as to which proposed items or services are the most efficient and/or most economical for the County, considering all factors which have a bearing on price and performance of the items in the user department's environment. All submissions, except for Requests for Bids, may be subject to negotiations by the Hidalgo County Purchasing Department, or authorized Hidalgo County representative as approved by Hidalgo County Commissioners Court, with recommendation to the appropriate governing body. Compliance with all requirements, delivery and needs of the user department are considerations in evaluating the responses received. **Pricing is NOT the only criteria for making a recommendation.** A preliminary evaluation by Hidalgo County will be held and appropriate responses will be subjected to the negotiating process and a request for a Best and Final Offer. Upon completion of the negotiations, Hidalgo County will make an award. All responses that have been submitted shall be available and open for public record after

the contract is awarded, except for trade secrets or confidential information contained in the responses and identified as such.

Hidalgo County reserves the right to refuse and reject any or all submissions and to waive any or all formalities or technicalities, or to the qualifications considered the best and most advantageous to Hidalgo County. Additionally, Hidalgo County reserves the right to separate and accept or eliminate any item(s) listed under this procurement packet that it deems necessary to accommodate budgetary or operational requirements.

- 14. FISCAL FUNDING.** Hidalgo County has the discretion to utilize grant funding or general funding, however, should grant funding be utilized “Grant Funding” rules will apply. The award of a contract hereunder will not be construed to create a debt of the County which is payable out of funds beyond the current fiscal year. Additionally, should funds not be appropriated by the applicable governing body to continue the lease or contract in their sole discretion, said lease or contract shall become null and void on the last day of the current appropriation of funds.

14.1 General Funding. A multi-year lease or lease/purchase arrangement, or any contract continuing as a result of an extension option, must include a fiscal funding out provision in the lease or contract. Funds for this procurement have been provided through the County budget for this fiscal year only. Hidalgo County, on an annual basis and at their discretion, has the right to reconsider a contract during the budget process for ensuing years if financial resources of Hidalgo County are insufficient to meet the liabilities of said contract. After expiration of the lease, leased equipment shall be removed by the Vendor from the user department without penalty of any kind or form to Hidalgo County. All charges and physical activity related to delivery, installation, removal and re-delivery shall be the responsibility of the Vendor.

14.2 Grant Funding. Any contract entered into by the County that is to be paid from grant funds shall be limited to payment from the grant funding, and the Offeror understands that the County has not set aside any County funds for the payment of obligations under a grant contract. If grant funding should become unavailable at any time for the continuation of services paid for by the grant, and further funding cannot be obtained for the contract, then the contract shall be null and void.

Additionally, County contracts subject to assistance from the Federal Emergency Management Agency (FEMA), require inclusion of the contract terms found in **Appendix “H”**. It is the County’s intention to comply with FEMA requirements; therefore, any conflict in terms should be resolved as such.

- 15. FORCE MAJEURE.** If by reason of Force Majeure either Party shall be rendered unable, wholly or in part, to carry out its responsibility under this contract by any occurrence by reason of Force Majeure, then the Party unable to carry out its responsibility shall give the other Party notice and full particulars of such Force Majeure in writing within a reasonable time after the occurrence of the event, and such notice shall suspend the Party’s responsibility for the continuance of the Force Majeure claimed, but for no longer period. Force Majeure means acts of God, floods, hurricanes, tropical storms, tornadoes, earthquakes, or other natural disasters, acts of a public enemy, acts of terrorism, sovereign conduct, riots, civil commotion, strikes or lockouts, and other causes that are not occasioned by either Party’s conduct which by the exercise of due diligence the Party is unable to overcome and which substantially interferes with operations.
- 16. GOVERNING LAW.** This procurement packet is governed by the competitive bidding requirements of the County Purchasing Act, Texas Local Government Code, §262.021 *et seq.*, as amended. Offerors shall comply with all applicable federal, state and local laws and regulations. Offeror is further advised that these requirements shall be fully governed by the laws of the State of Texas and venue shall be performable in a federal or state court or competent jurisdiction in Hidalgo County, Texas. Hidalgo County may request and rely on advice, decisions and opinions of the Attorney General of Texas and the Hidalgo County District Attorney concerning any portion of these requirements. The County does not agree to binding arbitration and does not waive its right to a jury trial.
- 17. HIPAA COMPLIANCE.** When applicable, the Offeror agrees to comply with the requirements of the Health Insurance Portability and Accountability Act of 1996, Pub. L. No. 104-191 (codified at 45 C.F.R. Parts 160 and 164), as amended (“HIPAA”); privacy and security regulations promulgated by the United States Department of Health and Human Services (“DHHS”); Title XIII, Subtitle D of the American Recovery and Reinvestment Act of 2009, Pub. L. No. 111-5, as amended (“HITECH Act”); provisions regarding Confidentiality of Alcohol and

Drug Abuse Patient Records (codified at 42 C.F.R. Part 2), as amended; and TEX. HEALTH & SAFETY CODE ANN. §§81.046, as amended, 181.001 et seq., as amended, 241.151 et seq., as amended, and 611.001 et seq., as amended collectively referred to as "HIPAA", to the extent that the Offeror uses, discloses or has access to protected health information as defined by HIPAA. Offeror may be required to enter a Business Associate Agreement pursuant to HIPAA.

- 18. INDEMNIFICATION.** The successful Offeror, shall indemnify, defend, save, and hold Hidalgo County, all its elected officials, officers, agents and employees harmless from all suits, actions, or other claims of any character, name and description brought for or on account of any injuries or damages received or sustained by any person, persons, or property directly or indirectly from contractor's performance on account of any negligent act or fault of the successful Offeror, or of any agent, employee, subcontractor or supplier in the execution of, or performance under, any contract which may result from award or which arises from any event or casualty happening on or within County premises themselves or happening upon or in any halls, elevators, entrances, stairways or approaches of or to such County facilities. Successful Offeror shall pay any judgment with costs which may be obtained against the County growing out of such injury or damages, and shall, upon request, provide a defense to Hidalgo County by counsel reasonably acceptable to the County. The Successful Offeror indemnity hereunder shall include, but is not limited to, claims relating to patent, copyright or trademark infringement and the like, arising out of the goods and services provided by successful Offeror.
- 19. INSPECTIONS & TESTING.** Hidalgo County reserves the right to inspect any item(s) or service location for compliance with specifications and requirements and needs of the user department. If an Offeror cannot furnish a sample of a proposed item, where applicable, for review, or fails to satisfactorily show an ability to perform, the County can reject the response as inadequate.

The successful respondent shall warrant that all items/services shall conform to the specifications and/or all warranties provided under the Uniform Commercial Code and be free from all defects in material, workmanship and the like. Items supplied under a contract pursuant to this procurement packet shall be subject to the County's approval. Items found to be defective or not meeting specifications shall be replaced by the successful Offeror within two (2) business days at no expense to the County. Items that are not picked up within one (1) week after notification shall be deemed a donation to the County and may be used or disposed of at the County's discretion, without waiver of any other rights of the County as to the items' nonconformity.

- 20. INSURANCE.** Contractor shall procure and maintain, with respect to the subject matter of this procurement packet, appropriate insurance coverage including, as a minimum, public liability and property damage with adequate limits to cover contractor's liability as may arise directly or indirectly from work performed under terms of this procurement packet. Certification of such coverage must be provided to the County as part of this response. (See **Appendix "C": Insurance Requirements**). Prior to award, Hidalgo County must be listed as a Certificate Holder to the policies.
- 21. LEGAL DOCUMENTS.** Offeror should submit any agreement for products and/or services which may be required by their organization to enter into a contract with Hidalgo County. The awarded vendor will be required to execute an agreement with Hidalgo County which finalizes the terms and conditions set forth in their response, best and final offer, and any negotiations between the Offeror and Hidalgo County. The agreement is subject to review and amendment by the Hidalgo County District Attorney's Office.
- 22. MAINTENANCE.** Maintenance required for equipment proposed should be available in Hidalgo County by a manufacturer-authorized maintenance facility. Costs for this service shall be shown on **Appendix "B"**. If Hidalgo County opts to include maintenance, it shall be so stated in the purchase order and said cost will be included. Service will commence only upon expiration of applicable warranties and should be priced accordingly.
- 23. MARKET VOLATILITY AND UNIT PRICE ADJUSTMENTS.** When applicable, Hidalgo County recognizes that during periods of national crisis and unstable economic conditions, unforeseen price increase might affect costs for goods and services contracted on an annual basis. The Price Adjustment procedure may be employed to mediate price volatility on a quarterly basis, on the quarter they're being requested for, then return

to the original contract price. The Hidalgo County Purchasing Department has sole discretion whether to grant the price increase extension with provided sufficient evidence of the request. The requested increase cannot exceed twenty-five percent (25%) of the original contract price during the contract term. Lastly, Hidalgo County may at its own discretion, conduct temporary price adjustment reviews at any time.

24. **MATERIAL SAFETY DATA SHEETS.** Under the "Hazardous Communication Act", commonly known as the "Texas Right to Know Act", an Offeror must provide to the County with each delivery, material safety data sheets which are applicable to hazardous substances defined in the Act. Failure of the Offeror to furnish the required documentation will be cause to reject any response applying thereto.
25. **MINIMUM STANDARDS FOR RESPONSIBLE PROSPECTIVE RESPONDENTS.** With their submitted response, the Offeror must affirmatively demonstrate their responsibility as listed on **Appendix "A"**. A prospective respondent, by submitting a response, represents to County that it meets the requirements listed.
26. **NAME BRANDS.** Specifications may reference name brands and model numbers. It is not the intent of Hidalgo County to restrict or preclude competition in any way, but to establish a desired quality level of merchandise or to meet a pre-established standard due to like existing items. Offerors may offer items of equal stature and the burden of proof of such stature rests with Offerors. Hidalgo County shall act as sole judge in determining equality and acceptability of products offered.
27. **NEW MILLENNIUM COMPLIANCE.** All products and/or services furnished as part of this contract must be compliant for the present year and forward. This applies to all computers including hardware and software as well as all other commodities with date sensitive embedded chips.
28. **PAYMENT UNDER CONTRACT.** If the contract is for \$50,000 or less, no money will be paid to the contractor until completion and acceptance of the work or the fulfillment of the purchase obligation to the County, and, if applicable, the receipt by County of satisfactory evidence that all subcontractors and material men have been paid.
29. **PERFORMANCE ENFORCEMENT.** Hidalgo County reserves the right to enforce performance of any contract, agreement, supplemental agreement, as amended, or participation in the professional services pool, in any manner prescribed by law or deemed to be in the best interest of the County. Hidalgo County reserves the right to terminate the contract awarded hereunder in any manner prescribed by law or deemed to be in the best interest of the County immediately in the event of breach or default by a successful respondent, including, but not limited to failure to maintain qualifications, meet schedules, pay any required fees or taxes, or otherwise failing to perform in accordance with the requirements of this procurement packet.
30. **POST-AWARD DELIVERY INSTRUCTIONS.** Title and Risk of Loss of goods shall not pass to Hidalgo County until Hidalgo County actually receives and takes possession of the goods at the point or points of delivery. Receiving times may vary with the user department. Generally, deliveries may be made between 8:30 a.m. and 4:00 p.m., Monday through Friday, except on County approved holidays. The Offeror is advised to consult the user department for instructions, and be given at least seventy-two (72) hours prior notice of delivery, if applicable, before delivery will be accepted. The place of delivery shall be identified in the Requirements/Specifications attached hereto as **Appendix "A"** of this procurement packet and/or on the Purchase Order as a "Deliver To:" address.
31. **POST-AWARD INVOICES AND PAYMENTS.** Offerors shall submit an original, itemized invoice on company letterhead with their company name and address, detailing the deliverable(s) of goods and/or services provided, the respective price, product code, item number, quantity, etc. per line item, the name of receiving/requesting department or elected office, the delivery address, the awarded vendor's contract number, and issued purchase order number. Any invoice, which cannot be verified by the contract price and/or is otherwise incorrect, will be returned to the Offeror for correction. Under term contracts, when multiple deliveries and/or services are required, the Offeror may invoice following each delivery and the County will pay on invoice. Contracts providing for a monthly charge will be billed and paid on a monthly basis only.

Deliverables or services will be considered complete only upon written acceptance by Hidalgo County. No charges may be billed to Hidalgo County unless such costs are explicitly included in the agreement or contract.

For billing and payment questions please contact the Hidalgo County Auditor's Office, 2808 S. Business Hwy. 281, Edinburg, Texas 78539, (956) 318-2511.

32. PROCUREMENT PACKET FORM COMPLETION. Fill out and return to the Hidalgo County Purchasing Department one (1) complete response in an appropriately sized envelope or box. **PACKAGE MUST SHOW THE COMPANY NAME, RETURN ADDRESS, THE RFB, RFP, RFQ, RFP/Q, etc., PROJECT DESCRIPTION, OPENING DATE AND TIME, AND BE MARKED "SEALED PROPOSAL"**. For Offeror's convenience, the shipping label on **Appendix "N"** can be used on the submission packet. An authorized representative of the Offeror should sign the Submission Cover Sheet. The contract will be binding only when signed by Hidalgo County, funds are certified by the Hidalgo County Auditor, and an official Hidalgo County Purchase Order is issued by the Hidalgo County Purchasing Department.

33. PROCUREMENT PACKET SUBMISSION. Offeror must submit all completed responses to the Hidalgo County Purchasing Department reception desk at 2802 S. BUS. HWY 281, Edinburg, Texas 78539 by the date and time listed under the Submission Deadline and Bid Opening section of the Procurement Overview. Late proposals will not be accepted for any reason.

33.1 Supplemental Materials. Offerors are responsible for including all pertinent product data in the submitted response to this procurement packet. Literature, brochures, data sheets, specification information, completed forms requested as part of the procurement packet and any other facts which may affect the evaluation and subsequent contract award should be included. Materials such as legal documents and contractual agreements, which the Offeror wishes to include as a condition of the submission, must also be in the submitted response. Failure to include all necessary and proper supplemental materials may be cause to reject the entire response.

34. PROOF OF BUSINESS. Offeror must have been in business under its current name and in its current form (e.g., proprietorship, Chapter S Corporation). Information to be included as part of the Vendor Application, **Appendix "D"**.

35. PURCHASE ORDER AND DELIVERY. The successful Offeror shall not deliver products or provide services without a Hidalgo County Purchase Order, signed by the Hidalgo County Purchasing Director, or an authorized agent of the Hidalgo County Purchasing Department. When applicable, the fastest, most reasonable delivery time shall be indicated by the Offeror in the proper place on **Appendix "B"**. Any special information concerning delivery should also be included, on a separate sheet, if necessary. All items shall be shipped **F.O.B. INSIDE DELIVERY** unless otherwise stated in the specifications. This shall be understood to include bringing merchandise to the appropriate room or place designated by the user department. Every tender or delivery of goods must fully comply with all provisions of these requirements and the specifications including time, delivery and quality. Nonconformance shall constitute a breach which must be rectified prior to expiration of the time for performance. Failure to rectify within the performance period will be considered cause to reject future deliveries and cancellation of the contract by Hidalgo County, without prejudice to other remedies provided by law. **Where delivery times are critical, Hidalgo County reserves the right to award accordingly.**

Goods and/or Services must not be provided and **invoices will not be paid** without a purchase order signed by the Hidalgo County Purchasing Director.

36. QUALIFICATIONS OF OFFEROR. Offeror's failure to qualify or maintain qualifications throughout the term of this agreement shall release Hidalgo County from all obligations to the Offeror with regard to the services. In such an event, Hidalgo County may elect to engage another qualified firm or reject all submissions and re-advertise.

37. RECYCLED MATERIALS. Hidalgo County encourages the use of products made of recycled materials and shall give preference in purchasing to products made of recycled materials if the products meet applicable specifications as to quantity and quality. Hidalgo County will be the sole judge in determining product preference application.

38. REFERENCES. Offeror will provide a minimum of four (4) letters of reference from other

individual(s)/entities or local government entities for whom the Offeror has provided similar services in the past twenty-four (24) months as demonstration of their prior experience. **One of the four references listed should be of a project that was canceled.** If Offeror prefers, Reference Form **Appendix "M"** may be used. Letters or reference sheet must include the following information:

- Organization/Client Name/Government Entity (Include population of any local governmental entity – some procurements may require a specific population).
- Name of Contact Person
- Contact Telephone, Address and Email
- Name of Project
- Scope of Work
- Contract Period
- Budget Project Amount; Actual Project Amount
- Expected project timeframe; actual project time frame
- Include contact information for one (1) client that services have been canceled, and a description of why the project was canceled.

39. SCANNED OR RE-TYPED RESPONSE. If in its response, Offeror either electronically scans, re-types, or in some way reproduces the County's published procurement packet, then in the event of any conflict between the terms and provisions of the County's published procurement packet, or any portion thereof, and the terms and provisions of the response made by the Offeror, the County's proposal package *as published* shall control. Furthermore, if an alteration of any kind to the County's published procurement packet is only discovered after the contract is executed and is or is not being performed; the contract is subject to immediate cancellation.

Regardless of how an Offeror requested or received a copy of this procurement packet to prepare a response, **the response must be submitted in hard copy** according to the instructions contained in this procurement packet.

40. SEVERABILITY. If any section, subsection, paragraph, sentence, clause, phrase or word of these requirements or the specifications shall be held invalid, such holding shall not affect the remaining portions of these requirements and the specifications and it is hereby declared that such remaining portions would have been included in these requirements and the specifications as though the invalid portion had been omitted.

41. SILENCE OF SPECIFICATIONS. The apparent silence of specifications as to any detail, or the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practice is to prevail and that only material and workmanship of the finest quality are to be used. All interpretations of specifications shall be made on the basis of this statement. The items furnished under this contract shall be new, unused of the latest product in production to commercial trade and shall be of the highest quality as to materials used and workmanship. Manufacturer furnishing these items shall be experienced in design and construction of such items and shall be an established supplier of the item proposed.

42. SUBCONTRACTING. Vendor may not subcontract services to another firm without prior written request detailing goods and/or services that are to be subcontracted, and approval of said written request by Hidalgo County Commissioners Court, or applicable governing body.

43. TAXES. Hidalgo County is exempt from all federal excise, state and local taxes unless, otherwise stated in this document. Hidalgo County claims exemption from all sales and/or use taxes under Texas Tax Code §151.309, as amended. Offerors are not to include tax in any cost figures (including in any supplemental project specific contracts applicable to pools). If it is determined that tax was included in the cost figure it will not be included in the tabulation of any supplemental project specific awards. Texas Limited Sales Tax Exemption Certificates will be furnished upon written request to the Hidalgo County Purchasing Department, and signed by the Agent, or authorized Purchasing Department representative.

44. TERM OF CONTRACTS. If the contract is intended to cover a specific time period, the term will be p in the Requirements/Specifications. Participation in the Professional Services Pool will be in effect until (a) the term expires, or (b) participation is terminated by County with thirty (30) days written notice prior to cancellation with

or without cause. Any supplemental project-specific contract award to a successful respondent will be in effect until (a) the contract expires, (b) delivery and acceptance of products, and/or performance of services ordered, or (c) terminated by the County with thirty (30) days written notice prior to cancellation with or without cause, unless otherwise stated in the executed agreement.

45. **TERMINATION.** Hidalgo County reserves the right to terminate the contract for default if Offeror breaches any of the terms therein, including warranties of Offeror or if the Offeror becomes insolvent or commits acts of bankruptcy. Such right of termination is in addition to and not in lieu of any other remedies which Hidalgo County may have in law or equity. Default may be construed as, but not limited to, failure to deliver the proper goods and/or services within the proper amount of time, and/or to properly perform any and all services required to Hidalgo County's satisfaction and/or to meet all other obligations and requirements. Hidalgo County may terminate the contract without cause upon thirty (30) days written notice, unless otherwise stated in the executed agreement.
46. **TERMINATION FOR HEALTH AND SAFETY VIOLATIONS.** Hidalgo County has the option to terminate this contract immediately without prior notice if offeror fails to perform any of its obligations in this contract if the failure (a) created a potential threat to health or safety or (b) violated a law, ordinance, or regulation designed to protect health or safety.
47. **USAGE REPORTS.** Hidalgo County reserves the right to request, and receive at no additional cost during the yearly contract period, a usage report detailing the services furnished to date under an agreement resulting from this procurement packet. The reports must be furnished no later than five (5) business days after written request and itemize all purchases to date by Hidalgo County department, description of each service purchased, quantity of each service purchased, per unit cost and total amount of all services purchased.
48. **WAIVER OF SUBROGATION.** Offeror and Offeror's insurance carrier waive any and all rights whatsoever with regard to subrogation against Hidalgo County as an indirect party to any suit arising out of personal or property damages resulting from Offeror's performance under any award resulting from award from this procurement packet.
49. **WARRANTIES.** Offerors shall furnish all data pertinent to warranties or guarantees which may apply to items in the response to this procurement packet. Offeror may not limit or exclude any implied warranties. Further, Offeror warrants that product sold to the County shall conform to the standards established by the U.S. Department of Labor under the Occupational Safety and Health Act of 1970. In the event product does not conform to OSHA Standards, where applicable, Hidalgo County may return the product for correction or replacement at the Offeror's expense. If Offeror fails to make the appropriate correction within a reasonable time, Hidalgo County may correct at the Offeror's expense.

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LEGAL NOTICE DECLARATION

TO: Martha L. Salazar, CPPB, Purchasing Director
ATTN: Heidi G. Ortiz, Contract Specialist III
Hidalgo County Administration Building/Purchasing Department
2802 S. Business Hwy. 281
Edinburg, Texas 78539

RE: RFQ No. 2020-565-03-10-HGO

By providing a response to this solicitation, we acknowledge receipt of all of the pages of in this procurement packet. We understand that Hidalgo County reserves the right to reject any or all submissions, and further reserves the right to design the evaluation criteria to be used in selecting the lowest and best qualification.

We acknowledge that we have examined this procurement packet in its entirety, and are familiar with the conditions to be met. In accordance with the Specifications, and subject to all laws and regulations of the United States, State of Texas, and local laws, we propose and commit to furnish all labor, equipment, material, software, and services as set forth in the documents hereinbefore mentioned. We, the undersigned respondent, further agree, upon acceptance of its response to be a member of the Pools of Professional Services and further execute supplemental project-specific contracts with the County as needed. Any purchase order or contract resulting from this process shall be considered null and void if the successful respondent fails to comply with any federal, state or local laws.

We acknowledge that we are providing the required certifications, attestations, verifications and/or acknowledgments as referenced within this procurement packet. We further acknowledge that any and all specifications, provisions, and attachments of this response are incorporated into and made a part of any resulting agreement.

We agree that this response shall be good, and may not be withdrawn for a period of ninety (90) calendar days after the scheduled bid opening time and date for receiving the requested solicitation, as contained in the Specifications.

Lastly, we understand that any questions regarding compliance should be directed to our firm's legal counsel. We acknowledge that the individual authorized to bind the company is signing this Acknowledgement Form. By signing this Acknowledgement Form we understand we are providing written verification and certification of the aforementioned, and the County cannot execute a contract for goods or services without this declaration.

Respectfully submitted,

Firm: _____

Address: _____

Printed Name: _____

Title: _____

Signature: _____ Date: _____



Appendix A

REQUIREMENTS/SPECIFICATIONS

REQUIREMENTS/SPECIFICATIONS

The required contents and limitations for the preparation of the RFQ are described in this section. Failure to provide the requested information or adhere to any County limitations may result in disqualification of the submitted response.

Section I: UNDERSTANDING OF THE PROJECT (limited to 3 pages)

This section should demonstrate the respondent's understanding of the project needs, the work required, and any identify and local issues or concerns to demonstrate the firm's familiarity with the geographical area of County of Hidalgo.

Section II: VENDOR INFORMATION

- a. **Vendor History** - This section should include Vendor's history, the firm's background and identify the principal officers. It should include an organization chart, and a description of project team organization and names of team members. Additionally, it should state the firm's commitment and ability to commence services immediately after successfully negotiating a contract for services, and a statement regarding their Affirmative Action Program.

- b. **Personnel and Staffing** - This section should identify all members on the organizational chart, and a summary paragraph of the project work to be performed by each proposed staff member. Biographic summaries that highlight the experience relevant to the specific project responsibilities should be provided for all proposed personnel. A biographic summary provided with history of engineering licensure from the Texas Board of Professional Engineers and Land Surveyors for each proposed staff member (limited to one (1) page per team member), or any other licenses and certifications required by the State of Texas, and a one (1) page of a general list of projects with brief project summaries that respective proposed staff member was a part within the last 12 consecutive months, and identify their role in each project.

This section should also outline the firm's contingency plan for servicing the project in the event that one or more key personnel are not available for any reason during the period of performance.

- c. **Proof of Licenses and Certifications** - This section will contain copies of any and all current state certifications and licenses with applicable seals, and any other applicable licenses and certifications as required by the State of Texas.

Section III: VENDOR EXPERIENCE AND QUALIFICATIONS (limited to 10 pages)

- a. **Competency** - This section should demonstrate firm's competency and experience in, but not limited to the following areas: Roadway, Bridge and General Design and Construction, Federal, State, and County-funded construction projects, Solid Waste related projects, and Mechanical Engineering projects located within Hidalgo County, or in this general region of the state.

- b. **Experience and Recent Projects** - This section should include a description of the firm's most recent and varied projects (other local government projects preferred), and identify the personnel that were key in each project. Identify key challenges, and the firm's solution to overcome such challenges. For each project, a client contact name and phone number should be included for reference purposes. A list of ongoing projects similar in scope under TxDOT procurement basis shall be included.

- c. **References** - This section should list four (4) references, other than past or present employees of Hidalgo County, who can verify your performance as a Vendor within the past 24 months.

Performance includes, but not limited to, sales and/or services, delivery, invoicing, and other items as may be required for Hidalgo County to determine Respondent's ability to provide the intended goods and/or service of this procurement packet. Hidalgo County prefers references to be from Government customers. The name, address and phone number of the person(s) listed should be the one most closely associated with your company's performance on that specific project. References must be able to verify the quality of service Respondent's company provide and that the Respondent has completed a project of similar size and scope of work in this solicitation. Inaccurate, obsolete or negative responses from the listed references could result in rejection of your response. **One of the four references listed should be of a project that was canceled with a description of why the project was canceled.** Failure to supply the required references may deem your response as non-responsive and will not be considered for award.

Respondent's involvement with reference checks is not permitted. Only Hidalgo County Purchasing Department or authorized designees will conduct reference checks. Any deviation to this may result in rejection of your response. You may use your own format, or use the Reference Form included as **Appendix "M"**.

Section IV: SCOPE OF SERVICES

- a. List of Services** - The engineering services contract will encompass all project-related engineering services to the County of Hidalgo including, but not limited to, the following:
- Acoustical Design
 - ADA Compliance
 - Asbestos Abatement Monitoring
 - Bridge Design
 - Building Design
 - Code Analysis
 - Construction Contract Management
 - Cost Estimating
 - Dams and Cut or Filled Slopes
 - Design for Alterations/Renovations
 - Design for New Construction
 - Drainage Design
 - Energy Conservation
 - Excavations and Trenches
 - Facility Analysis and Master Planning
 - Needs Assessment
 - Parking Design
 - Pavements
 - Plans and Specifications
 - Plans, Drawings, and Specifications
 - Pre-Design
 - Project Development Management
 - Right of Way Maps and Data
 - Roadway Design
 - Roof Design
 - Route and Design Studies
 - Security Design
 - Signing, Markings, and Signalization
 - Site Planning and Analysis
 - Social, Economic, Environmental Studies and Public Involvement
 - Soil/Rock and Foundation Studies
 - Solid Waste
 - Surveying
 - Traffic Control Plans
 - Utility Adjustments
 - Ventilation Design
 - Water and Waste Retention/Disposal
- b. Narrative** - This section should include firm's philosophy, approach(s) and preferred methods for meeting requirements, deliverables, and the aforementioned services listed in the Scope of Services. Provide the greatest amount of meaning detail possible to describe the proposed products and/or services. Indicate if your firm can meet the specifications, or if the specifications can be met only

under certain conditions or circumstances. If your firm is not able to meet the specification, briefly explain why, noting any concerns or issues Hidalgo County should be aware. Provide a timeline indicating deliverables, vendor responsibilities and resources needed from Hidalgo County. Merely reiterating the specifications are strongly discouraged, as they do not provide insight into the firm's ability to meet the specifications.

Section V: LEGAL DOCUMENTS

If applicable, the Firm is to include any standard agreement(s) and/or contracts associated with their response.

Section VI: MISCELLANEOUS

State exemptions to any of the requirements in this procurement packet, if any. Any additional information the firm deems appropriate to the response may be included in this section.

Section VII: PRICING INFORMATION

PARTICIPATING FIRMS ARE NOT TO PROVIDE A FEE PROPOSAL WITH THIS SUBMITTAL: The fee will be negotiated in accordance with the Professional Services Procurement Act, Tex. Govt. Code Ann. 2254.001, et seq. Once selected, the proposer is to provide a fee proposal based on the scope of work.

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Appendix B

EVALUATION PROCEDURE, AREAS OF SPECIALIZATION, and EVALUATION FORM

EVALUATION PROCEDURE

POOL ACCEPTANCE

It is Hidalgo County's intention that all responses that met the requirements listed within this procurement packet will be accepted in the respective annual pool.

AWARD PROTOCOL

A firm can be selected from the approved Pool for 1) an On-Call Agreement, or 2) Project Specific; regardless of the option, once a project has been identified and it is determined that Engineering Services are required, approval to seek engagement for Professional Services is requested from the Hidalgo County Commissioners Court. The following protocol and procedures are utilized:

1. Hidalgo County Commissioners Court, Elected Official, or User Department in need of the Professional Service will nominate, at the minimum, 3 firms. The firms selected must be able to complete the project requested, and if specializations are available, those specialized firms should be considered for nomination first.
2. Hidalgo County Commissioners' Court, Elected Official, or User Department will select the Evaluation Committee.
3. The Evaluation Committee will review, score and evaluate the Statement of Qualifications received in this response.
4. A Scoring Grid will be presented to Hidalgo County Commissioners Court for the purpose of Ranking and Approval for the Hidalgo County Purchasing Department to enter into negotiations with the number one (1) ranked firm.

EVALUATION CRITERIA

Award shall be made to the responsible vendor whose proposal is determined to be the best evaluated offer resulting from negotiations and taking into consideration all aspects of proposal impact items and the Evaluation Criteria as stated in **Appendix "B"**.

- Professional qualifications and experience of vendor and its staff with a minimum of predetermined number of years of relevant experience and demonstrated success in providing the services requested in this solicitation;
- Ability to commit resources and turnaround time for services requested;
- Pricing;
- Experience with other clients of similar size to Hidalgo County and government entities;
- Vendor's professional reputation for integrity and compliance with state and federal law, including having the appropriate license to do business in Texas;
- Past performance history with Hidalgo County (if applicable);
- Experience based on references submitted with the vendor's proposal; and
- Overall quality of vendor's proposal.

Submission of a proposal implies the vendor's acceptance of the evaluation criteria and vendor's recognition that subjective judgments must be made by the Evaluation Committee.

EVALUATION PROCESS

All proposals will be examined by an Evaluation Committee consisting of various Hidalgo County personnel and Hidalgo County Purchasing on a 100-point system.

Proposals that do not conform to the instructions or which do not address all the services as specified may be eliminated from consideration; however, Hidalgo County reserves the right to accept such a proposal if it is determined to be in the best interest of Hidalgo County.

While Hidalgo County appreciates a brief, straightforward, concise reply, the proposer must fully understand that the evaluation is based on the information provided. Accuracy and completeness are essential. Omissions, ambiguous and equivocal statements may be construed against the proposer. The proposal response may be incorporated into any contract which results from this procurement packet, and vendors are cautioned not to make claims or statements it is not prepared to commit to contractually. Failure of the vendor to meet such claims will result in a requirement that the vendor provide resources necessary to meet submitted claims, without extending an additional cost to Hidalgo County.

Hidalgo County Purchasing Department may initiate discussions with selected vendors; however, vendors may not initiate discussions. Vendors shall not contact any Hidalgo County personnel during the procurement process without the express permission from the Hidalgo County Purchasing Department. Hidalgo County Purchasing Department may disqualify any vendor who has made site visits, contacted Hidalgo County personnel or distributed any literature without authorization from Hidalgo County Purchasing Department.

All correspondence relating to this procurement from the advertisement to the award shall be sent to Hidalgo County Purchasing Department. Hidalgo County Purchasing Department shall coordinate all presentations and/or meetings between Hidalgo County and the vendor relating to this solicitation.

Selected vendors may/will be expected to make a presentation/product demonstration to an evaluation committee. In addition to a presentation, visits by the Evaluation Committee to representative vendor client sites may be conducted where the proposed solution can be demonstrated in a production environment. Proposals, vendor presentations and product/service evaluations may develop into negotiating sessions with the vendor(s) as selected by the Evaluation Committee and approved by Hidalgo County Commissioners Court.

NEGOTIATION PROCESS

The Purchasing Department will commence negotiations with the Number One (1) ranked firm, as approved by Hidalgo County Commissioners Court by asking the selected firm to submit a Scope of Service, including their fees. Hidalgo County expects to conduct negotiations with vendor's representatives authorized to contractually obligate the vendor with an offer. The negotiated contract include a Best and Final Offer with the successful firm will be presented to Commissioners' Court for consideration and approval of award of contract. If vendor is unable to agree to contract terms and conditions, Hidalgo County reserves the right to terminate contract negotiations with that vendor and initiate negotiations with another vendor.

REMAINDER OF THIS PAGE LEFT INTENTIONALLY BLANK.

AREAS OF SPECIALIZATION

RE: RFQ No. 2020-565-03-10-HGO
Professional Engineering Services Pool

Company Name: _____

Address: _____

City, State, Zip _____

Principal(s):

Name	Title
_____	_____
Name	Title
_____	_____
Name	Title
_____	_____
Name	Title
_____	_____

Engineer's License No.: _____

IDENTIFY AREAS OF SPECIALIZATION (Mark all that apply).

- | | |
|--|--|
| <p>_____ Acoustical Design</p> <p>_____ ADA Compliance</p> <p>_____ Asbestos Abatement Monitoring</p> <p>_____ Bridge Design</p> <p>_____ Building Design</p> <p>_____ Code Analysis</p> <p>_____ Construction Contract Management</p> <p>_____ Cost Estimating</p> <p>_____ Dams and Cut or Filled Slopes</p> <p>_____ Design for Alterations/Renovations</p> <p>_____ Design for New Construction</p> <p>_____ Drainage Design</p> <p>_____ Energy Conservation</p> <p>_____ Excavations and Trenches</p> <p>_____ Facility Analysis and Master Planning</p> <p>_____ Needs Assessment</p> <p>_____ Parking Design</p> <p>_____ Pavements</p> <p>_____ Plans and Specifications</p> <p>_____ Plans, Drawings, and Specifications</p> | <p>_____ Pre-Design</p> <p>_____ Project Development Management</p> <p>_____ Right of Way Maps and Data</p> <p>_____ Roadway Design</p> <p>_____ Roof Design</p> <p>_____ Route and Design Studies</p> <p>_____ Security Design</p> <p>_____ Signing, Markings, and Signalization</p> <p>_____ Site Planning and Analysis</p> <p>_____ Social, Economic, Environmental Studies
and Public Involvement</p> <p>_____ Soil/Rock and Foundation Studies</p> <p>_____ Solid Waste</p> <p>_____ Surveying</p> <p>_____ Traffic Control Plans</p> <p>_____ Utility Adjustments</p> <p>_____ Ventilation Design</p> <p>_____ Water and Waste Retention/Disposal</p> <p>_____ Other (please specify, and separate listed specialties
with a semicolon (;): _____</p> <p>_____</p> <p>_____</p> <p>_____</p> |
|--|--|

EVALUATION FORM

RE: RFQ No. 2020-565-03-10-HGO
Professional Engineering Services

Evaluator: _____

Signature: _____

Date: _____

Project Name: _____

Department: _____

EVALUATION CRITERIA	POINTS	SCORE
1. RFQ RESPONSIVENESS (2 points)		
➤ Response is clear, concise, well-organized and followed the instructions listed in the Procurement Overview section of the procurement packet.	2	
Comments/Rationale for points:	Subtotal	
2. UNDERSTANDING THE PROJECT (22 points)		
➤ Firm demonstrates a thorough understanding of the project through their Scope of Services.	5	
➤ Firm addresses their understanding in a clear and concise narrative that outlines their knowledge in appropriate federal, state and local government regulations, codes, guidelines, professional standards, and other policies related to the specified project.	7	
➤ Firm identifies other successful projects of similar size and scope.	5	
➤ Firm has identified information to be gathered or obtained and proposed an approach to complete the Scope of Work.	5	
Comments/Rationale for points:	Subtotal	
3. FIRM'S QUALIFICATIONS (18 points)		
➤ Firm is registered and licensed to practice in the state of Texas, and has been verified through the Texas Board of Profession Engineers and Land Surveyors.	5	
➤ Firm includes an organization chart, and a description of the proposed project team organization dedicated to this project, identifies key technical staff, their names and titles.	10	
➤ Firm provides proof of all licenses and certifications for each proposed staff member.	10	
➤ Firm identifies their Affirmative Action Program.	3	
Comments/Rationale for points:	Subtotal	
4 EXPERIENCE AND RECENT PROJECTS (27 points)		
➤ Firm includes biographic summaries/resumes for each proposed staff member that highlight their relevant experience specific to the project within the last 12 consecutive months, and their role in each project.	10	
➤ Firm identifies at least one (1) Licensed Professional Engineer with an educational background and/or strong experience in the scope of the project that is part of the proposed team dedicated to this project who has previously led or been a part of at least two (2) projects of similar size and scope.	10	
➤ Firm identifies two (2) different technical staff members with a minimum of five (5) and ten (10) years' experience.	7	
Comments/Rationale for points:	Subtotal	
5. LEADERSHIP AND ABILITY(21 points)		
➤ Firm identifies their commitment and ability to commence services immediately after successfully negotiating a contract for services.	3	
➤ Firm identifies proposed project composition, project leadership, and reporting responsibilities.	5	
➤ Firm has demonstrated competency and experience in the project specified.	3	
➤ Firm commits at least one Project Manager with experience in two (2) different areas of specialties, plus be 50% involved with the technical development of the project.	5	
➤ Firm commits at least one (1) Project Manager with experience in five (5) areas of specialties, plus be 85-100% involved with the technical development of the project.	5	
Comments/Rationale for points:	Subtotal	
TOTAL		



Appendix C

INSURANCE REQUIREMENTS

APPENDIX C
Insurance Requirements
Professional Services
(i.e...Engineers, Architects, Appraisers & Surveyors)

The proposer awarded the contract shall furnish proof of insurance, which will also include any subcontractor that is subcontracted by the proposer in at least the following limits, to be in place prior to providing any services under this Contract and to continue at all times in force in effect during the term of this Contract:

1. Professional liability insurance policy with limits of at least One Million Dollars (\$1,000,000) per occurrence, or limited to claims made, include at least a five (5) year extended reporting period.
2. A Five Hundred Thousand Dollars (\$500,000.00) Comprehensive General Liability insurance policy providing additional coverage to all underlying liabilities of County.
3. Automobile liability insurance policy with limits of at least Three Hundred Thousand Dollars (\$300,000.00) per person and Five Hundred Thousand Dollars (\$500,000.00) per occurrence. Coverage should include injury to or death of persons and property damage claims with limits up to Five Hundred Thousand Dollars (\$500,000.00) arising out of the services provided to County hereunder.
4. Uninsured/Underinsured motorist coverage in an amount equal to the bodily injury limits set forth immediately above;
5. Workers compensation insurance in amounts established by Texas law, unless the Bidder is specifically exempted from the Texas Workers Compensation Act, Texas Labor Code Chapter 401, et. seq.

Bidder shall obtain and maintain any and all other insurances which may be necessary in providing the good/service applicable to this procurement or are otherwise required by law. Any and all insurance policies shall be in amounts prescribed by law or otherwise specified by the County, but in no event less than the minimum amounts prescribed by law.

Additional Insurance Requirements:

- a. Bidder shall furnish to County certificate(s) of insurance, and all renewals throughout the duration of the Project, issued by the insurer that such insurance is in full force and effect.
- b. Certificates of insurance shall be submitted to County for approval prior to any services being performed by Bidder.
- c. **Hidalgo County will only accept certificates of insurance on an Acord form (as attached hereto).**
- d. For each policy, except Workers' Compensation, Bidder shall name the County as an additional insured.
- e. Each policy of insurance required hereunder shall extend for a period equivalent to, or longer than the term of the Contract, and any insurer hereunder shall be required to give at least thirty

- (30) days written notice to the County prior to the cancellation of any such coverage on the termination date, or otherwise.
- f. This Contract shall be automatically suspended upon the cancellation, or other termination, of any required policy of insurance hereunder, and such suspension shall continue until evidence of adequate replacement coverage is provided to County. If replacement coverage is not provided within thirty (30) days following suspension of the Contract, this Contract shall automatically terminate.
 - g. All insurance policies will be endorsed to provide a waiver of subrogation in favor of the County.
 - h. County reserves the right to review the insurance requirements of this section during the effective period of the contract and to require adjustment of insurance coverage and their limits when deemed necessary and prudent by County based upon changes in statutory law, court decisions, or the claims history of the industry as well as the Bidder.
 - i. Insurance policies shall be obtained at Bidder's sole expense. County does not maintain and will not obtain insurance of any type to protect Bidder against loss, damage or injury that may in any way result from Bidders performance of the services.
 - j. In no event shall the County be liable for any loss, damage to or destruction of any property belonging to the Bidder.
 - k. Bidder is responsible for ensuring all required insurance policies are valid for the duration of the contract.
 - l. All insurance policies are to be issued by an insurance company authorized to do business in the State of Texas and acceptable to County.
 - m. Bidder shall make any other insurance documentation available to County upon request.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MMDD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
	PHONE (A/C No. Ext):	FAX (A/C No.):
INSURED	E-MAIL:	
	ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A:	NAIC #
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXPI (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY						EACH OCCURRENCE \$
	COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	CLAIMS-MADE OCCUR						MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
	GENL AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COM/PROP AGG \$
	POLICY PROJECT LOC						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	ANY AUTO						BODILY INJURY (Per person) \$
	ALL OWNED AUTOS						BODILY INJURY (Per accident) \$
	HIRED AUTOS						PROPERTY DAMAGE (Per accident) \$
	SCHEDULED AUTOS						\$
	NON-OWNED AUTOS						\$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	EXCESS LIAB						AGGREGATE \$
	DED						\$
	RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS OTHER \$
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER	CANCELLATION
HIDALGO COUNTY ATTN: PURCHASING DEPARTMENT 2812 S, HIGHWAY BUS. 281 EDINBURG, TEXAS 78539	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

ACORD 25 (2010/05)

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INSURANCE REQUIREMENT ACKNOWLEDGMENT

I, _____, authorized representative for _____,
Company/Vendor

hereby acknowledge receipt of the County's required insurance limits. Said requirements:

- will be acquired within 10 working days after notification from Purchasing Department of award of the project by the Hidalgo County Commissioners' Court;
- will acquire additional amount needed to meet the County's requirements within 10 working days after notification from Purchasing Department of award of the project by the Hidalgo County Commissioners' Court; currently carry the following:

Professional Liability (Errors & Omissions): \$ _____
Automobile Liability: \$ _____ General Liability: \$ _____

- have already been met, see attached copy of certificate of insurance.

Authorized Representative

Date

Notice to Bidder:

A certificate of insurance for the required insurance limits shall be provided to the Purchasing Department in order to qualify for award of the project and to execute a contract between your Company and the County.

Failure to provide Certificates of Insurance to the Purchasing Department's Contract Managers will cause the award of the project to be rescinded and then re-awarded to next qualified vendor. Certificates of Insurance will be monitored and verified on a **quarterly basis** to ensure coverage policy is in place. It is the Company's obligation to maintain the appropriate insurance coverage throughout the term of the contract.

THIS FORM MUST BE ACCOMPANY YOUR RESPONSE

PROJECT REQUIREMENTS ACKNOWLEDGMENT

This is to certify that I, _____, possess all of the **APPLICABLE**:

1. Licenses: _____

2. Bonds: _____

3. Certificates: _____

4. Permits: _____

5. Other: _____
necessary to carry out the required project. Furthermore, I am providing copies of the required documentation so that, if my company is awarded this project, I may be eligible to enter into a contract with Hidalgo County and proceed to complete the project in a timely manner.

*** Any licenses, bonds, certificates, permits, etc. which are required must be presented as part of the bid packet in order to expedite the bid evaluation process. Failure to provide said documentation will result in the disqualification of your bid or response.**

Authorized Signature

Date

Company

Address

City, State, Zip



Appendix D

CONFLICT OF INTEREST QUESTIONNAIRE (CIQ)

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

FORM CIQ

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY

Date Received

1 Name of vendor who has a business relationship with local governmental entity.

2 **Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information is being disclosed.

Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

Yes No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes No

5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

6 Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7

Signature of vendor doing business with the governmental entity

Date

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

- (i) a contract between the local governmental entity and vendor has been executed;
- or
- (ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

- (1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);
- (2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or
- (3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

- (A) begins discussions or negotiations to enter into a contract with the local governmental entity; or
- (B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

- (A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);
- (B) that the vendor has given one or more gifts described by Subsection (a); or
- (C) of a family relationship with a local government officer.



Appendix E

VENDOR/BIDDER APPLICATION, HUB DECLARATION, and FORM W-9

HISTORICALLY UNDERUTILIZED BUSINESS (HUB) DECLARATION

The primary objective of the Hidalgo County HUB Program is to ensure Historically Underutilized Businesses receive a fair and equal opportunity for participation in the County’s procurement process. This fact holds true for Services (Professional & Non-Professional), Commodities, and Construction contracts and any subcontracts thereto. The program strongly encourages Prime Contractors to provide subcontracting opportunities to Certified Hub Contractors/Vendors. Our goal for HUB contractor/vendor participation, as well as HUB subcontractor participation is 30%. To be considered as a “Certified HUB Contractor/Vendor” the contractor/vendor must have been certified by, and hold a current and valid certification with any of the three agencies listed below.

Have you been Certified as a HUB or an MBE/WBE source?: Yes No

If yes, by whom?: Texas Building & Procurement Commission Other _____

Indicate Certification No(s): _____ or Are Certificate(s) Attached?: Yes No

LIST OF CERTIFIED HUB SUBCONTRACTORS

(Attach additional pages if necessary)

What percentage of the Bid, RFP, or RFQ is to be subcontracted with Certified HUB sources?: _____%
(List HUB Subcontractor information below).

HUB Subcontractor Name: _____ HUB Status:
Certifying Agency (Check all applicable): Texas Building & Procurement Commission Other
Address: _____ City: _____ State: _____ Zip:
Contact Person: _____ Title: _____ Phone No.: ()
Subcontract Amount: \$ _____ Description of Work to be Performed:

HUB Subcontractor Name: _____ HUB Status:
Certifying Agency (Check all applicable): Texas Building & Procurement Commission Other
Address: _____ City: _____ State: _____ Zip:
Contact Person: _____ Title: _____ Phone No.: ()
Subcontract Amount: \$ _____ Description of Work to be Performed:

HUB Subcontractor Name: _____ HUB Status:
Certifying Agency (Check all applicable): Texas Building & Procurement Commission Other
Address: _____ City: _____ State: _____ Zip:
Contact Person: _____ Title: _____ Phone No.: ()
Subcontract Amount: \$ _____ Description of Work to be Performed:

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

► Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.		
	2 Business name/disregarded entity name, if different from above		
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.		4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	<input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate		
	<input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.		
	<input type="checkbox"/> Other (see instructions) ► _____		
	5 Address (number, street, and apt. or suite no.) See instructions.		Requester's name and address (optional)
6 City, state, and ZIP code			
7 List account number(s) here (optional)			

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number											
				-			-				
or											
Employer identification number											
				-							

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ►	Date ►
------------------	----------------------------	--------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, *Withholding of Tax on Nonresident Aliens and Foreign Entities*).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the instructions for Part II for details),
3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships*, earlier.

What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C corporation, or S corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual • Sole proprietorship, or • Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single-member LLC
• LLC treated as a partnership for U.S. federal tax purposes, • LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or • LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• Partnership	Partnership
• Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/Businesses and clicking on Employer Identification Number (EIN) under Starting a Business. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983.

You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983.

You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor*
For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee

For this type of account:	Give name and EIN of:
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

*Note: The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes.

Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Visit www.irs.gov/IdentityTheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.



Appendix F

CERTIFICATION REGARDING DEBARMENT

Certification Regarding Debarment, Suspension and Ineligibility

As is required by the Federal Regulations Implementing Executive Order 12549, Debarment and Suspension, 45 CFR Part 76, Government-wide Debarment and Suspension, the applicant certifies, to the best of his or her knowledge and belief, that both it and its principals:

- a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency;
- b. Have not within a three-year period preceding this bid proposal and/or application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) transaction or contract under a public transaction, violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- c. Are not presently indicted for or otherwise criminally or civilly charged by a government entity with commission of any of the offenses enumerated herein; and
- d. Have not within a three-year period preceding this bid proposal and/or application had one or more public transactions terminated for cause or default.

Signature: _____
Print Name: _____
Title: _____
Telephone Number: _____
Date: _____

If the bidder is unable to certify to all of the statements in this Certification, such bidder should attach an explanation to this proposal.



Appendix G

TITLE VI APPENDICES “A”-“E”

APPENDIX A THE TITLE VI CONTRACTOR ASSURANCES

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations:** The contractor will comply with the Regulations relative to nondiscrimination in federally assisted programs of the United States Department of Transportation Federal Highway Administration, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Nondiscrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, national origin, sex, age, disability, income or Limited English Proficiency in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and Acts and the Regulations relative to Non-discrimination on the grounds of race, color, national origin, sex, age, or disability.
4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the federal funding agency (FHWA or FTA) to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the contractor shall so certify to the Recipient or the Federal Funding Agency, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Non-compliance:** In the event of the contractor's non-compliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the Federal Funding Agency may determine to be appropriate, including, but not limited to:
 - a. withholding contract payments to the contractor under the contract until the contractor complies; and/or
 - b. cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the Federal Funding Agency may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with, litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

APPENDIX B
CLAUSES FOR DEEDS TRANSFERRING UNITED STATES PROPERTY

The following clauses will be included in deeds effecting or recording the transfer of real property, structures, or improvements thereon, or granting interest therein from the United States pursuant to the provisions of Assurance 4:

NOW, THEREFORE, the U.S. Department of Transportation as authorized by law and upon the condition that the **COUNTY OF HIDALGO** will accept title to the lands and maintain the project constructed thereon in accordance with (Name of Appropriate Legislative Authority), the Regulations for the Administration of (Naming of Appropriate Program), and the policies and procedures prescribed by the (Federal Highway Administration) of the U.S. Department of Transportation in accordance and in compliance with all requirements imposed by Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs of the U.S Department of Transportation pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252; 42 U.S.C. 2000d to 2000d-4), does hereby remise, release, quitclaim and convey unto the **COUNTY OF HIDALGO** all the right, title and interest of the U.S. Department of Transportation in and to said lands described in Exhibit A attached hereto and made a part hereof.

(HABENDUM CLAUSE)

TO HAVE AND TO HOLD said lands and interests therein unto **COUNTY OF HIDALGO** and its successors forever, subject, however, to the covenants, conditions, restrictions and reservations herein contained as follows, which will remain in effect for the period during which the real property or structures are used for a purpose for which Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits and will be binding on the **COUNTY OF HIDALGO**, its successors and assigns.

The **COUNTY OF HIDALGO**, in consideration of the conveyance of said lands and interests in lands, does hereby covenant and agree as a covenant running with the land for itself, its successors and assigns, that (1) no person will on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such lands hereby conveyed [,] [and] * (2) that the **COUNTY OF HIDALGO** will use the lands and interests in lands and interests in lands so conveyed, in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation, Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations and Acts may be amended[, and (3) that in the event of breach of any of the above-mentioned non-discrimination conditions, the Department will have a right to enter or re-enter said lands and facilities on said land, and that above described land and facilities will thereon revert to and vest in and become the absolute property of the U.S. Department of Transportation and its assigns as such interest existed prior to this instruction]. *

(*Reverter clause and related language to be used only when it is determined that such a clause is necessary in order to make clear the purpose of Title VI.)

APPENDIX C

CLAUSES FOR TRANSFER OF REAL PROPERTY ACQUIRED OR IMPROVED UNDER THE ACTIVITY, FACILITY, OR PROGRAM

The following clauses will be included in deeds, licenses, leases, permits, or similar instruments entered into by the **COUNTY OF HIDALGO** pursuant to the provisions of Assurance 7(a):

- A. The (grantee, lessee, permittee, etc. as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree [in the case of deeds and leases add "as a covenant running with the land"] that:
 1. In the event facilities are constructed, maintained, or otherwise operated on the property described in this (deed, license, lease, permit, etc.) for a purpose for which a U.S. Department of Transportation activity, facility, or program is extended or for another purpose involving the provision of similar services or benefits, the (grantee, licensee, lessee, permittee, etc.) will maintain and operate such facilities and services in compliance with all requirements imposed by the Acts and Regulations (as may be amended) such that no person on the grounds of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.
- B. With respect to licenses, leases, permits, etc., in the event of breach of any of the above Non-discrimination covenants, **COUNTY OF HIDALGO** will have the right to terminate the (lease, license, permit, etc.) and to enter, re-enter, and repossess said lands and facilities thereon, and hold the same as if the (lease, license, permit, etc.) had never been made or issued.*
- C. With respect to a deed, in the event of breach of any of the above Non-discrimination covenants, the **COUNTY OF HIDALGO** will have the right to enter or re-enter the lands and facilities thereon, and the above described lands and facilities will there upon revert to and vest in and become the absolute property of the **COUNTY OF HIDALGO** and its assigns. *

(*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.

APPENDIX D
CLAUSES FOR CONSTRUCTION/USE/ACCESS TO REAL PROPERTY ACQUIRED UNDER
THE ACTIVITY, FACILITY OR PROGRAM

The following clauses will be included in deeds, licenses, permits, or similar instruments/agreements entered into by **COUNTY OF HIDALGO** pursuant to the provisions of Assurance 7(b)”

- A. The (grantee, licensee, permittee, etc., as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds and leases add, “as a covenant running with the land”) that (1) no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land, and the furnishing of services thereon, no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, lessee, permittee, etc.) will use the premises in compliance with all other requirements imposed by or pursuant to the List of discrimination Acts And Authorities.
- B. With respect to (licenses, leases, permits, etc.), in the event of breach of any of the above nondiscrimination covenants, **COUNTY OF HIDALGO** will have the right to terminate the (license, permit, etc., as appropriate) and to enter or re-enter and repossess said land and the facilities thereon, and hold the same as if said (license, permit, etc., as appropriate) had never been made or issued.*
- C. With respect to deeds, in the event of breach of any of the above nondiscrimination covenants, **COUNTY OF HIDALGO** will there upon revert to and vest in and become the absolute property of **COUNTY OF HIDALGO** and its assigns.*

(*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.)

APPENDIX E

TITLE VI LIST OF PERTINENT NONDISCRIMINATION ACTS AND AUTHORITIES

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “Contractor”) agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Nondiscrimination Authorities

- Title VI of the Civil Rights Act of 1964 (42 USC § 2000d *et seq.*, 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination in Federally-assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 USC § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973 (29 USC § 794 *et seq.*), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- The Age Discrimination Act of 1975, as amended (42 USC § 6101 *et seq.*) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982 (49 USC § 471, Section 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987 (PL 100-209) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 USC §§ 12131 – 12189) as implemented by U.S. Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration’s Nondiscrimination statute (49 USC § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 USC 1681 *et seq.*).



Appendix H

REQUIRED CONTRACT CLAUSES FOR CONTRACTS UNDER FEDERAL AWARD

2 C.F.R. § 200.326 & 2 C.F.R. Part 200, Appendix II, Required Contract Clauses for Non-Federal Entity Contracts Under Federal Awards

The United States Office of Management and Budget (OMB) issued in 2 C.F.R. 200: *Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards* (Uniform Guidance). Subpart D: Post Federal Award Requirements: 2 CFR §§200.317-200.326 of the Uniform Guidance contain provisions applicable to procurements made with federal grant funding.

As a non-Federal entity, the Hidalgo County Drainage District No. 1 (“District”) contracts must contain the applicable contract clauses described in Appendix II to the Uniform Guidance (Contract Provisions for non-Federal Entity Contracts Under Federal Awards), which are set forth below. 2 C.F.R. §200.326. If applicable, the following clauses shall supersede any existing, similar clauses stated within the bid document, contract, and/or Terms and Conditions. *The term “Contractor” used herein refers to the proposer, bidder or other entity/individual responding to the applicable procurement packet.*

If applicable, the regulations in 2 CFR, Part 200 and Appendix II to the Uniform Guidance, as it may be amended from time to time, and the contract clauses below, are incorporated by reference as part of this procurement packet and any resulting agreement.

To procure goods and services using funds under a federal grant or contract, specific federal laws, regulations, and requirements may apply in addition to those under state law. The following provisions are required and apply when federal funds are expended by the District for any contract resulting from this procurement process.

1. Remedies.

- a. **Applicability.** This requirement applies to all Federal grant and cooperative agreement programs.
- b. **Standard.** Contracts for more than the simplified acquisition threshold currently set at \$150,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate. See 2 C.F.R. Part 200, Appendix II, ¶ A.
- c. **Statement.** Pursuant to Federal Rule (A) above, when federal funds are expended by the District, the District reserves all rights and privileges under the applicable laws and regulations with respect to this procurement in the event of breach of contract by either party. Contractor shall comply with all applicable Federal, State of Texas, and local laws, rules, and regulations and shall obtain all applicable licenses and permits for the conduct of its business and the performance of the services, and any provision of equipment and material (“Applicable Law”). All transactions related to any of the Contract Documents shall be governed by the laws of the State of Texas, and trial of any action brought in connection with the bid or the Contract Documents shall be held exclusively in a state court in the County of Hidalgo, Texas.

2. Termination for Cause and Convenience.

- a. **Applicability.** This requirement applies to all Federal grant and cooperative agreement programs.
- b. **Standard.** All contracts in excess of \$10,000 shall address termination for cause and for convenience by the non-Federal entity including the manner by which it will be effected and the basis for settlement as follows. See 2 C.F.R. Part 200, Appendix II, ¶ B.

- c. **Statement. Termination.** District may terminate this Agreement for any reason upon ten (10) days written notice to the other party. District may terminate this Agreement immediately upon written notice if Contractor breaches this Agreement. In the event of any termination, Contractor shall promptly deliver to the District any and all Work Materials prepared for the District prior to the effective date of such termination, all of which shall become District's sole property. After receipt of the Work Materials, District will pay Contractor for the services which the District determines were satisfactorily performed as of the effective date of the termination.

Excuses for Non-Performance. Either party shall be absolved from its obligations under this contract when and to the extent that performance is delayed or prevented (and in the District's case when and to the extent that its need for the articles, materials or work to be supplied hereunder is reduced or eliminated) by reason of acts of God, fire explosion, war riots, strikes, labor disputes, or governmental laws, orders or regulations.

Default. If Contractor or Subcontractor shall breach any provision hereof or shall become insolvent, enter voluntary or involuntary bankruptcy or receivership proceedings or make an assignment to the benefit of creditors, District shall have the right (without limiting any other rights or remedies which it may have hereunder or by operation of law) to terminate this contract by written notice to Contractor whereupon District shall be relieved of all further obligation hereunder except the obligation to pay the reasonable value of Contractor's prior performance (at not exceeding the contract rate), and Contractor shall be liable to District for all costs incurred by District in completing or procuring the completion of performance in excess of the contract price herein specified. The District's right to require strict performance of any obligation hereunder shall not be affected by any previous waiver, forbearance of course of dealing. Time is of the essence thereof.

3. **Equal Employment Opportunity.**

- a. **Applicability:** This requirement applies to all Federal grant and cooperative agreement programs.
- b. **Standard.** Except as otherwise provided under 41 C.F.R. Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 C.F.R. § 60-1.3 must include the equal opportunity clause provided under 41 C.F.R. § 60- 1.4(b), in accordance with Executive Order 11246, *Equal Employment Opportunity* (30 Fed. Reg. 12319, 12935, 3 C.F.R. Part, 1964- 1965 Comp., p. 339), as amended by Executive Order 11375, *Amending Executive Order 11246 Relating to Equal Employment Opportunity*, and implementing regulations at 41 C.F.R. Part 60 (Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor). See 2 C.F.R. Part 200, Appendix II, ¶ C.

- c. **Key Definitions:**

- (1) *Federally Assisted Construction Contract.* The regulation at 41 C.F.R. § 60-1.3 defines a "federally assisted construction contract" as any agreement or modification thereof between any applicant and a person for construction work which is paid for in whole or in part with funds obtained from the Government or borrowed on the credit of the Government pursuant to any Federal program involving a grant, contract, loan, insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan, insurance, or guarantee, or any application or modification thereof approved by the Government for a grant, contract, loan, insurance, or guarantee under which the applicant itself participates in the construction work.

- (2) *Construction Work.* The regulation at 41 C.F.R. § 60-1.3 defines "construction work" as the construction, rehabilitation, alteration, conversion, extension, demolition or repair of buildings, highways, or other changes or improvements to real property, including facilities providing

utility services. The term also includes the supervision, inspection, and other onsite functions incidental to the actual construction

- d. Statement: Contractor will comply with the Nondiscrimination Civil Rights Act of 1964, as amended and all Federal regulations relative to nondiscrimination in Federally assisted programs. The regulation at 41 C.F.R. Part 60-1.4(b) requires the insertion of the following contract clause:

“During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- (2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.
- (3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (4) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (5) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (6) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions as may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (7) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any

subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, That in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency the contractor may request the United States to enter into such litigation to protect the interests of the United States.”

4. **Davis Bacon Act and Copeland Anti-Kickback Act.**

- a. **Applicability of Davis-Bacon Act.** The Davis-Bacon Act only applies to the emergency Management Preparedness Grant Program, Homeland Security Grant Program, Nonprofit Security Grant Program, Tribal Homeland Security Grant Program, Port Security Grant Program, and Transit Security Grant Program. **It does not apply to other Federal grant and cooperative agreement programs, including the Public Assistance Program.**
- b. **Standard.** All prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. §§ 3141-3144 and 3146-3148) as supplemented by Department of Labor regulations at 29 C.F.R. Part 5 (Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction)). See 2 C.F.R. Part 200, Appendix II, ¶ D.

In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week.

The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding City.

In contracts subject to the Davis-Bacon Act, the contracts must also include a provision for compliance with the Copeland “Anti-Kickback” Act (40 U.S.C. § 3145), as supplemented by Department of Labor regulations at 29 C.F.R. Part 3 (Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States). The Copeland Anti-Kickback Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to FEMA or applicable Federal entity.

- c. **Statement.** The regulation at 29 C.F.R. § 5.5(a) does provide the required contract clause that applies to compliance with both the Davis-Bacon and Copeland Acts. However, as discussed in the previous subsection, the Davis-Bacon Act does not apply to Public Assistance recipients and subrecipients. In situations where the Davis-Bacon Act does not apply, neither does the Copeland “Anti-Kickback Act.” However, for purposes of grant programs where both clauses do apply, FEMA or applicable Federal entity requires the following contract clause:

“Compliance with the Copeland “Anti-Kickback” Act.

- (1) *Contractor.* The contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.

- (2) *Subcontracts.* The contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as Federal requirements may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.
- (3) *Breach.* A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.”

5. **Contract Work Hours and Safety Standards Act.**

- a. **Applicability:** This requirement applies to all Federal grant and cooperative agreement programs.
- b. **Standard.** Where applicable (see 40 U.S.C. § 3701), all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. §§ 3702 and 3704, as supplemented by Department of Labor regulations at 29 C.F.R. Part 5. See 2 C.F.R. Part 200, Appendix II, ¶ E.

Under 40 U.S.C. § 3702, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week.

The requirements of 40 U.S.C. § 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

The regulation at 29 C.F.R. § 5.5(b) provides the required contract clause concerning compliance with the Contract Work Hours and Safety Standards Act:

- c. **Statement.**

“Compliance with the Contract Work Hours and Safety Standards Act.

- (1) *Overtime requirements.* No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- (2) *Violation; liability for unpaid wages; liquidated damages.* In the event of any violation of the clause set forth in paragraph (1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.

(3) *Withholding for unpaid wages and liquidated damages.* The District shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.

(4) *Subcontracts.* The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.”

6. **Rights to Inventions Made Under a Contract or Agreement.**

a. Applicability: Stafford Act Disaster Grants. This requirement **does not apply to the Public Assistance**, Hazard Mitigation Grant Program, Fire Management Assistance Grant Program, Crisis Counseling Assistance and Training Grant Program, Disaster Case Management Grant Program, and Federal Assistance to Individuals and Households – Other Needs Assistance Grant Program, as FEMA or Federal awards under these programs do not meet the definition of “funding agreement.”

b. Standard. If the FEMA or Federal award meets the definition of “funding agreement” under 37 C.F.R. § 401.2(a) and the non-Federal entity wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the non-Federal entity must comply with the requirements of 37 C.F.R. Part 401 (Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements), and any implementing regulations issued by FEMA or applicable awarding agency. See 2 C.F.R. Part 200, Appendix II, ¶ F.

c. Key Definition: The regulation at 37 C.F.R. § 401.2(a) currently defines “funding agreement” as any contract, grant, or cooperative agreement entered into between any Federal agency, other than the Tennessee Valley Authority, and any contractor for the performance of experimental, developmental, or research work funded in whole or in part by the Federal government. This term also includes any assignment, substitution of parties, or subcontract of any type entered into for the performance of experimental, developmental, or research work under a funding agreement as defined in the first sentence of this paragraph.

7. **Clean Air Act and the Federal Water Pollution Control Act.**

a. Applicability and Standard: Contracts of amounts in excess of \$150,000 must contain a provision that requires the contractor to agree to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act (42 U.S.C. §§ 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. §§ 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency. See 2 C.F.R. Part 200, Appendix II, ¶ G.

b. Statement: Included in contracts as provided in section “7a” above.

- (1) The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. and the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
- (2) The contractor agrees to report each violation to the Federal awarding agency (e.g. Federal Emergency Management Agency-FEMA) and the Regional Office of the Environmental Protection Agency. Contractor understands and agrees that each violation reported to the District will, in turn, be reported as required to assure notification to the Federal awarding agency and the appropriate Environmental Protection Agency Regional Office.
- (3) The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by the applicable Federal awarding agency (e.g. FEMA).

8. **Debarment and Suspension.**

- a. **Applicability:** This requirement applies to all Federal grant and cooperative agreement programs.
- b. **Standard.** Non-Federal entities and contractors are subject to the debarment and suspension regulations implementing Executive Order 12549, *Debarment and Suspension* (1986) and Executive Order 12689, *Debarment and Suspension* (1989) at 2 C.F.R. Part 180 and the Department of Homeland Security's regulations at 2 C.F.R. Part 3000 (Nonprocurement Debarment and Suspension).

These regulations restrict awards, subawards, and contracts with certain parties that are debarred, suspended, or otherwise excluded from or ineligible for participation in Federal assistance programs and activities. See 2 C.F.R. Part 200, Appendix II, ¶ H; and Chapter IV, ¶ 6.d and Appendix C, ¶ 2. A contract award must not be made to parties listed in the SAM Exclusions. SAM Exclusions is the list maintained by the General Services Administration that contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. SAM exclusions can be accessed at www.sam.gov. See 2 C.F.R. § 180.530; Chapter IV, ¶ 6.d and Appendix C, ¶ 2.

In general, an "excluded" party cannot receive a Federal grant award or a contract within the meaning of a "covered transaction," to include subawards and subcontracts. This includes parties that receive Federal funding indirectly, such as contractors to recipients and subrecipients. The key to the exclusion is whether there is a "covered transaction," which is any nonprocurement transaction (unless excepted) at either a "primary" or "secondary" tier. Although "covered transactions" do not include contracts awarded by the Federal Government for purposes of the nonprocurement common rule and DHS's implementing regulations, it does include some contracts awarded by recipients and subrecipient.

Specifically, a covered transaction includes the following contracts for goods or services:

- (1) The contract is awarded by a recipient or subrecipient in the amount of at least \$25,000.
- (2) The contract requires the approval of FEMA or applicable Federal entity, regardless of amount.
- (3) The contract is for Federally-required audit services.
- (4) A subcontract is also a covered transaction if it is awarded by the contractor of a recipient or subrecipient and requires either the approval of FEMA or applicable Federal entity or is in excess of \$25,000.

- c. **Statement.** The following provides a debarment and suspension clause. It incorporates a method of verifying that contractors are not excluded or disqualified:

For maximum protection, provide a print or electronic document for every prime and subcontractor, from www.sam.gov in order to ensure that they are not debarred, suspended, or otherwise excluded from or ineligible for participation in Federal assistance programs and activities.

This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the contractor is required to verify that none of the contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.

This certification is a material representation of fact relied upon by (insert name of subrecipient). If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (name of state agency serving as recipient and name of subrecipient), the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.”

9. **Byrd Anti-Lobbying Amendment.**

- a. Applicability: This requirement applies to all Federal grant and cooperative agreement programs.
- b. Standard. Contractors that apply or bid for an award of \$100,000 or more must file the required certification. See 2 C.F.R. Part 200, Appendix II, ¶ I; 44 C.F.R. Part 18; Chapter IV, 6.c; Appendix C, ¶ 4. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any City, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. § 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award. See Chapter IV, ¶ 6.c and Appendix C, ¶ 4.
- c. Statement. The following statement in bold provides a Byrd Anti-Lobbying contract clause:

(IF APPLICABLE, PLEASE FILL IN BLANKS AND SIGN)

“Byrd Anti-Lobbying Amendment, 31 U.S.C. § 1352 (as amended)

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.”

APPENDIX A, 44 C.F.R. PART 18 – CERTIFICATION REGARDING LOBBYING
Certification for Contracts, Grants, Loans, and Cooperative Agreements
(To be submitted with each bid or offer exceeding \$100,000)

The undersigned Contractor, _____
certifies, to the best of his or her knowledge, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form- LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, _____, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 *et seq.*, apply to this certification and disclosure, if any.

Signature of Contractor’s Authorized Official

Name and Title of Contractor’s Authorized Official

Date”

10. **Procurement of Recovered Materials.**

- a. **Applicability:** This requirement applies to all Federal grant and cooperative agreement programs.
- b. **Standard.** A non-Federal entity that is a **state agency or agency of a political subdivision** of a state and its contractors must comply with Section 6002 of the Solid Waste Disposal Act, Pub. L. No. 89-272 (1965) (codified as amended by the Resource Conservation and Recovery Act at 42 U.S.C. § 6962). See 2 C.F.R. Part 200, Appendix II, ¶ J; 2 C.F.R. § 200.322; *PDAT Supplement*, Chapter V, ¶ 7.

The requirements of Section 6002 include procuring only items designated in guidelines of the EPA at 40 C.F.R. Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired by the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

- c. **Statement.** The following provides the clause that a state agency or agency of a political subdivision of a state and its contractors can include in contracts meeting the above contract thresholds:

“(1) In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA- designated items unless the product cannot be acquired—

- (i) Competitively within a timeframe providing for compliance with the contract performance schedule;
- (ii) Meeting contract performance requirements; or
- (iii) At a reasonable price.

(2) Information about this requirement, along with the list of EPA-designate items, is available at EPA’s Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program> .”

Additional Required Contract Clauses for Non-Federal Entity Contracts Under Federal Awards with the Federal Emergency Management Agency (FEMA)

Additional FEMA or applicable Federal Requirements. In addition to the requirements above, non-Federal entity contracts under Federal award subject to financial assistance from FEMA are required to contain the following additional contract clauses. The Uniform Guidance authorizes FEMA to require additional provisions for non-Federal entity contracts. FEMA, pursuant to this authority, requires or recommends the following:

These clauses are incorporated by reference as part of this procurement packet and any resulting agreement.

11. **Changes.**

- a. **Standard.** To be eligible for FEMA assistance under the non-Federal entity’s Federal grant or cooperative agreement, the cost of the change, modification, change order, or constructive change must be allowable, allocable, within the scope of its grant or cooperative agreement, and reasonable for the completion of project scope. FEMA or applicable Federal entity recommends, therefore, that a non-Federal entity include a changes clause in its contract that describes how, if at all,

changes can be made by either party to alter the method, price, or schedule of the work without breaching the contract. The language of the clause may differ depending on the nature of the contract and the end-item procured.

b. Statement. The following provides a contract clause regarding access to records:

“The contractor shall secure written authorization before proceeding with any additional work, whether requested by the District or required to complete the contract. The cost for any changes to the contract price, whether requested by the District or the Contractor will be approved only after submitting the contractor’s true costs for the work and related equipment costs and site expenses.”

12. **Access to Records.**

a. Standard. All non-Federal entities must place into their contracts a provision that all contractors and their successors, transferees, assignees, and subcontractors acknowledge and agree to comply with applicable provisions governing Department and FEMA or applicable Federal entity access to records, accounts, documents, information, facilities, and staff. See DHS Standard Terms and Conditions, v 3.0, ¶ XXVI (2013).

b. Statement. The following provides a contract clause regarding access to records:

“Access to Records. The following access to records requirements apply to this contract:

- (1) The contractor agrees to provide the District, the FEMA or applicable Federal Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.
- (2) The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
- (3) The contractor agrees to provide the FEMA or applicable Federal Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.”

13. **DHS Seal, Logo, and Flags.**

a. Standard. All non-Federal entities must place in their contracts a provision that a contractor shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS City officials without specific FEMA or applicable Federal entity pre-approval. See DHS Standard Terms and Conditions, v3.0, ¶ XXV (2013).

b. Statement. The following provides a contract clause regarding DHS Seal, Logo, and Flags:

“The contractor shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS City officials without specific FEMA or applicable Federal entity pre- approval.”

14. **Compliance with Federal Law, Regulations, and Executive Orders.**

a. Standard. All non-Federal entities must place into their contracts an acknowledgement that FEMA or applicable Federal financial assistance will be used to fund the contract along with the requirement that the contractor will comply with all applicable Federal law, regulations, executive orders, and FEMA or applicable Federal policies, procedures, and directives.

- b. Statement. The following provides a contract clause regarding Compliance with Federal Law, Regulations and Executive Orders:

“This is an acknowledgement that Federal financial assistance will be used to fund the contract only. The contractor will comply will all applicable Federal law, regulations, executive orders, FEMA or applicable Federal policies, procedures, and directives.”

15. No Obligation by Federal Government.

- a. Standard. The non-Federal entity must include a provision in its contract that states that the Federal Government is not a party to the contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.
- b. Statement. The following provides a contract clause regarding no obligation by the Federal Government:

“The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.”

16. Program Fraud and False or Fraudulent Statements or Related Acts.

- a. Standard. The non-Federal entity must include a provision in its contract that the contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to its actions pertaining to the contract.
- b. Statement. The following provides a contract clause regarding Fraud and False or Fraudulent Related Acts:

“The contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the contractor’s actions pertaining to this contract.”

Contractor agrees to comply with all federal, state and local laws, rules, regulations and ordinances, as applicable. It is further acknowledged that the Contractor read and understands all provisions, laws, acts, regulations, etc. as specifically noted above and certifies compliance with the same.

Vendor’s Name/Company Name: _____

Printed Name and Title of Authorized Representative: _____

Signature of Authorized Representative: _____

Date: _____



Appendix I

FHWA 1273

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.



Appendix J

RESPONDENT'S AFFIDAVIT

**EXHIBIT J
RESPONDENT'S AFFIDAVIT**

**PROPOSER'S AFFIDAVIT OF NON-COLLUSION, NON-CONFLICT OF INTEREST, AND
ANTI-LOBBYING**

STATE OF TEXAS
COUNTY OF HIDALGO

Affiant, _____, being first duly sworn, deposes that:

(1) Affiant does hereby state neither the proposer nor any of the proposer's officers, partners, owners, agents, representatives, employees, or parties in interest, has in any way colluded, conspired, agreed, directly or indirectly with any person, firm, corporation, or another proposer, or potential proposer, to provide any money or other valuable consideration for assistance in procuring or attempting to procure a contract or fix the prices in the attached proposed or the proposal of any other proposer, and further states that no such money or another reward will be hereinafter paid.

(2) Affiant further states they have neither recommended nor suggested to Hidalgo County or any of its officials or employees, any of the terms or provisions set forth in their Request for Proposal and subsequent agreement, except at a meeting open to all interested proposers, of which proper notice was given.

(3) Affiant, further states their officers, employees, or agents have not, and will not attempt to lobby, directly or indirectly, the Hidalgo County Commissioner's Court between proposal submission date and award by the Hidalgo County Commissioner's Court.

(4) Affiant further states no officer, or stockholder of the proposer is a member of the staff, or related to any employee of Hidalgo County except as noted herein below:

Signature/Title: _____

Subscribed and sworn to before me this _____ day of _____, 20____.

Notary Public

My commission expires: _____, 20____



Appendix M

REFERENCE FORM

REFERENCE FORM

Respondent's involvement with reference checks is not permitted. Only Hidalgo County Purchasing Department or authorized designees will conduct reference checks. Any deviation to this may result in rejection of your response.

Reference One

Client's Name: _____
Type of Organization: _____
Address: _____

Contact Person: _____ Title: _____
Telephone: _____ E-Mail: _____

Project Information:

Name of Project: _____

Scope of Work: _____

Contract Period: From _____ to _____
Cost: Projected \$ _____ Actual \$ _____
Timeframe (include unit measure) Projected _____ Actual _____
Status as of _____ (circle one): complete in progress canceled.
Date

Reference Two

Client's Name: _____
Type of Organization: _____
Address: _____

Contact Person: _____ Title: _____
Telephone: _____ E-Mail: _____

Project Information:

Name of Project: _____

Scope of Work: _____

Contract Period: From _____ to _____
Cost: Projected \$ _____ Actual \$ _____
Timeframe (include unit measure) Projected _____ Actual _____
Status as of _____ (circle one): complete in progress canceled.
Date

Reference Three

Client's Name: _____
Type of Organization: _____
Address: _____

Contact Person: _____ Title: _____
Telephone: _____ E-Mail: _____

Project Information:

Name of Project: _____

Scope of Work: _____

Contract Period: From _____ to _____
Cost: Projected \$ _____ Actual \$ _____
Timeframe (include unit measure) Projected _____ Actual _____
Status as of _____ (circle one): complete in progress canceled.
Date

Reference Four

Client's Name: _____
Type of Organization: _____
Address: _____

Contact Person: _____ Title: _____
Telephone: _____ E-Mail: _____

Project Information:

Name of Project: _____

Scope of Work: _____

Contract Period: From _____ to _____
Cost: Projected \$ _____ Actual \$ _____
Timeframe (include unit measure) Projected _____ Actual _____
Status as of _____ (circle one): complete in progress canceled.
Date



Appendix N

SHIPPING LABEL

SHIPPING LABEL

Below is a sample of how the response in an appropriate sized box or envelop should be submitted. Using this shipping label is optional, but preferred. Please cut out along the dotted line below, and affix to the outside of your response package on the lower right hand size. Ensure your company name and address is listed on the top left hand corner.

COMPANY NAME
COMPANY ADDRESS
CITY, STATE ZIP



HIDALGO COUNTY

Sealed Submission for 2021 Pools of Professional Services

RFQ No.: 2020-565-03-10-HGO

Engineering Services

OPENING DATE: Wednesday, March 10, 2021

OPENING TIME: 3:00 PM

TO: Martha L. Salazar, CPPB

ATTN: **Heidi G. Ortiz**

Hidalgo County Administration Building

Purchasing Department

2802 S. BUS. HWY 281

Edinburg, TX 78539

EXHIBIT "B"
Services to be provided by the County

1. The County will issue work authorization to initiate all required services and designate the authorized representative of the coordination of each work authorization.
2. The County will provide copies of all subdivision plats of record and/or in the subdivision process.
3. The County will provide the Engineer with on-going guidance, timely reviews, and decisions necessary to complete services required by the work authorization in order to permit the Engineer to maintain an agreed upon project schedule.
4. The County will process all acceptable requests for payment in a timely manner.

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 1-PROJECT DESCRIPTION

The services designated herein as "Services provided by the ENGINEER" shall include the performance of all engineering services for the following described facility:

COUNTY/CITY: HIDALGO COUNTY

CONTROL: _____

PROJECT/DESCRIPTION: UPDATE PHASE I – EA, SCHEMATIC DESIGN
PUBLIC INVOLVEMENT, SURVEYS FOR ROADWAY
OUTFALLS AND ROW MAPPING

LENGTH: 1.4 Miles

HIGHWAY: MILE 1

LIMITS: FROM: BUSINESS 83 TO MILE 8

PROJECT CLASSIFICATION

(Place an "X" in only one Project Classification)

- Surface Treatment
- Overlay
- Rehabilitation Existing Road (Scarify & Reshape)
- Convert Non-Freeway to Freeway
- Widen Freeway
- Widen Non-Freeway
- New Location Toll Freeway
- New Location Non-Freeway
- Interchange (New or Reconstruct)
- Bridge Widening or Rehabilitation
- Bridge Replacement
- Upgrade to Standards - Freeway
- Upgrade to Standards - Non-Freeway
- Miscellaneous Studies (Use Function Code 110 for All Tasks)

ENGINEER shall mean L&G Engineering.

STATE shall mean Texas Department of Transportation and/or City of _____.

COUNTY shall mean _____ County.

CITY shall mean the City of _____.

LPA shall mean _____.

EXHIBIT “C”
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 2 – LEVEL OF SERVICE ANALYSIS AND ENGINEERING
(Function Code 102)

Services
Provided By:
ENGINEER CITY/COUNTY

- | | | |
|---|---|--|
| — | — | Preliminary Design Values
<i>The Engineer will work with the Owner to establish basic design concepts, project controls and general scope of Projects.</i> |
| — | — | Preliminary Route Locations on Uncontrolled Mapping
<i>The Engineer will evaluate various alternatives (route locations, alignment shifts, geometry) for the Project.</i> |
| — | — | Uncontrolled Mapping (w/Contours & GIS Info)
<i>The Engineer will investigate the existing routes and coordinate with the Owner on establishing the best-fit alignments and mapping proposed geometry for Projects. Preliminary Location Exhibit will be developed.</i> |
| — | — | Preliminary Traffic Evaluations & Trends
<i>The Engineer will investigate existing traffic models and trends for the proposed Projects and adjacent roadways tying into the proposed Projects.</i> |
| — | — | Preliminary Hydrologic Map
<i>The Engineer will develop a Hydrologic Map for the Projects. Hydrologic Maps will be based on LIDAR and GIS information.</i> |
| — | — | Preliminary ROW Requirements
<i>The Engineer will research and identify affected property owners on the Projects utilizing the latest appraisal district file information from Hidalgo County Appraisal District and information from Carson Maps.</i> |
| — | — | Preliminary Cost Estimates
<i>The Engineer will calculate preliminary construction cost estimates for the location and geometry of the Projects.</i> |
| — | — | Preliminary Environmental Analysis (for fatal flaws)
<i>The Engineer will perform Preliminary Environmental Constraint Mapping to determine if any fatal flaws exist along the proposed alignment.</i> |
| — | — | Project Fact Sheet with Est. Local Cost vs. Total Project Cost
<i>The Engineer will produce a Project Fact Sheet providing summaries of all pertinent items in this scope of services (as required) and providing estimated local costs vs. total project costs for the Projects.</i> |
| — | — | Meetings, Coordination & Support for Project Development
<i>The Engineer shall provide coordination services and shall assist in meetings and workshops with TxDOT, Hidalgo County, Hidalgo County Drainage District No. 1 and Hidalgo County Irrigation Districts, and all other affected parties. The Engineer shall serve as representative for the Owner in coordination items. The Engineer shall coordinate with the Owner’s staff on all Project related items.</i> |

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 3 - ROUTE AND DESIGN STUDIES
(Function Code 110)

Services
Provided By:
ENGINEER CITY/COUNTY

- | | | |
|-----|-----|--|
| ___ | ___ | 1. Route Location Studies |
| ___ | ___ | 2. Level of Service Analysis |
| ___ | ___ | 3. Traffic Evaluations and Projections |
| ___ | ___ | 4. Develop Roadway Design Criteria |
| ___ | ___ | 5. Preliminary Cost Estimates |
| ___ | ___ | 6. Design Schematic
(See Section 7, page 7-1 for schematic layout requirements) |
| ___ | ___ | 7. Preliminary Right-of-Way Requirements |
| ___ | ___ | 8. Design Concept Conference |
| ___ | ___ | 9. Soil Core Hole Drilling |
| ___ | ___ | a. Pavement (See Section 7, pages 7-2 thru 7-3 for requirements) |
| ___ | ___ | b. Retaining Walls (See Section 10, page 10-1 for requirements) |
| ___ | ___ | c. Miscellaneous Structures (See Section 10, page 10-3 for requirements) |
| ___ | ___ | d. Bridges (See Section 11, page 11-2 thru 11-3 for requirements) |

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

**SECTION 4 - SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES
AND PUBLIC INVOLVEMENT**

(Function Code 120)

Services

Provided By:

ENGINEER CITY/COUNTY

1. Environmental Reports

All Environmental Reports shall be in accordance with 43 Texas Administrative Code (TAC) 2.40-2.51, Code of Federal Regulations, Title 23, Part 771 and Highway Design Operations and Procedures Manual, Part II-B.

a. Environmental Assessments

- ___ ___ (1) An Environmental Assessment shall be prepared, anticipating a Categorical Exclusion.
- ___ ___ (2) An Environmental Assessment shall be prepared in accordance with 23 USC 327 and the 2014 TxDOT-FHWA Memorandum of Understanding, anticipating a Finding of No Significant Impact.
- ___ ___ (3) An Environmental Assessment shall be prepared, anticipating the need for a Draft Environmental Impact Statement.

b. Environmental Impact Statement

- ___ ___ (1) A Draft Environmental Impact Statement shall be prepared. After appropriate interagency and public reviews within time limits prescribed by the Code of Federal Regulations, Title 23, Part 771 and 43 Texas Administrative Code 2.40-2.51, a Final Environmental Impact Statement shall be prepared.
- ___ ___ (2) A Section 4(f) Statement (Department of Transportation Act) shall be provided by the ENGINEER. The format and content of the statement is found in FHWA Technical Advisory T6640.8A.

2. Public Involvement

All public involvement procedures shall be in accordance with 43 Texas Administrative Code (TAC) 2.40-2.51, Code of Federal Regulations Title 23, Part 771 and Highway Design Operations and Procedures Manual, Part II-B.

- ___ ___ a. A public involvement meeting(s) and public hearing shall be scheduled, coordinated and conducted.
- ___ ___ b. Technical assistance for one public meeting and one public hearing, preparation of, and maintenance of contact lists, minutes of meeting(s), exhibit preparation, and other tasks outlined by the COUNTY, shall be provided.
- ___ ___ c. A Notice of Availability (NOA) shall be published by the COUNTY upon approval of the environmental decision.

3. Technical Reports

All technical reports shall be prepared in accordance with TxDOT's environmental rules and guidelines.

___ ___ a. Air Quality Analysis

An air quality analysis shall be prepared in accordance with the STATE'S Air Quality Guidelines. The air quality analysis shall be provided as a Technical Report and a summary of the air quality results included in the administratively complete document for the project.

___ ___ b. Biological Technical Report

A biological form and technical report shall be prepared in accordance with the STATE'S Biological Guidelines. The report will include water resources, and threatened and endangered species.

c. Cultural Resources

Historical and archeological studies shall be completed in accordance with the STATE'S guidelines.

EXHIBIT “C”

SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services

Provided By:

ENGINEER CITY/COUNTY

— —

(1) Historic Structure Studies

A records search, project coordination request, and reconnaissance survey shall be performed, and documentation prepared regarding identification efforts, National Register eligibility and potential impacts to historic properties in accordance with the state’s historic structure requirements.

— —

(2) Archeological Studies

File searches, project coordination request, an archeological reconnaissance, and an archeological survey shall be conducted to determine if known archeological sites are present or have been designated State Archeological Landmarks; and to identify the need (if any) to perform additional archeological investigations.

— —

d. Community Impact Analysis

A community impact analysis shall be prepared in accordance with the STATE’S Community Impact Guidelines.

— —

e. Hazardous Materials

The consultant shall perform an Initial Site Assessment (ISA) for hazardous materials impact in accordance with the American Society for Testing and Materials (ASTM) 1528.93 (Transaction Screen Process) and a Hazardous Materials Technical Report, as needed.

— —

f. Indirect and Cumulative Impacts Analysis

An indirect and cumulative impacts analysis shall be prepared in accordance with the STATE’s guidelines.

— —

g. Noise Analysis

A noise analysis shall be prepared, including predicted noise levels and the consideration and evaluation of noise mitigation, in accordance with the STATE’S Noise Guidelines. The noise analysis shall be provided as a Technical Report and a summary of the noise analysis results shall be included in the administratively complete document.

— —

4. Environmental Scoping

The ENGINEER shall initiate the environmental scoping process with TxDOT. An environmental scoping document and risk assessment will be completed in coordination with TxDOT.

— —

5. General Guidelines for Preparation of Environmental Documents

a. All technical reports will be submitted electronically to TxDOT through their FTP site.

b. The draft administratively complete document will be submitted to TxDOT electronically through their FTP site.

c. The administratively complete document will be prepared in accordance with the content and format of FHWA Technical Advisory T6640.8A and the TxDOT Administrative Code 43 TAC §2.44.

d. The administratively complete document will be submitted to TxDOT electronically through their FTP site.

e. Upon completion and approval of the administratively and technically complete document, the Engineer will provide one (1) hard copy to the Client. All copies to TxDOT will be digital.

f. Exhibits in the environmental document shall be color copies and text shall be black and white.

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 5 - RIGHT-OF-WAY DATA
(Function Code 130)

Services
Provided By:
SURVEYOR CITY/COUNTY

NOTE: No work involving right-of-way (ROW) data is to be performed until the ENGINEER has given the SURVEYOR written approval of the final location of the proposed ROW lines as approved by TxDOT and the CITY.

A. RIGHT-OF-WAY MAPPING:

1. PURPOSE:

The purpose of right-of-way mapping is to prepare documents suitable for the acquisition of real property interests and the probable issuance of a title policy.

2. DEFINITIONS:

For purposes of this Contract, the following definitions shall apply:

- 2.1. Abstract Map – A drawing to scale prepared from record documents depicting proposed right-of-way lines, existing right-of-way lines, easement lines, and private property lines with relevant grantee names, recording data, and recording dates.
- 2.2. Closure/Area Calculation Sheet – A computer generated print-out of the area and the perimeter bearings, distances, curve data, and coordinates of an individual parcel of land to be acquired.
- 2.3. Access Denial Line – A line which indicates specific location where access to the roadway is denied.
- 2.4. Property Descriptions – A written metes and bounds description delineating the area and the boundary and describing the location of an individual parcel of land unique to all other parcels of land.
- 2.5. Owner – The most current title holder of record as determined by a study of the Real Property Records.
- 2.6. Parcel Plat – An 8 ½ inch by 11 inch drawing to scale depicting all the information shown on the right-of-way map regarding an individual parcel of land to be acquired.
- 2.7. Parent Tract – A unit or contiguous units of land under one ownership, comprising a single marketable tract of land consistent with the principle of highest and best use. A parent tract may be described by a single instrument or several instruments. A single parent tract cannot be severed by a public right-of-way, easement, or separate ownership which destroys unity of use.
- 2.8. Parent Tract Inset – A small line drawing, to an appropriate scale, of the parent tract perimeter placed upon the right-of-way map in the proximity of the respective parcel. Parent tract insets are used in cases where the parent tract cannot be shown to the same scale as the right-of-way map. Since parent tract insets are used to identify the limits and location of parent tracts, they should include public right-of-ways, utility easements and fee strips, and identifiable water courses which bound the parent tract.
- 2.9. Point of Beginning (P.O.B.) – A corner of the parcel of land to be acquired, located on the proposed right-of-way line and being the beginning terminus of the first course of the property description.
- 2.10. Point of Commencing (P.O.C.) – A monumented property corner which can be identified in the Real Property Records and is located outside the proposed right-of-way corridor. For title purposes, the point of commencing should be a monumented back corner of the parent tract. In the event a monumented back corner of the parent tract cannot be recovered, the nearest identifiable monumented property corner located outside the proposed right-of-way corridor may be used.

EXHIBIT “C”
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services

Provided By:

SURVEYOR CITY/COUNTY

- 2.11. Preliminary Right-of-Way Layout/Abstract Map – A drawing to scale depicting proposed right-of-way lines, existing right-of-way lines, proposed pavement, access denial lines, the proposed centerline alignment, private property lines, easement lines, visible improvements, visible utilities, the station and offset from the centerline alignment to each Point of Curvature (PC), Point of Tangency (PT), and angle point in the proposed right-of-way lines and to each PC, PT, and angle point in the existing right-of-way lines in areas of no proposed acquisition. *(Reference Sample Attached)*
- 2.12. Right-of-Way Maps/Property Description/Parcel Plats – A series of 22 inch by 34 inch and 11 inch by 17 inch drawings to scale depicting the results of relevant elements of records research, field work, analysis, computation, and map making required to determine title, delineate areas and boundaries, locate and describe utilities and improvements to the extent necessary to appraise the value and negotiate the acquisition of individual parcels of private land for a proposed right-of-way project. *(Reference Sample Attached)*

3. WORK TO BE PERFORMED:

3.1. Preliminary Right-of-Way Layout/Abstract Map:

An abstract map shall be prepared sufficient to determine the following:

- 3.1.1. Any and all interests of public record held in the land to be acquired.
- 3.1.2. The total record holdings of an owner contiguous to land to be acquired from that owner.
- 3.1.3. Any and all interests in land to be acquired held in common (shopping mall parking lots, subdivision reserves, etc.)
- 3.1.4. Any and all improvements proposed by other agencies which may have a bearing on project development.
- 3.1.5. All called monuments, bearings, and distances as per recorded information.
- 3.1.6. Preliminary Parcel numbering system.
- 3.1.7. Any and all utilities (permitted or of record)
- 3.1.8. Reference Sample provided.

3.2. Right-of-Way Map:

The SURVEYOR shall field locate property corners, existing right-of-way markers, improvements, visible utilities, verify and update the planimetric file, if provided, and as directed by the ENGINEER.

A right-of-way map shall be prepared for each proposed right-of-way project. A right-of-way map shall include a title sheet, an index sheet, a survey control index sheet, a horizontal and vertical control data sheet, and sufficient plan sheets to cover the proposed project, or as directed by the ENGINEER. The STATE has developed standard title sheets, index sheets, and plan sheets, copies of which the SURVEYOR shall request and secure for all purposes of this Contract. Plan sheets shall include, but need not be limited to, the following items of information.

By mutual agreement between the Texas Board of Professional Land Surveying and the TxDOT, right-of-way maps need not be signed and sealed by a Registered Professional Land Surveyor.

- 3.2.1. Proposed right-of-way lines shall be delineated with appropriate bearings, distances, and curve data. Curve data shall include the radius, delta angle, arc length, and long chord bearing and distance.
- 3.2.2. Existing right-of-way lines shall be delineated with appropriate bearings, distances, and curve data to the extent necessary to describe the individual parcels of land to be acquired. Curve data shall include the radius, delta angle, arc length, and long chord bearing and distance.

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services
Provided By:
SURVEYOR CITY/COUNTY

3.2 *Right-of-Way Map Continued (continued)*

- 3.2.3. The proposed project baseline alignment shall be delineated with appropriate bearings, distances, and curve data. Curve data shall include the station of the curve Point of Intersection (PI), radius, delta angle, arc length, tangent length, long chord bearing and distance, and the N and E coordinates of the curve PI. All alignment PCs, PTs, and even 500 foot stations shall be labeled as to station.
- 3.2.4. Proposed paving lines combined with relevant existing paving lines shall be shown to the extent necessary to compile a complete picture of proposed traffic movements. Proposed paving on the final mylars submitted to the ENGINEER shall be shaded with a dot pattern or highlighted by some other means acceptable to the ENGINEER.
- 3.2.5. Access denial lines shall be shown sufficiently to indicate areas where access is to be denied and where access is to be permitted if required by the ENGINEER.
- 3.2.6. Private property lines shall be delineated with appropriate bearings, distances, and curve data to the extent necessary to describe the individual parcels of land to be acquired. Curve data shall include the radius, delta angle, arc length, and long chord bearing and distance.
- 3.2.7. Porción lines, subdivision lines and survey lines shall be shown and identified by name and Porción number.
- 3.2.8. County lines and city limit lines shall be located and identified by name.
- 3.2.9. A north arrow shall be shown on each sheet, and, if possible, located in the upper right corner of the sheet.
- 3.2.10. Monumentation set or found shall be shown and described as to material and size.
- 3.2.11. A station and offset shall be shown for each PC, PT, and angle point in the proposed right-of-way lines. Stations and offsets shall be with respect to the proposed centerline alignment.
- 3.2.12. Intersecting and adjoining public right-of-ways shall be shown and identified by name, right-of-way width, and recording data.
- 3.2.13. Railroads shall be shown and identified by name, right-of-way width, and recording data.
- 3.2.14. Utility corridors shall be identified as to easement or fee and recording information shall be identified.
- 3.2.15. Easements and fee strips shall be shown and identified by width, owner, distance of easement to a property corner of the parent track, and recording data.
- 3.2.16. Building lines or set-back lines shall be shown and identified.
- 3.2.17. Visible improvements located within the proposed right-of-way corridor or within 50 feet of a proposed right-of-way line shall be shown and identified.
- 3.2.18. Structures shall be identified as commercial or residential, by number of stories, and as to type (brick, wood frame, etc.).
- 3.2.19. Structures which are severed by a proposed right-of-way line shall be dimensioned to the extent necessary to completely delineate the severed parts.
- 3.2.20. Parking areas, billboards, and other on-premise signs which are severed by a proposed right-of-way line shall be dimensioned to the extent necessary to delineate that portion of the parking area, billboard, or sign which is located within the proposed right-of-way corridor.

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services
Provided By:
SURVEYOR CITY/COUNTY
— —

3.2 *Right-of-Way Map Continued (continued)*

- 3.2.21. In cases where structures are located outside the proposed right-of-way corridor and within 25 feet of a proposed right-of-way line, the shortest distance between the structure and the proposed right-of-way line shall be shown and field verified.
- 3.2.22. Visible utilities located within the proposed right-of-way corridor or within 50 feet of a proposed right-of-way line shall be shown and identified.
- 3.2.23. The location of underground utilities and fuel storage tanks situated within the proposed right-of-way corridor or within 50 feet of a proposed right-of-way line shall be determined and shown as required by the ENGINEER. The visible location of stand pipes, vents and filler caps in conjunction with available design and as-built drawings may be used to determine a most probable location and size in the event an actual location is indeterminable.
- 3.2.24. Points of commencing and points of beginning shall be shown and labeled. Points of beginning shall be shown with their respective N and E surface coordinates. As an exception, a point of commencing will not be required in the case of a total taking without a remainder.
- 3.2.25. Each parcel of land to be acquired shall be identified by a parcel number which shall appear in the ownership tabulation and on the right-of-way map in the proximity of the respective parcel. If the SURVEYOR is unfamiliar with the criteria used by the STATE to assign parcel numbers, he shall seek the assistance of the ENGINEER at the time the abstract map is complete. THE SURVEYOR SHALL SEEK ASSISTANCE FROM THE ENGINEER IN DEVELOPING AN OWNERSHIP TABULATION TABLE.
- 3.2.26. An ownership tabulation shall be shown which shall include the parcel number, existing area of the parent tract, lot(s) and block(s) constituting the parent tract when applicable, owner's name, type of conveyance, film code, county clerk's file number, taking area, and remaining area of the parent tract located left and/or right of the centerline alignment. Types of conveyance, film code and file numbers refer to conveyances into the STATE and will be added to the right-of-way map by the STATE at a later date. Several blank lines shall be provided in the tabulation block to facilitate future map additions.
- 3.2.27. A parent tract inset shall be shown for each parent tract which cannot be shown to scale on the right-of-way map. The use of broken scale lines should be avoided. When parent tract insets are used, the point of commencing with the appropriate bearing and distance to the point of beginning may be shown on the parent tract inset.
- 3.2.28. A note shall be included on the title sheet and each map sheet stating the source of bearings, coordinates, and datum used.
- 3.2.29. Appropriate notes shall be included on the title sheet and each map sheet stating the following:
 - a. Month(s) and year abstracting upon which the map is based.
 - b. Month(s) and year field surveys were conducted upon which the map is based.
 - c. Month and year the map was completed by the SURVEYOR.
- 3.2.30. The right-of-way CSJ number, if available, shall be shown on each right-of-way map sheet.

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3.3. Exhibits:

An Exhibit shall be prepared for each parcel or tract consisting of a property description and a parcel plat.

3.3.1. Property Description:

A property description shall be prepared for each parcel of land to be acquired. Standard formats for property descriptions, copies of which the SURVEYOR shall request to the ENGINEER and secure for all purposes of this Contract. Property descriptions shall include, but need not be limited to, the following items of information.

All property descriptions shall be signed and sealed by a Registered Professional Land Surveyor. The property description shall begin with a general description which shall include as a minimum:

- a. State, County, and Survey within which the proposed parcel of land to be acquired is located.
- b. A reference to unrecorded and recorded subdivisions by name, lot, block, and recording data to the extent applicable.
- c. A reference by name to the grantor and grantee, date and recording data of the most current instrument(s) of conveyance describing the parent tract. Use execution dates in deed references as opposed to recording or filing dates. In any case, the property description shall make clear which date is being used.

The property description shall continue with a metes and bounds description which shall include as a minimum:

- d. A point of commencing.
- e. A point of beginning with the appropriate N and E surface coordinates.
- f. A series of courses, identified by number and proceeding in a clockwise direction, describing the perimeter of the parcel of land to be acquired, and delineated with appropriate bearings, distances, and curve data.

Curve data shall include the radius, delta angle, arc length, and long chord bearing and distance. Each course shall be identified either as a proposed right-of-way line, and existing right-of-way line, or a property line of the parent tract. Each property line of the parent tract shall be described with an appropriate adjoiner call.

- g. A description of all monumentation set or found shall include, as a minimum, size and material.
- h. A reference to the source of bearings, coordinates, and datum used.

3.3.2. Parcel Plat:

A parcel plat shall be prepared for each parcel of land to be acquired. The STATE has developed standard formats for parcel plats, copies of which the SURVEYOR shall request from the ENGINEER and secure for all purposes in this Contract. Parcel plats shall include each and every item of information shown on the right-of-way map which concerns the individual parcel. All parcel plats shall be signed and sealed by a Registered Professional Land Surveyor.

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4. DELIVERABLES:

In preparing right-of-way maps, the following is an outline of the work to be submitted (records should be delivered in a binder):

- 4.1. An Abstract Map of the current record title holders included in the Preliminary Map showing the proposed schematic and existing right-of-way as per General Specifications defined in 2.11.
- 4.2. A Right-of-Way map for the project limits under cover of Title Sheet, Index Sheet, Control Data Sheet, and Exhibits of the property descriptions and parcel plats as per General Specifications defined in 2.12, 3.2 and 3.3.
ROW Map Submittal Requirements:
 - 4.2.1. Two (2) paper sets of half-size ROW maps (11"x 17")
 - 4.2.2. One (1) paper set of the full-size ROW maps (22"x 34")
 - 4.2.3. Four (4) sets of original metes & bounds descriptions (field notes) with parcel plats (signed & sealed by the surveyor). *Do not include traverse sheet.*
 - 4.2.4. City requires one (1) electronic copy of the ROW Map on a CD, and One (1) copy of the DGN electronic file on a CD from the surveyor- Both the electronic copy of the ROW Map and the DGN file can be on one CD.
IF Roadway is ON-SYSTEM and after Administrative Approval of the ROW Maps by Division (REVISIONS) Submittal Requirements:
 - 4.2.5. Two (2) paper sets of the half-size of the affected ROW map sheets (11"x17"), detailing the revision
 - 4.2.6. One (1) paper set of the full-size of the affected ROW map sheets (22"x 34"), detailing the revision
 - 4.2.7. Four (4) sets of any revised original metes & bounds descriptions (field notes) with parcel plats (signed & sealed by the surveyor). *Do not include traverse sheet.*
 - 4.2.8. Division needs one (1) electronic copy of the revised ROW Map sheets on a CD, and
 - 4.2.9. One (1) copy of the DGN electronic file on a CD from the surveyor- detailing the revision-Both the electronic copy of the revised ROW Map sheets and the DGN file can be on one CD.
- 4.3. Appropriate monuments on the proposed right-of-way lines at intersecting property lines, and at all PCs, PTs, angle points, intersecting right-of-way lines of side streets, and at 1,000 foot stations of the proposed centerline alignment.
- 4.4. Appropriate monuments on the existing right-of-way lines in areas of no acquisition at all PCs, PTs, angle points, and 1,000 foot stations, and as directed by the ENGINEER of the proposed centerline.
- 4.5. A SURVEYOR's report, outlining the approach, reasons or basis for the existing right-of-way determination, and conclusions made.
- 4.6. Records used to establish ownership.
- 4.7. ROW and parcel filed notes signed and sealed by a RPLS.
- 4.8. Computation sheets of survey closures, ground surveys, etc. used to develop plats and meets and bound information.
- 4.9. Items indicated under the Automation Requirements Section 6.
- 4.10. Completed (Attached) Checklist with submittal of ROW Map etc.

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5. GENERAL REQUIREMENTS:

For purposes of this Contract, the following general requirements shall apply:

- 5.1. Copies of instruments of record submitted to the ENGINEER shall be indexed by parcel number.
- 5.2. Coordinates appearing on right-of-way maps, on parcel plats, and in property descriptions shall be surface coordinates based on the Texas State Plane Coordinate System. The combined adjustment factors (sea level factor x scale factor) which have been developed by the STATE for its use are as follows:
 - 5.2.1. In (List Applicable Counties): Counties (----- Zone), grid coordinates are multiplied by a combined adjustment factor of 1.xxxxxx to obtain surface coordinates. For work in Counties other than those listed, the ENGINEER will provide the combine adjustment factor.
- 5.3. Line and curve tables may be used when necessary.
- 5.4. The number of centerline alignment stations to be shown on a single plan sheet shall be restricted to the extent necessary to allow approximately 4 inches between match lines and sheet borders for future details and notes.
- 5.5. A minimum 4 inch by 4 inch space shall be reserved at the bottom right corner of each map sheet for future revision notes.

6. AUTOMATION REQUIREMENTS:

In addition to standard hard copy plots and mylar copies, the following will be required electronically:

- 6.1. Right-of-way maps and parcel plats shall be prepared using a *Micro Station* software graphics system capable of producing graphics files that can be plotted and viewed without further modification or conversion using the State's *Micro Station V8* graphics system.
- 6.2. It is the intent of the ENGINEER to secure graphics files which have elements of equal integrity, singularity, and attributes as elements prepared using the State's *Micro Station V8* graphics system.
- 6.3. For purposes of clarity, consistency, and ease of utilization, the SURVEYOR shall request and secure standards relevant to right-of-way mapping to the extent necessary to ensure that the needs of the ENGINEER are met. This includes, but may not be limited to, TxDOT seed file and corresponding units.def file, TxDOT font resource file, TxDOT GEOPAK SMD file, TxDOT DGNLIB, associated cell libraries and custom line styles, and other files as deemed appropriate for the project.
- 6.4. Graphics files furnished to the ENGINEER by the SURVEYOR shall be submitted on a Compact Disk CD, DVD or USB, in a format compatible with the STATE's computer system. The SURVEYOR shall confer with the ENGINEER regarding acceptable media and formats before making submissions. The SURVEYOR shall request and secure a Consultant File Index form provided by the ENGINEER, to be completed by the SURVEYOR, and to be submitted to the ENGINEER along with the graphics files.
- 6.5. Property descriptions shall be prepared using a computer word processing system capable of producing data files readable using *Microsoft Office Word Version 2007* word processing software.
- 6.6. Data files furnished to the ENGINEER by the SURVEYOR shall be submitted in ACSII format on a CD, DVD or USB.
- 6.7. Provide to the ENGINEER electronic copies of all instruments of record acquired pursuant to a work authorization.

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7. GENERAL SPECIFICATIONS:

For purposes of this Contract, the following general specifications for right-of-way mapping shall apply:

- 7.1. Completed right-of-way maps shall be submitted to the ENGINEER on single or double matte mylar, 22 inches by 34 inches in size with a 21 inch by 32 inch printed border positioned ½ inch from the top, bottom, and right edge of the sheet. Two copies on 11 inch by 17 inch paper will also be supplied to the ENGINEER.
- 7.2. Parcel plats shall be submitted to the ENGINEER on 8 ½ inch by 11 inch bond paper with respective borders of 7 ½ inches by 10 inches, positioned ½ inch from the top, bottom, and right edge of the sheet. Match lines shall be used where more than one sheet is required.
- 7.3. Right-of-way maps shall be drawn to a scale of 1 inch = 50 feet. An appropriate scale other than 1 inch = 50 feet may be used on some proposed right-of-way projects upon prior approval by the ENGINEER.
- 7.4. Since right-of-way maps are reduced in size by one-half for archiving purposes, the smallest size lettering acceptable on a right-of-way map shall be 1/10 of one inch (Leroy #100). A right-of-way map which contains any lettering smaller than 1/10 of one inch will not be accepted by the ENGINEER.
- 7.5. Parcel plats shall be drawn to a preferred scale of 1 inch = 50 feet. An appropriate scale other than 1 inch = 50 feet may be used on some proposed right-of-way projects upon prior approval by the ENGINEER. In the case of a very large parcel which would be difficult to show with clarity on a single 8 ½ inch by 11 inch sheet, the SURVEYOR shall use multiple 8 ½ inch by 11 inch sheets with matching lines.
- 7.6. The smallest size lettering acceptable on a parcel plat shall be 0.06 of an inch (Leroy #60).
- 7.7. Property descriptions shall be submitted on 8 ½ inch by 11 inch bond paper.
- 7.8. The ENGINEER has encountered a number of mylar products which are considered unacceptable. The SURVEYOR shall confer with the ENGINEER regarding mylar products he intends to use which have not been previously used on State projects.
- 7.9. Zip-A-Tone or other similar stick-on products shall not be used on right-of-way maps or parcel plats.

8. ADHERENCE TO STANDARDS:

For purposes of clarity, consistency, and ease of understanding, the CITY/COUNTY, as an acquiring agency of private property for public use, has adopted the STATE standards and formats for right-of-way mapping which have proven to facilitate the processes of negotiation, appraisal, relocation assistance, and condemnation. It shall be the responsibility of the SURVEYOR to adhere to these standards and formats to every extent possible to ensure that the needs of the acquiring agency are met.

SAMPLES ATTACHED FC 130:

- PRELIMINARY Right-of-Way Layout / Abstract Map
- Right-of-Way Map, Field Notes, Parcel Sketches and Area Computation Sheets

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- Property descriptions i.e., lot, block, tract, subdivision, etc...
- Identify existing and proposed access denial locations (*if applicable*)

Proposed information:

- #5- 2-ft iron road set monumentation i.e. P.C., P.T., Break Points and 1000’ stations at proposed ROW lines and where existing ROW line is the proposed ROW.
- Survey and R.O.W. lines
- Basis of bearings
- Parcel bearings and distances correspond with traverse sheet
- Outside ties (P.O.C.) corresponds with field notes
- Point of beginning (P.O.B.) established on proposed R.O.W. line
- Parcel tied to baseline
- Baseline information shown i.e. Stationing, bearings, curve data, etc...
- Conveyance information shown in tables i.e. parcel number, grantors name, amount of take, remainder etc.
- Math checked on remainder

Improvements:

- Improvements bisected or within 25’ of proposed R.O.W. line are shown on map with stationing and distance from proposed R.O.W. line. Buildings are labeled and dimensioned.
- Off-premise outdoor advertising signs within proposed R.O.W. are shown and labeled.

Utilities:

- All utilities within or crossing existing and proposed right of way are shown and labeled as to size, easement or fee width, and recording data of instrument.
- Location of underground storage tanks and/or filler caps are shown and labeled

FIELD NOTES - Heading

- County
- Highway
- Parcel number
- R.O.W. CSJ
- Construction CSJ

General Description or “preamble”

- Area of parcel to be acquired is shown in acreage (0.000) for rural land and/or square feet (to nearest whole sq. ft.) for urban land or smaller parcels

Parent tract data is shown:

- Size of parent tract
- Survey data or lot, block, and subdivision
- Name of last recorded seller and buyer
- Date, volume and page or document number of last recorded conveyance
- Records and county of last recorded conveyance

Beginning Description

- Point of commencement is on outside tie and is described accurately by bearings and distances as it leads to the point of beginning.
- Point of beginning is on proposed R.O.W. line

Particular Description

- Traverse calls are clockwise sequence
- Bearings and distances correspond exactly with map, parcel sketch, and traverse sheet
- Bearings are to nearest whole second and distances are to the nearest one-hundredth of a foot
- Calls are numbered
- Denial of access shall be described from beginning to end (*if applicable*)

Closing Description

- Last call leads back to P.O.B.
- Restates area of parcel

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- Establishes taking in existing road R.O.W. if applicable
- Legal description is referenced to Plat
- Sealed and signed
- Include an access clause whether access is permitted or denied (*if applicable*)

PARCEL SKETCH:

- Shows P.O.B. and P.O.C.
- All data corresponds exactly with Map and Field Notes
- Sheet size is no larger than 8 1/2" x 11"
- Plat closely matches example provided
- Plat referenced to legal description
- Sealed and signed
- Include an access clause whether access is permitted or denied (*if applicable*)
- Existing utility lines and easements (deed reference, if available);

TRAVERSE SHEET

- Computations show area to be acquired in sq. ft. or acres, whichever is applicable
- Computations show area that is existing road R.O.W. if applicable
- Traverse calls are in clockwise sequence
- Error of closure meets the following:

Secondary rural	.0003
Primary rural - secondary urban	.0002
Urban or industrial	.00013

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SECTION 6 - FIELD SURVEYING AND PHOTOGRAMMETRY

(Function Code 150)

Services

Provided By:

SURVEYOR CITY/COUNTY

DESIGN AND CONSTRUCTION SURVEYS:

PURPOSE:

The purpose of a "design survey" is to provide field information in support of transportation systems design.

The purpose of a "construction survey" is to provide field data in support of highway construction.

DEFINITIONS:

A "design survey" is defined as the combined performance of research, field work, analysis, computation, and documentation necessary to provide detailed topographic (3-dimensional) mapping of a project site. A design survey may include, but need not be limited to, cross-sections or data to create cross-sections and Digital Terrain Models (DTM), horizontal and vertical location of utilities and improvements, detailing of bridges and other structures, review of right-of-way maps, establishing control points, etc.

A "construction survey" is defined as the combined performance of reconnaissance, field work, analysis, computation, and documentation necessary to provide the horizontal and vertical position of specific ground points to be used by the construction contractor for determining lines and grades.

1. Design Surveying

a. Primary Project Control – 3 to 5 miles spacing

Precision shall be 1 part in 20,000 or better, unless otherwise directed by the District Engineer.

- (1) Establish horizontal control points
- (2) Establish vertical control points

NOTE: ALL BEARING AND DISTANCE SHALL BE BASED ON THE STATE PLANE COORDINATE SYSTEM NAD 1983, SOUTH ZONE. ALL DISTANCES AND COORDINATES SHALL BE SURFACE AND MAY BE CONVERTED TO GRID BY MULTIPLYING BY A COMBINED SCALE FACTOR OF 0.999960

b. Secondary Project Control – Surveyor shall recover and/or reset H&V Control Points as provided by the Engineer and create Survey Control Data Sheets for inclusion in the Construction Project Plans signed and sealed by an R.P.L.S.

- (1) No traverse should exceed 25 angle points. Planimetrics shall be 20 ft Lt & Rt from the proposed ROW as per the schematic provided by the Engineer.
- (2) The unadjusted angular error should not exceed 2 seconds per angle, plus 14 seconds.
- (3) The unadjusted ratio of precision should be one part in 10,000 or better. (The ratio of precision is the total length of the traverse divided by the total error.)
- (4) The unadjusted vertical error should not exceed 0.03 foot per mile of traverse.
- (5) Project control base lines
- (6) Photogrammetric ground control
 - (a) Establish horizontal control
 - (b) Establish vertical control points
 - (c) Place and maintain control point targets

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c. Other Design Surveying

- (1) **The limit of the Design surveys shall be 500-ft before and after the limits of the project as identified by the Project Engineer on the schematic. Establish horizontal and vertical control.** Set H&V Control at 1000-ft intervals along the project proposed right-of-way. Provide x, y, z for each H&V Control. Provide an H&V Control along each outfall identified on the Hydrologic Map. The H&V Control shall be #5 I.R. 2-ft in depth set in concrete. **The surveyor shall provide an H&V Control Book (a Sample shall be provided by the Engineer to the Surveyor).** The Surveyor will provide a 3-pt reference sketch with ties to the BMs for inclusion the existing H&V Control Book. Establish benchmark circuit throughout the project with a tolerance of 0.03'/ft per mile error vertically.
- (2) Complete topographic and cross section survey, data processing, and CADD mapping (2D & 3D) for the limits of the project.
- (3) Locate all visible utilities, data processing and CADD mapping (2D & 3D) including irrigation lines. Follow sample provided by the Engineer.
- (4) Field locate cross culverts, driveway culverts, inverts, irrigation lines, within the project limits, data processing and CADD mapping (2D & 3D).
- (5) Right of Entry, Right of Way Research, and Appraisal District Records is the responsibility of the Surveyor.
- (6) The Surveyor shall stake the proposed centerline on the existing fields as approved by Engineer before construction for the purpose of utility adjustments and project location.
- (7) Profile and cross section intersecting streets for ties into project (500-ft. beyond the proposed ROW per schematic and 20-ft wider than the existing ROW of intersecting street). Reference missing voids as per CD provided by the Engineer.
- (8) Cross section irrigation crossings for a distance of 20-ft beyond the proposed ROW at 100-ft intervals in a DTM file. Provide a complete description of irrigation appurtances as identified by the engineer sample layout "EXHIBIT E". The SURVEYOR will meet with the ENGINEER before he ties down any irrigation lines. Jointly the SURVEYOR and the ENGINEER will identify from records such as the Irrigation District Maps and the A&M Data of existing irrigation lines that will need to be tied down. The SURVEYOR will follow the sample given to him by the ENGINEER and tie the structures horizontally and vertically and include in the field books to be submitted.
- (9) Tie Horizontally and Vertically the existing storm drain system that lies within the existing proposed ROW including the elevation of the outfall of said recovered existing storm drain systems.
- (10) Tie to existing underground and overhead utilities (location, elevation and direction)

Horizontally – The surveyor shall call the 1-800 number for the utilities to be marked on the ground as well as any city water and sewer lines. He shall tie all visible utility crossings with name, address and Phone #'s of utility companies. The engineer will coordinate with the utility companies and jointly the Surveyor and the Engineer will identify which utilities were missed and need to be tied down.

Vertically – The engineer shall identify all utilities that are potential conflicts and that need to be tied vertically. The engineer will advise the surveyor in writing of the needed vertical ties and the surveyor will tie the lines vertically once the surveyor has coordinated the exposure and provide the information to the engineer.

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___ ___

(11) Cross section and profile all outfall channels identified on the Hydrologic Map for a distance of 200-ft beyond the proposed ROW upstream and downstream at 100-ft intervals. The SURVEYOR will provide a complete 2D/3D File including utilities of the outfalls identified.

- (12) Driveways and Turnouts
- (a) Inventory commercial entrances, public roads and side streets separately.
 - (b) Obtain centerline station. (Width at ROW, PAV'T and existing radius.
 - (c) Inventory by type (dirt, caliche, gravel or paved). If paved, indicate condition in terms of no patches, has patches or has potholes.
 - (d) Obtain width at R.O.W. line.
 - (e) Obtain elevations at both edges of the driveway or turnout in line with the side drain.

___ ___

(13) ROW staking (Existing and Proposed @ 1,000 ft. stations PC's PT's and Angle points as per ROW Map)

___ ___

(14) Soil core hole staking at bridge class structures.

___ ___

(15) Determine changes in topography from voids and outdated maps due to development, erosion, etc.

___ ___

(16) Profiles of existing drainage facilities.

___ ___

(17) Measurement of hydraulic opening under existing bridges.

___ ___

(18) Obtain elevations of manholes and valves of utilities

___ ___

(19) Provide temporary signs, traffic control, flags, safety equipment, etc.

___ ___

(20) Ties to existing bridges railroad rail elevations or culverts that may conflict with new construction.

___ ___

(21) Bridge widening top of deck and/or top of cap elevations at the Profile Grade Line (PGL) and the edges of slab at bent locations.

___ ___

(22) Inventory signs, mailboxes, and driveways

___ ___

(23) Locate wetlands.

___ ___

(24) Locate existing right-of-ways.

d. Construction Surveys:

In performing construction surveys, the following will be requested by the ENGINEER on an as needed basis, but need not be limited to:

___ ___

(1) Stake existing and/or proposed right-of-ways.

___ ___

(2) Stake existing and/or proposed baseline/centerline.

___ ___

(3) Stake proposed bridge structures.

___ ___

(4) Stake proposed drainage structures, such as manholes, culverts, etc.

___ ___

(5) Set grade stakes.

___ ___

(6) Recover and check existing control points.

___ ___

(7) Establish additional control points.

___ ___

(8) Check elevations and locations of structures.

___ ___

(9) Determine and resolve conflicts associated with survey data.

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— — **2. Photogrammetric Products**

- a. Uncontrolled Photography
 - (1) Contact Prints
 - (2) Mosaics
 - (3) Digital ortho plots
- b. Mapping
 - (1) Planimetric Maps
 - (2) Contour Maps
 - (3) Cross Sections
 - (4) Profiles
 - (5) Digital Terrain Models (DTM)

— — **3. UTILITY SUBSURFACE INVESTIGATION:**

Utility Quality Levels are in cumulative order (least to greatest) as follows

— — 3.1. Quality Level C - Existing Records: Utilities are plotted from review of available existing records that will be generated by the Engineer on the schematic and provided to the surveyor for his further creation of a Utility Map which will be turned in as a deliverable as part of this work order.

— — 3.2. Quality Level B - Surface Visible Feature Survey: The Surveyor shall gather the field tied Utility Information and compare it to the existing records (if any) as provided by the Engineer and correlate with surveyed surface-visible features. The surveyor shall create a Utility Layout Map or plan layout 2D, showing the limits of the proposed project and limits of the work area required for this work authorization; including highway stations, limits within existing or proposed right of way. Correlate utility owner records with designating data and resolve discrepancies using professional judgment. A color-coded composite utility facility plan with utility owner names, quality levels, line sizes and subsurface utility locate (test hole) locations. The Layout Map will include all utilities that have been field tied – 2D Horizontal Utilities. This Layout will be provided to the Engineer and a meeting held with Engineer to identify which utilities will need to be tied down vertically. A note must be placed on the designate deliverable only that states "lines sizes are from best available records". All above ground appurtenance locations must be included in the deliverable to the Engineer. This information will be provided in the latest version of Micro Station or Geopak used by the State. The electronic file will be delivered on C.D. or DVD. A hard copy is required and must be signed, sealed, and dated by the Surveyor. Note: Determine and inform the Engineer of the approximate utility depths at critical locations. This depth indication is understood by the Engineer to be approximate only and is not intended to be used for preparing the construction plans.

— — 3.3. Subsurface Utility Locate (Test Hole) Service (Quality Level A), THE SURVEYOR SHALL ESTIMATE LOCATING VERICALLY 25 UTILITES PER MILE OR AS IDENTIFIED BY THE ENGINEER. Locate shall mean to obtain precise horizontal and vertical position, material type, condition, size and other data that may be obtainable about the utility facility and its surrounding environment through exposure by non-destructive excavation techniques that ensures the integrity of the utility facility. Subsurface Utility Locate (Test Hole) Services (Quality Level A) are inclusive of Quality Levels B and C. The Surveyor shall:

3.3.1 Review the requested test hole locations that have been identified by the Engineer and Coordinate with utility owner inspectors as may be required by law or utility owner policy.

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3. *Utility Subsurface (continued)*

- 3.3.2 Measure and record the following data on an appropriately formatted test hole data sheet that has been sealed and dated by the Engineer:
- Elevation of top and/or bottom of utility tied to the datum of the furnished plan.
 - Identify a minimum of two benchmarks utilized. Elevations shall be within an accuracy of 15mm (.591 inches) of utilized benchmarks.
 - Elevation of existing grade over utility at test hole location.
 - Horizontal location referenced to project coordinate datum.
 - Outside diameter of pipe or width of duct banks and configuration of non-encased multi-conduit systems.
 - Utility facility material(s).
 - Utility facility condition.
 - Coating/Wrapping information and condition.
 - Unusual circumstances or field conditions.
- 3.3.3 Excavate test holes in such a manner as to prevent any damage to wrappings, coatings, cathodic protection or other protective coverings and features. Water excavation can only be utilized with written approval from the appropriate State District Office.
- 3.3.4 Back fill all excavations with appropriate material, compact backfill by mechanical means, and restore pavement and surface material. The Engineer shall be responsible for the integrity of the backfill and surface restoration for a period of three years. Install a marker ribbon throughout the backfill.
- 3.3.5 Provide complete restoration of work site and landscape to equal or better condition than before excavation.
- 3.3.6 Plot utility location position information on the Utility Layout sheet and identify the vertical elevation and sealed by the responsible Surveyor. This information will be provided in the latest version of Micro Station or Geopak format used by the State. The electronic file will be delivered on C.D or DVD.

4. **DELIVERABLES:**

The deliverables to be specified in individual work authorizations for design surveys and construction surveys may be any combination of the following:

- ___ ___ 4.1. Digital Terrain Models (DTM) in a format acceptable by the ENGINEER.
- ___ ___ 4.2. Final H&V Field Book Binder with all pertinent information obtained in the field for Design Surveys. Maps, plans, or sketches prepared by the SURVEYOR showing the results of field surveys.
- ___ ___ 4.3. Computer printouts or other tabulations summarizing the results of field surveys.
- ___ ___ 4.4. Digital files or media acceptable by the ENGINEER containing field survey data.
- ___ ___ 4.5. Maps, plats, plans, sketches, or other documents acquired from utility companies, private corporations, or other public agencies, the contents of which are relevant to the survey.
- ___ ___ 4.6. Field survey notes, as electronic and/or hard copies.
- ___ ___ 4.7. A H&V Control Book identifying the basis of the Primary and Secondary Control and an 8 ½ inch by 11 inch survey control data sheet for each construction control point which shall include, but need not be limited to, a location sketch, a physical description of the point including a minimum of two reference ties, surface coordinates, a surface adjustment factor, elevation, and the horizontal and vertical datums used. Survey control data sheets shall be signed and sealed by the supervising Registered Professional Land Surveyor.

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services

Provided By:

SURVEYOR CITY/COUNTY

4. *Deliverables (continued)*

- | | | |
|--|--|--|
| | | 4.8. Final mylar set of 11 inch by 17 inch Survey Control data sheets sign and seal by the RPLS per TxDOT guidelines. |
| | | 4.9. A digital and/or hard copy of all computer printouts of horizontal and vertical conventional traverses, GPS analysis and results, data including property descriptions with field notes and plats, right-of-way maps, and survey control data sheets to include in the H&V Field Book Binder. |
| | | 4.10. Survey reports in a format requested by the ENGINEER. |
| | | 4.11. Items indicated under the Automation Requirements Section 6. |

5. **GENERAL REQUIREMENTS:**

- 5.1. Design surveys and construction surveys shall be performed under the supervision of a Registered Professional Land Surveyor currently registered with the Texas Board of Professional Land Surveying.
- 5.2. Horizontal ground control used for design surveys and construction surveys, furnished to the SURVEYOR by the ENGINEER or based on acceptable methods conducted by the SURVEYOR, shall meet the standards of accuracy required by the STATE.
- 5.3. Reference may be made to standards of accuracy for horizontal control traverses, as described in the FGCS Standards and Specifications for Geodetic Control Networks, latest edition, the TxDOT Survey Manual, latest edition, the TxDOT GPS Manual of Practice, latest edition, or the TSPS Manual of Practice for Land Surveying in the State of Texas, as may be applicable.
- 5.4. Vertical ground control used for design surveys and construction surveys, furnished to the SURVEYOR by the ENGINEER or based on acceptable methods conducted by the SURVEYOR, shall meet the standards of accuracy required by the ENGINEER.
- 5.5. Reference may be made to standards of accuracy for vertical control traverses, as described in the FGCS Standards and Specifications for Geodetic Control Networks, latest edition, the TxDOT Survey Manual, latest edition, the TxDOT GPS Manual of Practice, latest edition, or the TSPS Manual of Practice for Land Surveying in the State of Texas, as may be applicable.
- 5.6. Side shots or short traverse procedures used to determine horizontal and vertical locations shall meet the following criteria:
 - Side shots or short traverses shall begin and end on horizontal and vertical ground control as described above.
 - Standards, procedures, and equipment used shall be such that horizontal locations relative to the control may be reported within the following limits:
 - Bridges and other roadway structures: less than 0.1 of one foot.
 - Utilities and improvements: less than 0.2 of one foot.
 - Cross-sections and profiles: less than 1 foot.
 - Bore holes: less than 3 feet.
 - Standards, procedures, and equipment used shall be such that vertical locations relative to the control may be reported within the following limits:
 - Bridges and other roadway structures: less than 0.02 of one foot.
 - Utilities and improvements: less than 0.1 of one foot.
 - Cross-sections and profiles: less than 0.2 of one foot.
 - Bore holes: less than 0.5 of one foot.

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services

Provided By:

SURVEYOR CITY/COUNTY

5. **AUTOMATION REQUIREMENTS:**

- 6.1 Planimetric design files (DGN) shall be fully compatible with the State's *Micro Station V8* graphics program without further modification or conversion.
- 6.2 Electronically collected and processed field survey data files shall be fully compatible with the State's *CADD* systems without further modification or conversion. All files shall incorporate only those feature codes currently being used by the STATE.
- 6.3 Digital Terrain Models (DTM) shall be fully compatible with the STATE's GEOPAK system without further modification or conversion. All DTM files shall be fully edited and rectified to provide a complete digital terrain model with all necessary break lines.

EXHIBIT “C”
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

ADDITIONAL RESPONSIBILITIES

A. TRAFFIC CONTROL:

The SURVEYOR shall control traffic in and near surveying operations adequately to comply with provisions of the latest edition of the TxDOT Manual on Uniform Traffic Control Devices – Part VI and the latest edition of the Occupational Safety Manual both of which can be found on the TxDOT internet site.

In the event field crew personnel must divert traffic or close traveled lanes, a Traffic Control Plan based upon principles outlined in the latest edition of the TxDOT Manual on Uniform Traffic Control Devices – Part VI shall be prepared by the SURVEYOR and approved by the ENGINEER prior to commencement of field work. A copy of the approved plan shall be in the possession of field crew personnel on the job site at all times and shall be made available to the ENGINEER for inspection upon request.

B. INVOICING:

Payment requests shall include a SURVEYOR’s invoice. With each payment request, the SURVEYOR shall submit a project status report which will, as a minimum, include the percentage of total work complete as of the date of the payment request and a description of current work activity. The percentage of total work complete shall not be based simply on the percentage of funds expended, but shall be based on the best judgment of the SURVEYOR as to the percentage of actual work complete.

C. EASEMENTS, LETTERS OF PERMISSION, ETC.

The SURVEYOR shall be responsible for delineating easements. The SURVEYOR will be responsible for securing the necessary legal instruments and obtaining all Right-of-Entries (ROEs).

D. MEETINGS:

The ENGINEER shall setup the necessary meetings with the SURVEYOR in order to assure all field information is provided on-time and products are delivered in accordance with TxDOT’s specifications. SURVEYOR must attend all meetings involving data provided if requested by ENGINEER.

E. PROJECT MANAGER/SURVEYOR COMMUNICATION:

The SURVEYOR shall designate one Texas Registered Professional Land Surveyor (RPLS) to be responsible throughout the project for project surveying coordination and all communications, including billing, with the ENGINEER.

F. OFFICE LOCATION:

The SURVEYOR will perform the services to be provided under this agreement out of a local office and have a crew available to perform requested tasks within 24 hours of request. The coordinating SURVEYOR’s Project Manager (RPLS) shall be accessible at all times and working from the local office.

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 7 - ROADWAY DESIGN CONTROLS

(Function Code 160)

Services

Provided By:

ENGINEER CITY/COUNTY

1. Geometric Design

a. Horizontal and Vertical Alignment (Preliminary based on office surveys)

b. Schematic Layout

- (1) The location of interchanges, main lanes, grade separations, frontage roads and ramps.
- (2) Develop vertical and horizontal alignment of main lanes, ramps and cross roads at proposed interchanges or grade separations. Frontage road alignment data need not be shown on the schematic; however, it should be developed in sufficient detail to determine ROW needs. The degree of horizontal curves and vertical curve data, including "K" values, shall also be shown for ease of checking.
- (3) For freeways, show the location and text of the proposed main lane guide signs. Lane lines and/or arrows indicating the number of lanes shall also be shown.
- (4) A complete explanation of the sequence and methods of stage construction, if proposed, including the initial and ultimate proposed treatment of crossovers and ramps.
- (5) The tentative ROW limits.
 - (a) Provide a roadway Design System (RDS) or (GEOPAK) computer tape of the preliminary earthwork to verify ROW requirements.
 - (b) Provide a graphics file containing the approved schematic.
- (6) The geometric (pavement cross slopes, lane and shoulder widths, slope rates for fills and cuts) of the typical sections of proposed highway main lanes, ramps, frontage roads, and cross roads.
- (7) The current and projected traffic volumes as provided by the TxDOT (20 year traffic projection, unless otherwise determined by the District Engineer).
- (8) The control of access lines if Interstate or designated under House Bill 179.
- (9) Direction of traffic flow on all roadways.
- (10) Location and width of median openings for highway without access control.
- (11) The geometric of speed change (acceleration, deceleration, climbing) lanes.

2. General Guidelines for Project Development

a. Prior to preparing detailed plans for a proposed project, a preliminary schematic layout shall be prepared which indicates the general geometric features and location requirements peculiar to the project. An uncontrolled aerial mosaic will be provided for this use. Four copies of the schematic layout shall be submitted through the district to the Design Division for approval and subsequent coordination with the Federal Highway Administration (FHWA) where applicable. The layout shall be submitted for two-lane arterial highway projects on new locations and for all multi-lane highway projects. **No geometric design is to be performed until the COUNTY has given the engineer written approval of the preliminary schematic layout.**

b. All geometric design shall be in conformance with the State's Design Division, Operations and Procedures Manual, except where variances are permitted in writing by the STATE.

c. The schematic layout shall include basic information which is necessary for the proper review and evaluation including the items listed above in the checklist for schematic layout.

d. Handling of traffic during construction shall be a consideration in the development of preliminary designs.

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services
Provided By:
ENGINEER CITY/COUNTY

- 2. General Guidelines for Project Development (*continued*)
 - e. Upon approval of the schematic layout by Design Division (FHWA on Federal-aid projects), it shall be the basis for an exhibit at any required public hearing prior to final development of the project. If there are any changes to the schematic after the Design Division and FHWA approval and before the public hearing, four copies of the revised schematic, as displayed at the hearing, shall be submitted either prior to or accompanying the public hearing data. If there are no changes in the schematic as displayed at the hearing, only photographs of the schematic and other displays shall be submitted with the public hearing data.
 - f. For all freeway construction projects, these schematics shall show the location and text of the proposed main lane guide signs. A schematic layout shall be submitted through the district to the Traffic Operations Division, Traffic Safety Section for approval and subsequent coordination with the FHWA. All signing shall be in conformance with the Texas MUTCD.
 - g. On complex projects, informal contact through the district with the Design Division and FHWA personnel is encouraged with regard to development of preliminary design prior to official schematic submission.
 - h. The engineer shall furnish a project tape that is compatible with the STATE's computer system, a project listing, and a cross section plot showing the original design sections containing the earthwork input and original cross sections for the project. **Accuracy of the earthwork design is of utmost importance since it is the basis for contractor payments and construction staking.**

- 3. Exhibit for Airway/Highway Clearance Permits

- 4. Grading Design
 - a. Refine the horizontal and vertical alignment of main lanes, frontage roads, ramps, cross roads and direct connectors based upon the approved schematic layout. Determine vertical clearances at grade separations and overpasses, taking into account the appropriate super elevation rate.
 - b. Typical Sections
 - c. Design Cross Sections
 - d. Determine Cut and Fill Quantities
 - e. Slope Stability Analysis
 - f. Embankment Foundation Stability Analysis
 - g. Embankment Settlement Analysis

- 5. Pavement Design
 - a. Prior to initiating detailed plan preparations for a project, a preliminary investigation shall be made to determine the approximate section and pavement type to be used for the pavement structure. The Flexible Pavement Design Manual for flexible pavement, "Appendix F" of the Design Division, Operations and Procedures Manual, and the current AASHTO Guide for the Design of Pavement Structures, may be used for this purpose.
 - b. The typical section shall also reflect proposed geometric including pavement cross slopes, lane and shoulder widths, and slope rates whenever this data have not been previously shown on a schematic submission.
 - c. Embankment and Subgrade
 - (1) Soil Core Holes (Show cost estimate with Function Code 110)
 - (a) Along center line
 - (b) Along center line of each roadwayThe location and minimum number of soil core holes required for this project are as follows: (To be determined when schematic is being completed)

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services

Provided By:

ENGINEER CITY/COUNTY

- 5. Pavement Design (*continued*)
 - c. Embankment and Subgrade (*continued*)
 - (2) Identify, interpret and summarize geologic features that affect engineering design (PI, Sulfate content, % of lime)
 - d. Traffic Data for Pavement Design by STATE
 - e. Basic Design Criteria
 - f. Life Cycle Cost Analysis(es)
 - g. Cost Data
 - h. Pavement Material Properties
 - i. Rehabilitation Investigations
 - (1) Core Hole Survey (Show cost estimate with Function Code 110)
 - (a) Determine type and depth of existing material, pavement, etc. The Engineer will determine whether to salvage ACP and FLEXBASE as well as their properties and provide this information to TxDOT.

EXHIBIT “C”
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 8 - DRAINAGE
(Function Code 161)

Services
Provided By:
ENGINEER CITY/COUNTY

All hydraulic design shall be in accordance with the TxDOT’s Hydraulic Manual, except where variances are permitted in writing by the COUNTY.

- 1. Hydrologic Studies, Discharges
 - ___ ___ a. Hydrologic Map showing drainage areas, contours and drainage Q’s.
 - ___ ___ b. Drainage area maps showing existing conditions and proposed improvements.
 - ___ ___ c. Hydrologic data/discharge determination

- 2. Hydraulic Drainage Study and Documentation
 - ___ ___ a. Hydraulic computations
 - ___ ___ (1) Storm water detention available within the ROW (linear ft. along side drain ditch).
 - ___ ___ (2) Storm water detention required outside the ROW (as per HCDD#1)
 - ___ ___ (3) Culverts
 - ___ ___ (4) Bridge waterways
 - ___ ___ (5) Channels
 - ___ ___ (6) Storm sewers/inlets
 - ___ ___ (7) Pump stations
 - ___ ___ (8) Storm Water Management facilities
 - ___ ___ (9) Other
 - ___ ___ (a) Irrigation Canals/Siphons
 - ___ ___ b. Hydraulic report(s)
 - ___ ___ c. Federal Emergency Management Agency (FEMA) floodway requirements
 - ___ ___ d. Determine impact of proposed drainage plan on the following receiving stream(s)
 - ___ ___ (1) Hidalgo County Drainage District Outfalls
 - ___ ___ (2) All Irrigation District Outfalls impacted

- 3. Layout, Structural Design and Detailing of Drainage Features
 - ___ ___ a. Culverts
 - ___ ___ (1) New culverts
 - ___ ___ (2) Culvert widening and/or lengthening
 - ___ ___ (3) Culvert replacements
 - ___ ___ b. Storm sewers
 - ___ ___ (1) New storm sewers
 - ___ ___ (2) Modify existing storm sewers
 - ___ ___ (3) Inlets
 - ___ ___ (4) Manholes
 - ___ ___ (5) Trunk lines
 - ___ ___ c. Pump stations
 - ___ ___ d. Subsurface drainage at retaining walls
 - ___ ___ e. Outfall channel(s) within the ROW
 - ___ ___ f. Outfall channel(s) outside the ROW
 - ___ ___ g. Detention Pond(s) within the ROW
 - ___ ___ h. Detention Pond(s) outside the ROW
 - ___ ___ i. Summary of Quantities
 - ___ ___ j. Storm Water Management facilities

- 4. Storm Water Pollution Prevention Plan (SW3P)

- ___ ___ 5. Scour Evaluation - Waterway Structures only (to be completed by Bridge Engineer under FC 170).

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 9 - SIGNING, MARKINGS AND SIGNALIZATION

(Function Code 162)

Services

Provided By:

ENGINEER CITY/COUNTY

- ___ ___
1. Signing and Markings Layout
 - a. Requirements (Separate Layout)
 - (1) Roadway layout
 - (2) Center line with station numbering
 - (3) ROW lines
 - (4) Culverts and other structures that present a hazard to traffic
 - (5) Location of utilities, if not shown on plan and profile
 - (6) Existing signs to remain, to be removed, to be relocated
 - (7) Proposed signs (illustrated and numbered)
 - (8) Existing overhead sign bridges to remain, to be revised, removed or relocated
 - (9) Proposed overhead sign bridges indicating location by plan layout (electrical details need not be shown on this layout)
 - (10) Proposed markings (illustrated and quantified) which include pavement markings, object markings and delineation
 - (12) Quantities of existing pavement markings to be removed
 - (13) Proposed delineators and object markers
 - b. For projects involving freeway to freeway or other types of directional interchanges, projects including left-hand ramps or connections, the following information must be provided:
 - (1) The location of interchanges, main lanes, grade separations, frontage roads and ramps
 - (2) complete explanation of the sequence and methods of stage construction, where applicable, which would include the initial and ultimate proposed treatment of crossovers and ramps
 - (3) The number of lanes in each section of proposed highway and the location of changes in numbers of lanes
 - (4) The projected traffic volumes as provided by the STATE (20 year traffic projection, unless otherwise determined by the District Engineer)
 - (5) Tentative ROW limits
 - (6) Direction of traffic flow on all roadways
 - (7) Main lane, ramp, frontage road, and necessary cross road profiles at proposed interchanges or grade separations
 - ___ ___
2. Summary of Small Signs Tabulation
 - ___ ___
3. Summary of Large Signs Tabulation including all Guide Signs
 - ___ ___
4. Sign Detail Sheets
 - a. All signs except route markers
 - b. Design details for large guide signs
 - c. Dimensions of letters, shields, borders, corner radii etc.
 - d. Designation of shields attached to guide signs
 - e. Designation of arrow used on exit direction signs

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services

Provided By:

ENGINEER CITY/COUNTY

5. Traffic Signals

a. Development of Justification (Warrant) Data

- (1) Location Map
Relationship of proposed installation to other traffic signals, highways, business areas and traffic generators
- (2) Photographs as appropriate
- (3) Accident data as appropriate
- (4) Vehicle volumes (provided by TxDOT)
 - (a) Existing
 - (b) Estimated
 - (c) Projected
 - (d) Pedestrian
- (5) Traffic Survey - Count Analysis
- (6) Recommendation based on above data

b. Layout

- (1) Title Sheet (when applicable)
 - (a) Describe the location
 - (b) Type of installation
 - (c) Area map with project limits for each location
 - (d) Index of sheets
 - (e) Space for official signatures
- (2) Estimate and quantity sheet (when applicable)
 - (a) List of all bid items
 - (b) Bid item quantities
 - (c) Specification item number
 - (d) Paid item description and unit of measure
- (3) Basis of estimate sheet (list of materials)
- (4) General notes and specification data sheet
- (5) Condition diagram
 - (a) Highway and intersection design features
 - (b) Roadside development
 - (c) Traffic control including illumination
- (6) Plan sheet(s)
 - (a) Existing traffic control that will remain (signs and markings)
 - (b) Existing utilities
 - (c) Proposed highway improvements
 - (d) Proposed installation
 - (e) Proposed additional traffic controls
 - (f) When applicable, proposed conduit for Railroad interconnect with standard details for runs under tracks.
 - (g) Proposed illumination attached to signal poles.
- (7) Notes for plan layout
- (8) Elevation sheet(s) (span wire design)
- (9) Phase sequence diagram(s)
 - (a) Signal locations
 - (b) Signal indications
 - (c) Phase diagram
 - (d) Signal sequence table
 - (e) Flashing operation (normal and emergency)
 - (f) Preemption operation (when applicable)
 - (g) Interval timing, cycle length and offset

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services

Provided By:

ENGINEER CITY/COUNTY

- 5. Traffic Signals *(continued)*
 - b. Layout *(continued)*
 - (10) Construction detail sheets(s)
 - (a) Poles (TxDOT standard sheets)
 - (b) Detectors
 - (c) Pull Box and conduit layout
 - (d) Controller Foundation standard sheet
 - (11) Marking details (when applicable)
 - (12) Barricade and warning sign standard sheet and any special details for work zone traffic control for special conditions
 - (13) Aerial or underground interconnect details (when applicable)
 - c. General Requirements
 - (1) Contact local utility company
 - (a) Confirm power source
 - (b) Discuss route of aerial or underground interconnect cable (when applicable)
 - (c) Adjustment of overhead utility lines
 - (2) Prepare governing specifications and special provisions list
 - (3) Prepare project estimate
 - d. Summary of Quantities

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 10 - MISCELLANEOUS (ROADWAY)
(Function Code 163)

Services
Provided By:
ENGINEER CITY/COUNTY

- 1. Retaining Walls
 - a. Structural Details
 - ___ ___ (1) Cast-in-Place Cantilever at ___ locations. (TxDOT Standard Retaining Wall)*
 - ___ ___ (2) Tiedback Retaining Wall at ___ location. (TxDOT standard retaining wall)
 - ___ ___ (3) Specialized Retaining Wall at ___ locations (Unique Design).*
 - b. Alternate Patented Retaining Walls at all locations. (Layouts Only)**
 - ___ ___ (1) Mechanically Stabilized Earth
 - ___ ___ (2) Concrete Block Wall Systems
 - c. Retaining Wall Layout (PLAN)
 - ___ ___ (1) Designation of reference line
 - ___ ___ (2) Beginning and ending retaining wall stations
 - ___ ___ (3) Station of each retaining wall joint***
 - ___ ___ (4) Offset from reference line
 - ___ ___ (5) Horizontal curve data
 - ___ ___ (6) Number of retaining wall panels and lengths***
 - ___ ___ (7) Total length of wall
 - ___ ___ (8) Indicate face of wall
 - ___ ___ (9) All wall dimensions and alignment relations (alignment data as necessary)
 - ___ ___ (10) Soil core hole locations
 - d. Retaining Wall Layout (ELEVATION)
 - ___ ___ (1) Top of wall elevations at each joint or intervals***
 - ___ ___ (2) Existing and finished ground line elevations
 - ___ ___ (3) Height of stem at each joint***
 - ___ ___ (4) Wall panel designations***
 - ___ ___ (5) Top of footing elevations***
 - ___ ___ (6) Limits of measurement for payment****
 - ___ ___ (7) Type, limits and anchorage details of railing (If applicable)
 - ___ ___ (8) Top and bottom of wall profiles and soil core hole data plotted at correct station and elevation. The plot shall be at the same scale as the wall profile. Ground water elevations and the observation date shall be shown.
 - e. Foundation Studies (Show cost estimate with Function Code 110)
 - ___ ___ (1) The soil core holes shall be obtained at approximately 200 foot intervals along retaining wall alignments. The core holes shall extend 25 feet below the footing elevation.
 - f. Stability Analysis (the ENGINEER shall estimate this task as part of his bid to complete the work).
 - g. Estimate
 - h. Summary of Quantities
 - i. Typical X-section.
 - j. General Guidelines for Retaining Walls
 - ___ ___ (1) The ENGINEER shall make final design calculations and final detail drawings in accordance with standard requirements of the Texas Department of Transportation. **The designer and checker shall check all calculations and initial each page.**
 - ___ ___ (2) The ground water level should be observed at the water strike.
 - ___ ___ (3) For purposes of uniformity statewide, soil core hole data shall be shown on layouts as illustrated in the Bridges and Structures Foundation Exploration and Design Manual.
 - ___ ___ (4) Foundation exploration shall conform to the requirements set forth in Administrative Circular No. 25-84, Administrative Circular 33-87 and Administrative Circular No. 25-92.

EXHIBIT “C”
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services

Provided By:

ENGINEER CITY/COUNTY

____ _____

2. Traffic Control Plan, Detours and Sequence of Construction

Traffic Control Plans (TCP) are required for all projects. A detailed TCP shall be developed when traffic handling during construction involves complications for which a feasible solution is not covered by the Texas MUTCD or the current Barricade and Construction (BC) Standards. The following items are required on all Traffic Control Plan Layouts:

- a. The sequence of construction and method of handling traffic during each phase.
- b. The existing and proposed traffic control devices that will be used to handle traffic during each construction sequence. Include signals, regulatory signs, warning signs, construction warning signs, guide signs, route markers, construction pavement markings, channelizing devices, portable changeable message signs, flashing arrow boards, barricades, barriers, etc.
- c. The proposed traffic control devices (stop signs, signals, flag person, etc.) at grade intersections during each construction sequence.
- d. Where detours are provided, typical cross sections shall be shown.
- e. Road construction work hours shall be developed after an investigation of the traffic volumes has been performed.

____ _____

3. Illumination

a. Preliminary Roadway Illumination Layout and Circuit Layout

(1) For projects involving freeway to freeway or other types of directional interchanges and projects including left-hand ramps or connections, provide the following:

- (a) The location of interchanges, main lanes, grade separations, frontage roads and ramps
- (b) A complete explanation of the sequence and methods of stage construction, where applicable, which would include the initial and ultimate proposed treatment of crossovers and ramps
- (c) The number of lanes in each section of proposed highway and the location of changes in the number of lanes
- (d) The projected traffic volumes as provided by the STATE (20 year traffic projection unless otherwise determined by the district engineer)
- (e) Tentative ROW limits
- (f) Direction of traffic flow on all roadways
- (g) Main lane, ramp, frontage road, and necessary cross road profiles at proposed interchanges or grade separations

____ _____

b. Final Roadway Illumination and Electrical Circuit Layouts

- (1) Roadway layout showing pavement edges, shoulders, curbs, retaining walls, etc.
- (2) Center line with station numbering.
- (3) ROW lines.
- (4) Symbol legend. Use department standard symbols for lighting and electrical.
- (5) Culverts and other structures that present a hazard to traffic.
- (6) Location of underground utilities, if not shown on plan profile.
- (7) Location of overhead electrical lines, both crossing and parallel to ROW.
- (8) Existing sign lighting circuits and roadway illumination to remain, to be removed, to be relocated.
- (9) Existing service poles, electrical circuits, ground boxes, etc.
- (10) Contact electric utility for service pole locations, voltage characteristics.
- (11) Location of proposed sign lighting circuits and roadway illumination.
- (12) Proposed electrical circuits.
- (13) Tabulation of all quantities including proposed, existing to be relocated, existing to be removed. The layout sheet quantities and lighting summary shall be shown. Tabulations to include estimated quantity with a column for final quantities.

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services
 Provided By:
ENGINEER CITY/COUNTY

- | | | |
|---|---|---|
| — | — | 3. Illumination (<i>continued</i>) |
| — | — | c. General Guidelines for Illumination (If applicable)
The ENGINEER shall submit to the COUNTY, well in advance of PS&E due date, the roadway illumination and electrical circuit layout sheets for review by the STATE. Two copies of the layout sheets are to be submitted. One copy will be returned to the Engineer showing corrections that are to be made by the ENGINEER. When final plan submission is made, the ENGINEER shall provide a written statement regarding completion of the corrections. |
| — | — | 4. Miscellaneous Drafting/Standards |
| — | — | a. Erosion Control |
| — | — | b. Landscape Development |
| — | — | 5. Compute and Tabulate Quantities |
| — | — | 6. Special Utility Details (Irrigation lines) |
| — | — | 7. Miscellaneous Structures |
| — | — | a. Type of Structure* |
| — | — | (1) Overhead Sign Bridges (O.S.B.)
Modifications or special O.S.B. designs shall be prepared using the same design assumptions that are used for the standard O.S.B structures. |
| — | — | (a) New O.S.B. structure(s) |
| — | — | (b) Structural evaluation of existing O.S.B. structure(s) that are to remain in place or to be relocated. |
| — | — | (2) High Mast Illumination Poles (HMIP) |
| — | — | (3) Traffic Signal Supports |
| — | — | (4) Conventional Illumination Poles |
| — | — | (5) Sound Barrier Walls |
| — | — | b. Checklist for Layouts |
| — | — | (1) Reference appropriate O.S.B. standard |
| — | — | (2) Drilled shaft size and length |
| — | — | (3) Soil strength used for design {indicate basis and boring(s) used} |
| — | — | (4) Design height |
| — | — | (5) Tower heights |
| — | — | (6) Leg spacings |
| — | — | (7) Design wind speed |
| — | — | c. Foundation Studies (Show cost estimate with Function Code 110)
The soils exploration requirements for miscellaneous structures on this project are as follows: (To be provided by the Engineer on an as-needed basis) |
| — | — | 8. Agreements |
| — | — | a. Utility Agreements |
| — | — | b. Exhibits for Utility Agreements |
| — | — | c. Railroad Agreements |
| — | — | d. Railroad Exhibits |
| — | — | (1) Railroad Underpasses |
| — | — | (2) Railroad Overpasses |
| — | — | (3) Railroad Grade Crossing (Replanking) |
| — | — | (4) Railroad Grade Crossing Warning Systems (Signals) |
| — | — | (5) Other Miscellaneous Sketches for Railroads |
| — | — | e. Traffic Signal Agreements |
| — | — | f. Exhibits for Traffic Signal Agreements |
| — | — | 9. Estimate |
| — | — | 10. Specifications and General Notes |

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 11 - BRIDGE DESIGN
(Function Code 170)

Services
Provided By:
ENGINEER CITY/COUNTY

			<u>NUMBER REQUIRED</u>
1. Preparation of Structural Details			
a. New Structure(s)			
___	___	(1) Underpass(es)	___
___	___	(2) Overpass(es)	___
___	___	(3) Main Lanes	___
___	___	(4) Direct Connector(s)	___
___	___	(5) Ramp Bridge(s)	___
___	___	(6) Waterway Structure(s)**	___
___	___	(7) Pedestrian Structure(s)	___
___	___	(8) Utility Structure(s)	___
___	___	(9) Railroad Underpass(es)	___
___	___	(10) Railroad Overpass(es)	___
___	___	(11) Bridge Classification Culvert(s)**	___
___	___	(11) Alternate Structural Designs	___
___	___	(12) Alternate Foundation Design	___
Total New Structures =			___
b. Existing Structure(s)			
___	___	(1) Bridge Widening, Rehabilitation and/or Modification of Existing Structure(s)	___
___	___	(2) Bridge Replacement	___
___	___	(3) Raising Bridge Elevation	___
___	___	(4) Bridge Classification Culvert(s) Widening and/or Modification of Existing Structures(s)	___
___	___	(5) Railroad Overpass(es)	___
___	___	(6) Railroad Underpass(es)	___
Total Existing Structures =			___

* Contour plots of bridge gores are required for projects involving ramps within the main bridge in order to ensure project transition. The Template data and vertical alignment necessary to generate the contour plots are also required.

** In the early stages of a project, it sometimes cannot be determined whether a Waterway Bridge Structure or a Bridge Classification Culvert (20' minimum length) will be required. Therefore, the ENGINEER should be aware that either of these two types of bridges may be reclassified later in the project for the other type when more information is known that would dictate a change in structure classification.

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2. Preparation of Bridge Layouts (each bridge)
- a. Bridge Layouts (PLAN)
- (1) Horizontal curve information or bearing of centerline.
 - (2) Including horizontal, vertical, and template information of all roadways or railroads crossed.
 - (3) Bearing of center line or reference line.
 - (4) Skew angle(s).
 - (5) Slope for header banks and approach fills.
 - (6) Control stations at beginning and ending of bridge (with deck elevation), intersections, etc.
 - (7) Approach pavement and crown width.
 - (8) Bridge roadway width and curbs, face of rail, shoulders, or sidewalks.
 - (9) Approach slab and curb returns.
 - (10) Limits and type of riprap.
 - (11) Proposed features under structure.
 - (12) Location of profile grade line.
 - (13) North arrow.
 - (14) Typical bridge roadway section including preliminary proposed beam types and spacings.
 - (15) Cross slope and super elevation data.
 - (16) Minimum horizontal clearances when applicable.
 - (a) Dimensions to features that control clearances. (Calculate and indicate points of minimum vertical and horizontal clearances.
 - (17) Location of soil core holes (station and offset), shown on layout.
 - (18) Bent stations and bearings.
 - (19) Retaining wall locations.
 - (20) Traffic flow directional arrows.
 - (21) Railing types shown.
 - (22) Joint types and seal size, if used.
 - (23) Beam line numbers consistent with span details.
 - (24) Critical horizontal clearances (location of railroad tracks, nearby structures and utilities).
 - (25) Bearings of utilities.
- b. Bridge Layouts (ELEVATION)
- (1) Type of foundation.
 - (2) Finished grade elevations at beginning and end of bridge.
 - (3) Overall length of structure.
 - (4) Length, type of spans and units.
 - (5) Type of railing.
 - (6) Minimum calculated vertical clearance(s).
 - (7) Existing and proposed ground lines clearly marked.
 - (8) Grid elevations and stations.
 - (9) Bent numbers encircled.
 - (10) Stationing of bridge compatible with grid stations.
 - (11) Standard title.
 - (12) Profile grade data.
 - (13) Type of riprap.
 - (14) Soil Core Hole information with penetrometer test data shall be shown on the bridge layout at correct station, elevation and scale.
 - (15) Fixed/expansion condition of all bents.
 - (16) Column "H" heights.
 - (17) Number, size and length of foundations.

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- — 2. Preparation of Bridge Layouts (each bridge) *(continued)*
- — c. Additional layout requirements for waterway structures and bridge classification culverts.
- (1) Design and 100-year peak discharges.
 - (2) Design and 100-year high water (HW) (Recorded HW and date if available)
 - (3) Natural and through-bridge velocities for design and 100-year floods.
 - (4) Calculated backwater for design and 100-year floods.
 - (5) Direction of flow for waterway crossings.
 - (6) Contours for water crossing.
- — 3. Bridge Classification Culvert, Estimate, Quantities, and Specifications (each bridge)
- — 4. Foundation Studies (Show cost estimate with Function Code 110)
- The minimum number of soil core holes shall be obtained in accordance with Section 1-301 of the Bridges and Structures Foundation Exploration and Design Manual. Soil core holes shall be obtained at approximately (300 foot) intervals along bridge alignments. Texas cone penetrometer (TCP) tests shall be conducted in all soil types encountered at a maximum of (10 foot) intervals. If single column bents with single drilled shafts are planned, TCP values should be taken at close intervals in the upper (15 feet).
- — 5. Bridge Total Quantities and Cost Estimates (each bridge)
- — 6. Bridge Special Provisions and Specifications (each bridge)
- — 7. Bearing seat elevations for each beam or girder. Top of cap elevations for non-beam type structures.
- — 8. General Guidelines for Bridge Design
- a. The ENGINEER shall prepare a bridge layout of each bridge structure for Company's review and approval. The bridge layout shall be in conformance with the Bridges and Structures, Operation and Planning Manual and the Bridges and Structures, Detailing Manual. Soil core hole data is not required for submission of the preliminary bridge layout. **No bridge design work is to be performed until the COUNTY has given the engineer written approval of the preliminary bridge layout.**
- Several months may be required, after the preliminary bridge layout is submitted, for the district to obtain approval and/or permits from the following:
- TxDOT Design Division, when applicable:
 - Railroad Companies
 - FHWA
 - U.S. Army Corps of Engineers
 - U.S. Coast Guard
 - Bureau of Reclamation
 - Texas Parks and Wildlife
 - Others
- Therefore, the bridge layout should be submitted at the earliest possible date and the ENGINEER's design schedule should reflect this.
- b. All bridge superstructure and substructure design will be reviewed by the Design Division for purposes of verifying structural integrity and optimization of design.
- c. The final bridge layout shall be in conformance with the Bridges and Structures, Operation and Planning Manual and the Bridges and Structures Detailing Manual.

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8. General Guidelines for Bridge Design (*continued*)
- d. The ENGINEER shall make final design calculations and final detail drawings in accordance with standard requirements of the Texas Department of Transportation. All bridge design shall be in conformance with the Texas Department of Transportation Bridges and Structures Operation and Planning Manual, the current American Association of State Highway and Transportation Officials or American Railway Engineers Association Specifications for railway structures, Standard Specifications for Highway Bridges, including applicable interim specifications, and the Bridges and Structures, Foundation Exploration and Design Manual. The ENGINEER shall furnish design calculations to the Design Division. **The designer and checker shall check all calculations and initial each page.**
 - e. Structural steel or prestressed concrete shop drawings, form work drawings and false work drawings are not part of the design requirements. However, contract plans shall be in sufficient detail to permit the preparation of complete shop details for fabrication and erection.
 - f. Elements of the bridge (abutments, bents, slabs, etc.) shall be detailed to a metric scale of 1:20 (1/2 inch equals one foot architect scale) or 1:50 (1/4 inch equals one foot architect scale) to provide clear legible drawings when the drawings are reduced. Lettering shall be a minimum size of 4 millimeters (5/32 inch) height for hand lettering and 140 for lettering by computer-aided design and drafting (CADD).
 - g. Standard drawings for beams, diaframs, railings, armor joints, riprap, etc., shall be furnished to the ENGINEER upon request. These standards shall not be redrawn by the ENGINEER nor shall his title block be transferred to the standard drawings. Modifications to the standards, if necessary, shall be clearly identified and designated by “MOD” in the standard title. Specific special drawings prepared by the ENGINEER shall not be identified as standards.
 - h. Bridge layout sheets shall have the same vertical and horizontal scale. Usually a metric scale of 1:100 (1 inch = 10 feet) or 1:200 (1 inch = 20 feet) is used. Sections of existing and proposed structures usually have a metric scale of 1:50 (1 inch = 5 feet). Soil core holes shall be positioned and labeled on the bridge layout plan view. The core hole data shall be plotted at the correct station, at the same vertical scale, and at the proper elevation unless otherwise approved by the Design Division.
 - i. APPENDIX C, “GENERAL PLAN CHECKLIST”, on pages C-1 thru C-5, more specifically relates various sheet types, details, summaries, standards, etc.
 - j. For purposes of uniformity statewide, soil core hole data shall be shown on layouts as illustrated in the Bridges and Structures Foundation Exploration and Design Manual.
 - k. Geometry and structural design errors found after acceptance of bridge plans shall be promptly corrected by the consultant at no cost to the Company.

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SECTION 12 - CONSTRUCTION PHASE SERVICES

(Function Code 320)

Services
Provided By:
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— — **CONSTRUCTION MANAGEMENT SERVICES:**

The ENGINEER will provide engineering, geotechnical testing and support services for and during the construction of the Project or portions of the Project approved by the COUNTY. Specific (basic and special) services for CONSTRUCTION MANAGEMENT AND SUPPORT by the ENGINEER will include the following:

Construction Bidding:

- 1) The ENGINEER will furnish the COUNTY the necessary copies of approved plans, specifications, notices to bidders, and proposals as prepared under PS&E.
- 2) The ENGINEER will assist the COUNTY on the tabulation of bids, recommendations to the Owner as to the proper action on all bid proposals received, and the preparation of formal contract documents for the award of each construction contract.

Construction Contract Administration and Inspection:

- 3) In general, the ENGINEER will provide the management and engineering support/data required for consultation and advisement to the COUNTY and act as the COUNTY's representative as provided in the General Condition of the Construction Contract.
- 4) The ENGINEER will coordinate and conduct a pre-construction conference (if required).
- 5) Defects and Deficiencies. The ENGINEER will use his best efforts to protect the COUNTY against defects and deficiencies in the work of the Contractor. The ENGINEER will promptly notify the COUNTY of any such defect or deficiency, and take all steps possible to require the Contractor to correct the defect or deficiency.
- 6) Contractor Payment. The ENGINEER will review quantities as submitted by the Contractor and will coordinate with the COUNTY for the preparation of the monthly and final estimates for payment to the Contractor.
- 7) The ENGINEER will provide Project site inspection of the authorized construction contract as follows:
 - a) Project Engineer. The ENGINEER will provide visits by the Project Engineer or a competent representative of the ENGINEER to the site of construction for the purpose of monitoring the Contractor's progress and conformance to the construction contract plans and specifications.
 - b) Resident Engineer and/or Construction Inspector(s). The ENGINEER will furnish the services of a Resident Engineer and/or Construction Inspector(s) for on the site inspection construction to monitor/inspect the Contractor's daily progress and conformance to TxDOT's PS&E specifications.

Miscellaneous Technical Activities:

- 8) Shop Drawings. The ENGINEER will review and check all shop or working drawings furnished by the Contractor.

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- 9) Control of Materials & Equipment. The ENGINEER will provide inspection of all materials and equipment furnished/used by the Contractor as follows:
 - a) Review and record all laboratory, shop and mill tests of materials and equipment for compliance with the construction contract specifications.
 - b) Observe and/or perform Project record testing and/or independent assurance testing as outlined in the construction contract specifications.
- 10) Change Orders. When applicable the ENGINEER will prepare the engineering data, including plan sheet drawings, specifications, and estimates, for the preparation of construction contract change orders, which may be required due to actual field conditions encountered or new requirements directed by the COUNTY.
- 11) As Built Drawings. The ENGINEER will develop as built drawings to depict the work as actually constructed. The COUNTY will be furnished five (5) set of prints.

CONSTRUCTION MATERIAL TESTING:

The ENGINEER will provide the COUNTY with construction material testing services for the Project. The services to be provided include sampling and testing of all construction materials as required by the project plans and specifications. All sampling frequencies and test procedures will be performed in general accordance with the Texas Department of Transportation TEX methods (or ASTM methods as required) as outlined in the Guide Schedule for Sampling and Testing (11/07). The construction material testing includes, but is not limited to the following:

- (a) Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.
- (b) Field density testing of soils and base materials to ensure proper compaction as required by project plans and specifications.
- (c) Field sampling and testing of fresh concrete, and laboratory testing of hardened concrete to determine compliance with project plans and specifications.
- (d) Field compaction testing of asphalt to ensure proper compaction during lay down operations.
- (e) Field inspection, sampling and laboratory testing of asphalt materials to determine their material properties and their compliance with project plans and specifications.
- (f) The ENGINEER will be responsible for concrete batching as well as the asphalt testing at the plants to insure delivery of acceptable material to the job site.
- (g) Any additional laboratory testing as required/requested by the COUNTY and the project plans and specifications.
- (h) Providing accurate and timely reports to the COUNTY and all/other recipients as designated by the COUNTY.
- (i) The ENGINEER will verify the concrete and asphalt designs to assure it is in accordance with TxDOT specifications to be developed by the contractor.

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SECTION 13 - FC 600 – ACQUISITION PROVIDER SERVICES
(for EST. 0 PARCELS AND 0 RELOCATIONS/DISPLACEMENTS)

(Services to be provided by L&G Engineering)

Services
Provided By:
ENGINEER CITY/COUNTY

1) PROJECT ADMINISTRATION

- a) Negotiation of Scope of Services for Work Authorization
 - i) Acquisition Provider will visit project site with COUNTY personnel if necessary.
- b) Project Presence at L&G Consultant Office Headquarters
 - i) Full Project Office
 - (1) No Joint Use of COUNTY or TxDOT facilities
 - (2) Open during normal COUNTY and State work hours
 - (3) Personnel available to answer questions
 - (4) Availability of Project Files
 - (5) At least one office staff member is required to be a current commissioned notary public.
- c) Overhead Costs
 - i) Administrative costs
- d) Communication
 - i) Provide monthly progress reports with invoice.
 - ii) Participate in project review meetings as determined by the COUNTY.
 - iii) Prepare initial property owner contact list for use by the COUNTY in distribution of Acquisition Provider introduction letters.
 - iv) Prepare and Mail via Certified, Return Receipt Requested method, all introduction letters for each individual parcel.
- e) File Management
 - i) Project and parcel files will be kept in the COUNTY's Office, if necessary. Working files will be kept in the Acquisition Provider's project administrative office, but documents generated or received by the Acquisition Provider will be forwarded to the COUNTY office as they are generated or received by the Acquisition Provider, if necessary.
 - ii) Prepare payment transmittal request utilizing standard payment submissions forms with supporting documentation.
 - iii) Maintain records of all payments including check number, amount, and date paid, etc.
 - iv) Provide copies of all incoming and outgoing correspondence as generated if requested by COUNTY at provider conference.
 - v) Maintain copies of all correspondence and contacts with property owners.

2) TITLE SERVICES

- a) Secure preliminary title commitments from the Title Company that will be providing title insurance. Cost of preliminary title commitments will be paid by the Acquisition Provider (if requested by the title company) and will be included in the Acquisition Provider's scope of work for payment and paid as a separate item.
- b) Secure title commitment updates in accordance with insurance rules and requirements for parcel payment submissions. Cost of title commitment updates will be paid by the Acquisition Provider (if requested by the title company) and will be included in the Acquisition Provider's scope of work and paid as a separate item.
- c) Secure title insurance for all parcels acquired, insuring acceptable title to COUNTY OF HIDALGO. Written approval by the COUNTY required for any exception.

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3) APPRAISAL

- ___ ___ a) Appraiser may be selected from TxDOT’s list of state approved fee appraisers. This list will be available for review at all District offices or at the Right of Way Division Office at 118 E. Riverside Drive, Austin, Texas, upon request.
- ___ ___ b) Secure written permission (if necessary) from the owner to enter the property from which land is to be acquired. If the Acquisition Provider and/or the fee appraiser, after diligent effort, are unable to secure the necessary letter of permission from the property owner, a waiver must be obtained, in writing from the COUNTY/TxDOT. Maintain permission letters with appraisal reports.
- ___ ___ c) Prepare (if necessary) pre-appraisal contact with interest owner(s) for each parcel using acceptable COUNTY/TxDOT forms.
- ___ ___ d) Contact property owners or their designated representative to offer opportunity to accompany the appraiser on the appraiser’s inspection of subject property. Maintain record of contact in file.
- ___ ___ e) Prepare complete appraisal report for each parcel to be acquired utilizing TxDOT Forms No. ROW-A-5 and ROW-A-6 as applicable. These reports shall conform to TxDOT/COUNTY policies and procedures along with the Uniform Standards of Professional Appraisal Practices.
- ___ ___ f) As necessary, prepare written notification to COUNTY/TxDOT of any environmental concerns associated with the right of way to be acquired which could require environmental remediation.
- ___ ___ g) All completed appraisals will be administratively reviewed by L&G Engineering ROW Office and recommended for approval by TxDOT.
- ___ ___ h) As necessary, the appraiser will appear and or testify as an Expert Witness in eminent domain proceedings and be available for pre-hearing /pre-trial meetings as directed by L&G Engineering and/or TxDOT.
- ___ ___ i) As necessary, the appraiser will coordinate with review appraiser regarding revisions, comments, or additional information that may be required.
- ___ ___ j) The cost of the appraiser appearing as an expert witness for testimony at special commissioners hearing must be included in the proposed fee schedule for the appraiser. The cost of the appraiser’s expert witness testimony for trial is not part of this contract, and shall be paid by the COUNTY.

4) APPRAISAL REVIEW

- ___ ___ a) Review Appraiser may be selected from TxDOT’s list of state approved fee appraisers. This list is available for viewing at all District offices or the Right of Way Division office at 118 E. Riverside Drive, Austin, Texas upon request.
- ___ ___ b) Review all appraisal reports for each parcel to determine consistency of values, supporting documentation related to the conclusion reached and compliance with TxDOT/COUNTY policies and procedures and the Uniform Standards of Professional Appraisal Practices.
- ___ ___ c) Prepare and submit to TxDOT the Form ROW-RTA-10 “Tabulation of Values”, for each appraisal.

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___ ___ d) The cost of the review appraiser appearing as an expert witness for testimony at special commissioners hearing must be included in the proposed fee schedule for the review appraiser. The cost of the appraiser's expert witness testimony for trial is not part of this contract, and shall be paid by the COUNTY.

5) APPRAISAL UPDATES

___ ___ a) Prepare complete appraisal update for the parcel to be acquired utilizing TxDOT Form No. ROW-A-5. These reports shall conform to COUNTY/TxDOT policies and procedures along with the Uniform Standards of Professional Appraisal Practices.

___ ___ b) As necessary, prepare written notification to COUNTY/TxDOT of any environmental concerns associated with the right of way to be acquired which could require environmental remediation. All completed appraisals will be administratively reviewed by L&G Engineering Right of Way Office and recommended for approval by TxDOT.

___ ___ c) As necessary, the appraiser will appear or testify as an Expert Witness in eminent domain proceedings and be available for pre-hearing or pre-trial meetings as directed by the COUNTY/TxDOT.

___ ___ d) The cost of the appraiser appearing as an expert witness for testimony at special commissioners hearing must be included in the proposed fee schedule for the appraiser. The cost of the appraiser's expert witness testimony for trial is not part of this contract, and shall be paid by the COUNTY.

___ ___ e) As necessary, the appraiser will coordinate with the review appraiser regarding corrections and/or additional information that may be required.

6) NEGOTIATION, TASKS AND FEES

___ ___ a) Analyze appraisal and appraisal review reports and confirm the TxDOT's approved value prior to making offer for each parcel.

___ ___ b) Analyze preliminary title report to determine potential title problems, propose methods to cure title deficiencies.

___ ___ c) Prepare the initial offer letter, instruments of conveyance, and any other documents required or requested by COUNTY /TxDOT on applicable COUNTY /TxDOT forms.

___ ___ d) Mail (Certified Mail Return Receipt Requested) initial offer letter, draft deed, Bill of Rights Brochures, Acknowledgement of Appraisal and Appraisal Reports to address confirmed with the Appraisal District of Hidalgo County. Maintain follow-up contacts and secure the necessary instruments upon acceptance of the offer for the closing.

___ ___ e) Provide a copy of the appraisal report for the subject property exclusively to the property owner or authorized representative at mailing of initial offer. Maintain original signed Receipt of Appraisal. (unless property owner refuses to sign it).

___ ___ f) Respond to property owner inquiries verbally and in writing within two business days.

___ ___ g) Prepare a separate negotiator contact report for each parcel per contact.

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- ___ ___ h) Maintain parcel files of original documentation related to the purchase of the real property or property interests.
- ___ ___ i) Advise property owner on the Administrative Settlement process. Transmit to TxDOT any written counter offer from property owners including supporting documentation, and provider recommendation with regard to Administrative Settlements in accordance with COUNTY /TxDOT policy and procedures.
- ___ ___ j) Prepare final offer letter, documents of conveyance as necessary.
- ___ ___ k) Appear and provide Expert Witness testimony as an Acquisition Provider when requested.
- ___ ___ l) Meet at the L&G Engineering ROW office in Mission once per week as agreed-upon with the Right of Way Acquisition Manager/Administrator.
- ___ ___ m) Provide a monthly progress report per parcel by the 25th of the month with invoice.
- ___ ___ n) The consultant shall, as part of this proposal, estimate 10% of the parcels identified on Page 37 may result in condemnation. The consultant shall be available for any meeting/hearings as requested by the COUNTY Attorney.
- 7) **CLOSING SERVICE FEES**
 - ___ ___ a) Coordinate with COUNTY and Title Company to obtain an updated title commitment along with other Forms and certified copy of the instrument of conveyance necessary when requesting the Parcel Payment from the COUNTY.
 - ___ ___ b) Acquisition Provider shall attend closings and provide closing services in conjunction with Title Company.
 - ___ ___ c) Acquisition Provider shall record all original instruments immediately after closing at the respective County Clerk's Office, except for donations which must be forwarded to TxDOT for acceptance by the Texas Transportation Commission.
- 8) **RELOCATION ASSISTANCE SERVICES (separate Work Authorization will be issued once relocations have been identified, unless noted otherwise).**
 - ___ ___ a) The amount of relocations or displacements as identified. L&G will provide relocation advisory services. L&G will compute replacement housing supplements (owner occupant and/or tenants)
 - ___ ___ b) L&G will provide advisory services to business displacements and relocate them effectively.
 - ___ ___ c) TxDOT will review, approve and pay for all relocation costs as per the Agreement.
- 9) **CONDEMNATION SUPPORT**
 - ___ ___ a) Pre-Hearing Support
 - i) Upon receipt of a copy of the final offer, request an updated title commitment for Eminent Domain from the Title Company.
 - ii) Prepare a Bisection Clause for the original set of Legal Descriptions supplied by Surveyor, if applicable.
 - iii) Use the information from the Title Commitment to join all interested parties on the necessary forms. Spouses of owners must also be joined.

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- iv) Upon completion of the necessary forms, prepare a packet containing 2 copies each of the following documents: Title Commitment, Negotiator's Reports, Appraisal Acknowledgment, Preappraisal Contact Sheet, signed and sealed property description, and plat, Final Offer Letter, any correspondence from the land owner or representatives, along with one copy of the appraisal report. Submit packet to the COUNTY Office for submission to the COUNTY Attorney's office.
 - v) Upon receipt of concurrence for the Appraisal Witness, request the update of appraisal.
 - vi) Upon receipt of packet prepared by the COUNTY Attorney which will include Petition for Condemnation, Lis Pendens, Order Appointing Special Commissioners, Order Setting Hearing, Oath of Special Commissioner, and Notice of Hearings, developed by the COUNTY Attorney; the attorney shall file the original petition with the COUNTY Court at Law or other appropriate Court for a cause number to be assigned.
 - vii) The COUNTY attorney shall file the Lis Pendens including the cause number with the COUNTY Clerk's Office.
 - viii) Upon assignment of a court, the COUNTY Attorney shall file the Order Appointing Commissioners with the judge retaining a copy of the Order for the files.
 - ix) Following appointment of Special Commissioners by the judge, the COUNTY shall secure the following documents: Oath of Commissioners signed by the Commissioners, Order Setting Hearing, 2 copies of the Notice of Hearing signed by the Commissioners.
 - x) The COUNTY shall file all originals with the court and send copies marked "copy" to L & G Engineering.
 - xi) The COUNTY Attorney shall send a copy of the petition to the Title Company so that the Title Company can make sure the appropriate parties were joined and that no changes in title have occurred.
 - xii) The COUNTY Attorney shall set the Special Commissioners Hearing after the updated appraisal has been submitted, if there is no change in value. If there is an increase in value, COUNTY will approve the new value and the COUNTY's provider will present a revised offer and a final offer letter and submit a copy of the final offer letter.
 - xiii) The COUNTY Attorney shall coordinate a pre-hearing conference prior to the hearing (the day before or earlier) to discuss facts of the case with the COUNTY, Appraiser, and Negotiator.
 - xiv) After the hearing is set, the COUNTY Attorney shall serve Notices of Hearing to the indicated parties at least 11 days prior to the Commissioner's hearing. If it is necessary to join the Federal Government, be advised that they have an additional 60 days to prepare for the Hearing.
 - xv) Once the notices have been served, the COUNTY Attorney shall file the original notices with the court and send copies stamped "copy" to L&G Engineering ROW Office.

 - xvi) The COUNTY's Attorney shall send a reminder letter 2-3 weeks in advance to the COUNTY Administration offices, Acquisition Provider, the three special commissioners and court reporter concerning Hearing dates.
- _____
- b) Post Hearing Support (by COUNTY Attorney)
- i) For the hearing, prepare the necessary forms and Special Commissioners time sheets and submit forms to Hidalgo COUNTY clerk's office.
 - ii) Obtain the signatures of Special Commissioners on the Award of Commissioners and file with the court for the judge's signatures within 48 hours of the Hearing.
 - iii) Give timesheets to Judge. The amount paid to the Special Commissioners is determined by the Judge.
 - iv) Obtain and distribute 3 certified copies of the award as follows: 1 certified copy to the title company with a request for a commitment, 1 certified copy to the COUNTY, 1 certified copy to L&G Engineering with the Commitment to request the warrant in the amount of the Special Commissioners Award.

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- v) Send the Commitment and the Award to COUNTY, along with individual special commissioner's billing requesting the payment for their fees.
- vi) File COUNTY warrant in the registry of the court. File a Notice of Deposit with the court and send certified copies to each defendant notifying them of the date of the deposit. The Date of Deposit is the Date of Take.
- vii) Take photograph of the interest to be acquired (if necessary) on the day of deposit for relocation verification.
- viii) Send written notices of the date of deposit to the COUNTY Administration office and all interested parties.
- ix) Appear as Expert Witness as requested. Sub-contractors must also appear as Expert Witnesses as requested.
- x) All acquisition negotiations file indicating all “due diligence” provided by the Acquisition Provider will be directed to the COUNTY Attorney’s office for his further handling in accordance to the Eminent Domain process by the COUNTY.

10) COMPENSABLE UTILITIES

Utility Accommodation is an integral factor in road construction and design. Coordination of utility adjustments is a necessary function within planning, design, acquisition and construction and requires the administration of property rights issues, utility policy, and reimbursement of eligible utility adjustments. It includes the following tasks:

- — a) Preliminary Design Consultations
 - i) Conduct Field Investigation and review Certificate of Convenience and Necessity boundaries to identify utility providers within the project area. Communications through letter, phone calls and email to establish a contact list. Coordinate data gathering by surveyors and design team. Introduce project to utility providers.
- — b) Field Observations and Verifications
 - i) Provide maps to Utility providers to “redline” and identify conflicts. Coordinate exposures and data collection by surveyor. Provide and confirm utility data on project maps. Order Utility Location Service.
- — c) Exchange of Information with Utility Providers
 - i) Provide project schedule.
 - ii) Request schedules for utility adjustments.
 - iii) Identify who is responsible for utility process.
- — d) Confirmation of Property Interests
 - i) Request Documents.
 - ii) Coordination of data on maps and citation of property interest documents.
 - iii) Confirm utilities are within easements.
- — e) Coordination of Agreements
 - i) Identify utilities that are compensable.
 - ii) Determine parties and agreements necessary to complete compensable process.
 - iii) Coordinate execution and processing of Standard Utility Agreements.
- — f) Utility Meetings throughout project development
 - i) Set up and coordinate utility meetings during planning, design, acquisition and construction phases.
 - ii) Attend and participate in meetings by other parties.

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11) PAYMENT SCHEDULE

- a) Project Administration
 - i) Payment and Milestones
 - (a) Full Project Office
 - (1) Lump Sum Basis (assume 1 year project presence)
 - (2) Initial payment of 25% upon establishment of a project office with functional phone and utility services.
 - (3) Remainder paid out in equal monthly installments of 15% starting the following month.
 - (4) Monthly billing to COUNTY OF HIDALGO will be required.
- b) Title Services
 - ii) Payment
 - (a) Per Parcel basis.
 - iii) Milestones
 - (a) 100% upon securing initial title commitment.
- c) Appraisal Services
 - i) Payment
 - (a) Per Parcel Basis
 - ii) Milestones
 - (a) 100% paid upon delivery of complete and acceptable appraisal report
- d) Appraisal Review
 - i) Payment
 - (a) Per Parcel Basis
 - ii) Milestones
 - (a) 100% upon submission of ROW-A-10
- e) Appraisal Update
 - i) Payment
 - (a) Per Parcel Basis
 - ii) Milestones
 - (a) 100% upon delivery of complete and acceptable appraisal update.
- f) Negotiation, Task, and Fees
 - i) Payment
 - (a) Per Parcel Basis
 - ii) Milestones
 - (a) 80% upon presentation of initial offer.
 - (b) 20% upon successful negotiation and all instruments are recorded.
- g) Closing Service Fees
 - i) Payment
 - (a) Per Parcel Basis
 - ii) Milestones
 - (a) 100% upon recordation of instrument of conveyance.
- h) Relocation Assistance
 - i) Payment
 - (a) Per Relocation
 - ii) Milestones
 - (a) 100% upon issuance of 90-day vacancy letter.
- i) Compensable Utilities
 - i) Payment
 - (a) By percent complete

EXHIBIT “C”
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

ADDITIONAL RESONSIBILITIES

Easements, Letters of Permission, Etc.

The ENGINEER shall be responsible for delineating easements. The ENGINEER will be responsible for securing the necessary legal instruments.

Coordination of Utilities

The ENGINEER shall furnish the COUNTY prints of a project layout which will be distributed by ENGINEER to various utility companies to determine which utilities are in the limits of the project. These shall be preliminary layouts. Upon completion of the preliminary drainage plans and U&D sheets, the ENGINEER shall distribute to the various utility companies and request return. Upon return of these prints, the ENGINEER will schedule a meeting with the various utility companies to discuss potential conflicts and conformance with the State's Utility Accommodation Policy. The ENGINEER is responsible for coordination with the various utility companies for exposing potential conflicts and field ties to uncover utilities in potential conflict areas.

Meetings

Meetings will be held with the FHWA, State Officials, local governments, property owners, utility owners, railroad companies, other consulting firms, etc., as needed or required by the COUNTY. The ENGINEER shall coordinate through the COUNTY for the development of this project with any local entity having jurisdiction or interest in the project (i.e., city, county, etc).

Specifications, Special Provisions, Special Specifications

Use the State's standard specifications or previously approved special provisions and/or special specifications. If a special provision and/or special specification is developed for this project, it shall be in the State's format and incorporate references to approved State test procedures.

Project Manager/Engineer Communication

The ENGINEER shall designate one Texas Registered Professional Engineer to be responsible throughout the project for project management and all communications, including billing, with the COUNTY's Director. Any replacements to the ENGINEER's designated Project Manager/Engineer must be approved by the COUNTY.

Engineering documents produced for the department's engineering projects shall be signed, sealed and dated or CADD sealed in accordance with Administrative Order No. 5-89 and Administrative Circular No. 26-91.

Design Responsibilities

The ENGINEER is responsible for design errors and/or omissions that become evident before, during or after construction of the project. The ENGINEER's responsibility for all questions arising from design errors and/or omissions will be determined by the COUNTY and all decisions shall be final and binding. This would include, but not necessarily be limited to:

1. All design errors and/or omissions resulting in additional design work to correct the errors and/or omissions.
2. Preparation of design documents and detail drawings necessary for a field change due to design errors and/or omissions.
3. Revision of original tracings to the extent required for a field change due to design errors and/or omissions.

The ENGINEER shall promptly make necessary revisions or corrections resulting from the ENGINEER's errors, omissions or negligent acts without additional compensation. Acceptance of the work by the COUNTY will not relieve the ENGINEER of the responsibility for subsequent correction of any such errors or omissions or for clarification of any ambiguities.

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Document and Information Exchange

Data, Plan Sheets, General Notes and/or Specifications provided to the COUNTY shall be furnished on 8GB USB flash drives. Each 8 GB flash drive shall have a file titled Table of Contents. The Table of Contents shall indicate the locations of files within the directory structure of the documentation.

General Notes and specifications shall be provided in MS Office 2007 format. Plan sheets shall be provided in Microstation DGN or GEOPAK GPK format. PDF copies of plan sheets shall also be provided.

Two copies of the documentation shall be provided to the COUNTY.

If required, the ENGINEER shall provide to the COUNTY, a CD that contains all the plan sheets for the project. The graphics tape shall be compatible with the COUNTY's computer system.

CD Tape Required (YES or NO): YES

Proposal Time

The time indicated in the proposal and the contract shall include time necessary for reviews, approval, etc.

Office Location

The ENGINEER will perform the services to be provided under this agreement out of their office or offices listed below:

<u>Service</u>	<u>Office Location</u>
Field Surveys	Mission Office
Schematic	Mission Office
Environmental Document	Mercedes Office

The work effort will be managed out of the _____ Mercedes _____
(City)
office located at 2100 West Expressway 83 _____,
(Address)
Mercedes _____, Texas _____.
(City) (State)

EXHIBIT “C”
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

APPENDIX A - PLAN SHEET SEQUENCE PROCEDURE

1. Title Sheet
Detailed Index of Sheets
2. Typical Sections
3. General Notes and Specifications Data
4. Estimate and Quantity Sheets
5. Storm Water Pollution Prevention Plan (SW3P) Sheets
6. Traffic Control Plans
 - a. Sequence of Construction Layouts
 - b. Detour Plan/Profile/Typical Sections/Quantities
7. Roadway Layouts
 - a. Roadway Plan/Profile Sheets
 - b. Intersection Plan/Profile Sheets
 - c. Intersection Layouts
 - d. Alignment Layouts/Data
 - e. Ramp Layouts/Profiles
 - f. Connection Roads/U-turns Layouts/Profile
8. Roadway Details
 - a. Concrete Pavement Details/Standards
 - b. Concrete Pavement Terminal Anchorage Details/Standards
 - c. Bridge Approach Details/Standards
 - d. Bridge Terminal Anchorage Details/Standards
 - e. Roadway/Median Barrier Details/Standards
 - f. Curb Details
 - g. Driveway Details/Typical Sections/Standards
9. Signing Layouts and Marking Layouts
10. Traffic Signal Layouts
11. Lighting Layouts
12. Illumination Detail Standards (HMID, HMIF, HMIP, RID)
13. Utility Layouts/Profiles
14. Drainage Area Maps and Hydraulic Data
 - a. General Drainage Area Maps
 - b. Stage-Discharge Curves
 - c. Main Cross-Drainage Culvert/Bridge Hydraulic Data
 - d. Drainage Area Maps/Culverts/Storm Sewer
 - e. Hydraulic Data/Culverts/Inlets/Storm Sewer/Pumps
15. Detailed Drainage Plans
 - a. Drainage Plan/Profile Sheets (Storm Sewer Plan/Profile Sheets)
 - b. Channel Plan/Profiles/Typical Sections
 - c. Box Culvert Plan/Profile
 - d. Pipe Sewer/Culvert Cross Sections

EXHIBIT “C”
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

APPENDIX A - PLAN SHEET SEQUENCE PROCEDURE (Continued)

16. Drainage Structural Details/Standards
 - a. Inlet Details/Standards
 - b. Manhole Details/Standards
 - c. Junction Box Details/Standards
 - d. Safety End Treatment Details/Standards
 - e. Box Culvert Details/Standards
 - f. Culvert Wingwall Details/Standards
 - g. Excavation-Backfill Diaphragms
 - h. Riprap Details/Standards
 - i. Temporary Pollution and Erosion Control Details
17. Pumphouse Layouts
18. Pumphouse Details
19. Pumphouse Standard Details
20. Bridge Layouts/Profile/Typical Sections*
21. Bridge Details*
 - a. Summary of Bridge Quantities
 - b. Abutments
 - c. Interior Bents
 - d. Spans
 - e. Special details for the specific bridge
22. Bridge Standard Details*
23. Bridge Railing Standards
24. Retaining Wall Layouts/Profiles**
25. Retaining Wall Details**
26. Retaining Wall Standard Details**
27. Guard Fence/Standards and Signal Pole Standards
28. Signal/Electrical Details/Standards and Signal Pole Standards
29. Signing/Markers/Striping Details/Standards
30. Barricade/Construction/Beacon Standards
31. Miscellaneous Standards
 - a. Chain Link Fence Standards
 - b. Bridge End Detail/Standards
 - c. Roadway Clearance Details/Standards
 - e. Attenuator Standards

NOTE: Variations of these plan sheet sequence guidelines may be permitted if approved in writing by the County.

EXHIBIT “C”
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

APPENDIX B - PLAN PREPARATION PROCEDURES

1. Title Sheet
The ENGINEER shall be responsible for completing the title sheet as required and formatted by the STATE and as discussed in Part V of the Highway Design, Operations and Procedures Manual. Refer to Section K - Plans, 1 - Title Sheets, page 5-24, for the procedure to be used regarding all plans prepared by the ENGINEER.
2. Project Layout
The project layout shall clearly depict the entire project as it is proposed and will usually be drawn at a scale of 1 inch=100 feet or 1 inch=200 feet, depending on the size of the project.
3. Typical Sections
See Part IV of the Highway Design, Operations and Procedures Manual.
4. Sequence of Work Sheets (Traffic Control Plan)
Clarity and completeness should be the rule to follow in preparing these sheets, with particular attention given to location of construction signs and barricades, lane widths, protection of drop offs, etc. For a reference guide use the Texas Department of Transportation, Texas Manual on Uniform Traffic Control Devices. Usual scale of 1 inch=100 feet and/or 1 inch=50 feet for special locations. A narrative sequence shall be included in the special provisions for the project. Staging of structural elements shall be considered. Provisions for drainage shall be considered, included and indicated during all stages of construction operations.
5. Removal Item Sheets
These sheets indicate removal of existing facilities necessary to the proposed construction. (1 inch=40 feet) (use same scale as plan/profile sheets).
6. Summary Sheets
Summary Sheets are required to indicate type, quantity and/or location of work for individual items of the proposed project.
7. Alignment Layout Sheets
These sheets indicate the horizontal alignment with curve data and coordinates usually tabulated thereon. On some projects, depending on size, this information may be included on the plan profile sheets. Usual scale (1 inch=100 feet) or (1 inch=40 feet).
8. Plan Profile Sheet
Clarity and completeness should be the rule to follow in preparation of these sheets. Usual scale (1 inch=40 feet or 1 inch=50 feet) or (1 inch=20 feet), depending on project complexity.
9. Drainage Area Maps
Usual scale (1 inch=100 feet) and/or (1 inch=200 feet) supplemented by large scale area maps as necessary.
10. Drainage Plan Profile Sheets
These sheets may be required on some projects to clearly depict location of inlets, storm sewer lines, and profile of storm sewer lines and laterals. Usual scale (1 inch=40 feet or 1 inch=50 feet) or (1 inch=20 feet). Storm sewer design does include redesign of storm sewers imposed by utility constraints developing after initial reviews by the STATE and consequential redesign and adjustments.
11. Runoff, Inlet, Storm Sewer and Culvert Sheets
Use standard sheets.

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

APPENDIX B - PLAN PREPARATION PROCEDURES (Continued)

12. Culvert Cross Sections and Details
District standard reproducible sheets can be furnished (one each) to the ENGINEER for modification of special designs.
13. Manhole and Inlet Details
District standard reproducible sheets can be furnished (one each) to the ENGINEER.
14. Miscellaneous Detail
Curb, Sidewalk, Driveways, etc.
15. Intersection Details
16. Marking Layouts and/or Details
Layouts of the entire project with markings depicted thereon. Usual scale 1:500 (1 inch=40 feet or 1 inch=50 feet). On some projects typical details might suffice.
17. Structural Details
Bridge layout sheets shall have the same horizontal and vertical scale. Usually (1 inch = 10 feet) (1 inch = 20 feet). Sections of existing and proposed structures usually have a scale of (1 inch = 5 feet). Elements of the bridge (abutments, bents, slabs, etc.) shall be detailed to a (1/2 inch = 1 foot) or (1/4 inch equals 1 foot) architect scale to provide clear legible drawings when reduced. Letters shall be a minimum size of 4 millimeters (5/32 inch) height for hand lettering and 140 for lettering by computer-aided design and drafting (CADD).
18. Overhead Sign Bridge Layouts
A maximum of four structures may be shown on each layout sheet. The reference to the appropriate overhead sign bridge (OSB) standard and the following requirements shall be shown on the layout:
 - (1) Drilled shaft size and length
 - (2) Soil strength used for design {indicate basis and boring(s) used}
 - (3) Design height
 - (4) Tower height
 - (5) Leg spacings and
 - (6) Design wind speed.

The wind speed design map need not be included in the project plans. Designation of tower member size and anchor bolt size shall not be shown. For OSBs which require special design, the design shall be in accordance with the AASHTO sign specifications (see Item 22 of References on page 49) and to the same loading requirements as for normal standard structures. Structures (special or standard) which will have changeable message signs shall be analyzed by the ENGINEER.

EXHIBIT “C”
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

APPENDIX C - GENERAL PLAN CHECKLIST

Services
 Provided By:
ENGINEER CITY/COUNTY

- | | | |
|-----|-----|---|
| ___ | ___ | Title Sheet |
| ___ | ___ | Project Layout |
| ___ | ___ | Sequence of Work |
| ___ | ___ | Detour Layouts & Profiles |
| ___ | ___ | Construction Pavement Markings |
| ___ | ___ | Signing & Barricades |
| ___ | ___ | Construction Sign & Beacons |
| ___ | ___ | Typical Sections |
| ___ | ___ | Shaping & Finishing Sections |
| ___ | ___ | Slopes Adjacent to Shoulders |
| ___ | ___ | Estimate & Quantities |
| ___ | ___ | General Notes & Specification Data |
| ___ | ___ | Grading Summary |
| ___ | ___ | Miscellaneous Summaries (See following “SUMMARIES” heading) |
| ___ | ___ | Horizontal Curve Data & Alignment Layouts |
| ___ | ___ | Drainage Summaries |
| ___ | ___ | Structure Summaries |
| ___ | ___ | Erosion Control Summary & Details |
| ___ | ___ | Plan/Profile Sheets |
| ___ | ___ | Erosion Control Summary & Details |
| ___ | ___ | Pavement Contours |
| ___ | ___ | Superelevation Transition (If Required) |
| ___ | ___ | Grading Contours |
| ___ | ___ | Guard Fence Layouts |
| ___ | ___ | Storm Water Pollution Prevention Plans (SW3P) |
| ___ | ___ | Drainage Area Maps |
| ___ | ___ | Hydraulic Data |
| ___ | ___ | Drainage Sheets |
| ___ | ___ | Bridge Hydrology Sheets |
| ___ | ___ | Inlet & Manhole Details |
| ___ | ___ | Utility Support Details |
| ___ | ___ | Culvert Cross Sections & Details |
| ___ | ___ | Special Culvert Designs |
| ___ | ___ | Special Drainage Details |
| ___ | ___ | Chain Link Fence Locations |
| ___ | ___ | Ramp Details Sheet |
| ___ | ___ | Removal Item Sheet - Including detours
(Shown in detour summary, No payment for removal; subsidiary to construction detours) |
| ___ | ___ | Pavement Details |
| ___ | ___ | Pavement Standard Modification for Concrete Shoulder |
| ___ | ___ | Concrete Pavement Continuously Reinforced (CPCR) |
| ___ | ___ | Concrete Pavement Contraction Design (CPCD) |
| ___ | ___ | Concrete Pavement Details - Jointed Reinforced (Steel Bars) (CPJR) |
| ___ | ___ | Bridge Approach Slab Details |
| ___ | ___ | Vehicle Attenuator Details |
| ___ | ___ | Miscellaneous Details |
| ___ | ___ | Wheelchair Ramps |
| ___ | ___ | Pavement Marking Details |
| ___ | ___ | Modified Standards |
| ___ | ___ | List of Standards |
| ___ | ___ | Permanent Signing Plans & Quantities |

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

APPENDIX C - GENERAL PLAN CHECKLIST *(continued)*

Services
Provided By:
ENGINEER CITY/COUNTY

___	___	Permanent Lighting Plans, Quantities & Standards
___	___	Bridge Layout(s)
___	___	Bridge Details
___	___	Retaining Wall Layout(s)
___	___	Retaining Wall Details
___	___	Pumphouse Details
___	___	Underdrain Details (Retaining Walls)
___	___	Culvert Standards
___	___	Soil Profile
___	___	Temporary Traffic Signals
___	___	Design Cross Sections
___	___	Estimate
___	___	List of Standard Specification, Special Provisions & Special Specifications
___	___	Detour Special Provisions (If Required)
___	___	Construction Time Estimate
___	___	Critical Path Method (CPM)
___	___	Unit Price Documentation

Miscellaneous

___	___	Conduit Requirements
___	___	Traffic signal Requirements

Summaries

(ALL BELOW YES FOR ENGINEER AND NO FOR COUNTY UNLESS NOTED OTHERWISE)

___	___	Salvaging and Placing Topsoil
___	___	Prepare ROW
___	___	Remove Old Structures
___	___	Scarify Existing Pavement
___	___	Remove Old Concrete Curb of Curb and Gutter (C&G)
___	___	Remove Old Concrete Pavement
___	___	Remove Old Concrete Riprap
___	___	Remove Metal Beam Guard Fence
___	___	Galvanized steel Beam Guard Fence (12Ga) (GSBGF)
___	___	Temporary Guard Fence (TEMPGF)
___	___	Summary of Concrete Flumes
___	___	Curbs
___	___	Adjust Manholes & Inlets
___	___	Underdrains
___	___	Base and Pavement
___	___	Large Structure
___	___	Concrete Riprap (RR8 & RR9)
___	___	Temporary Portable Concrete Barrier (PCBR)
___	___	Concrete Traffic Barrier
___	___	Vehicle Attenuator
___	___	Guard Rail Energy Absorbing Terminal (Great System)
___	___	Pavement Markings & Blast Cleaning (Thermoplastic)
___	___	Retaining Walls
___	___	Large Structure Summaries
___	___	Small Structure Summaries

EXHIBIT "C"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

APPENDIX C - GENERAL PLAN CHECKLIST *(continued)*

Services
 Provided By:
ENGINEER CITY/COUNTY

Summaries (ALL BELOW YES FOR ENGINEER AND NO FOR COUNTY UNLESS NOTED OTHERWISE)

- | | | |
|-------------|-------------|---|
| <u> </u> | <u> </u> | Earthwork (Roadway & Channel) & Channel Details |
| <u> </u> | <u> </u> | Culverts |
| <u> </u> | <u> </u> | Detours |
| <u> </u> | <u> </u> | Seeding or Mulch Sod - Quantity Only |
| <u> </u> | <u> </u> | Inlet & Manholes |
| <u> </u> | <u> </u> | Sidewalks |
| <u> </u> | <u> </u> | Construction Pavement Markings |
| <u> </u> | <u> </u> | Driveways |
| <u> </u> | <u> </u> | Concrete Median |
| <u> </u> | <u> </u> | Storm Sewers |
| <u> </u> | <u> </u> | Head Walls & Safety End Treatments |
| <u> </u> | <u> </u> | Curb Openings |
| <u> </u> | <u> </u> | Manholes |
| <u> </u> | <u> </u> | Chain Link Fence, Remove & Replace Chain Link Fence |
| <u> </u> | <u> </u> | Remove & Relay Reinforced Concrete Pipe (RCP) or Pipe Sewer |

EXHIBIT "D"

CONTRACT RATES



Audited Overhead Rate FY 2020

Labor/Staff Classification	Hourly Base Rate	Contract Rate FY 21
Senior Project Manager	\$ 83.00	\$ 270.58
Right-of-Way Administrator	\$ 68.00	\$ 221.68
Engineer - Senior Engineer	\$ 65.00	\$ 211.90
Geotechnical Engineer	\$ 62.00	\$ 202.12
Senior Environmental Scientist / Specialist	\$ 59.00	\$ 192.34
Engineer - Project Engineer	\$ 56.00	\$ 182.56
Right-of-Way Negotiator	\$ 43.00	\$ 140.18
Senior Engineer Tech	\$ 40.00	\$ 130.40
Engineering Lab Manager	\$ 40.00	\$ 130.40
Utility Coordinator	\$ 38.00	\$ 123.88
Senior Project Inspector	\$ 38.00	\$ 123.88
Record Keeper	\$ 33.00	\$ 107.58
Project Inspector	\$ 30.00	\$ 97.80
Environmental Planner/Specialist	\$ 29.00	\$ 94.54
Engineering Tech / GIS	\$ 27.00	\$ 88.02
Admin/Clerical	\$ 22.00	\$ 71.72
Soil & Aggregate Technician	\$ 22.00	\$ 71.72
Concrete Technician	\$ 22.00	\$ 71.72
Asphalt Technician	\$ 22.00	\$ 71.72
Negotiated Overhead Rate: 190.99%		Contract Rates include labor, overhead and profit. All rates are negotiated rates and are not subject to change or adjustment.
Negotiated Profit Rate: 12.00%		
Multiplier: 3.26		
Other Direct Expenses:		Cost:
Lodging		\$96/night
Meals		\$55/day
Mileage		\$0.56/mile
Car Rental		\$75.00/day
8 1/2" X 11" copies (B&W)		\$.50/ea
11" X 17" copies (B&W)		\$.75/ea
11" X 17" Mylar		\$2.00/ea
Overnight Mail - Letter Size		\$15.00/Each
Overnight Mail - Oversized Box		\$38.00/Each
Air Travel		At Cost

CONTRACT RATES

GEOTECHNICAL & CONSTRUCTION MATERIALS TESTING SERVICES

Direct Expenses

Geotechnical Field Services

Mobilization (Drill Rig and Crew)	2021 \$468.56/Day
Stand-By Time	\$206.01/Hr
Texas Cone Penetration Test (Tex-132)	\$5.89/Ea.
Soil Boring / Solid Stem	\$32.97/Lf
Soil Boring / Hollow Stem	\$32.97/Lf
Soil Boring / Mud Rotary	\$32.97/Lf
Support Truck	\$1.75/Mi.
Piezometer / Monitoring Well	By Quote

Soil Testing

Moisture Content Determination - ASTM D2216/Tex-103-E	2021 \$11.20/Ea.
Determination of Liquid Limit of Soils - Tex-104-E	\$56.38/Ea.
Determination of Plastic Limit of Soils - Tex-105-E	\$56.62/Ea.
Atterberg Limits of Soils - ASTM D 4318/Tex-106-E	\$84.51/Ea.
Bar Linear Shrinkage of Soils - Tex-107-E	\$70.51/Ea.
Particle Size Analysis of Soils (Gradation) - ASTM D 422/Tex-110-E	\$101.59/Ea.
Material Finer #200 Sieve - ASTM D 1140/Tex-111-E	\$70.51/Ea.
Lime Series Testing (PI Relation) - Tex-112-E	\$507.07/Ea.
Lime Series Testing (pH Relation) - Tex-121-E (Part III)	\$549.97/Ea.
Moisture-Density Relationship (TxDOT) - Tex-113-E /Tex-114-E	\$225.54/Ea.
Standard Proctor - ASTM D 698	\$218.35/Ea.
Standard Proctor Soil-Cement - ASTM D 558	\$257.50/Ea.
Modified Proctor - ASTM D 1557	\$225.45/Ea.
Field Density Test (Nuclear) - ASTM D 6938/Tex-115-E	\$25.37/Ea.
Compressive Strength Soil-Cement Cyl. – ASTM D 1633 (Method A)	\$87.55/Ea.
Determination of Soil pH - Tex-128-E	\$91.66/Ea.
Soil-Lime Testing - Tex-121-E (Part I)	\$169.15/Ea.
Resistivity of Soils - Tex-129-E	\$102.54/Ea.
Sulfate Content of Soils - Tex-145-E	\$91.66/Ea.
Texas Wet Ball Mill (Material Quality) - Tex-116-E	\$246.72/Ea.
Triaxial Compression (Dist. Soil & Base) - Tex-117-E	\$371.32/Ea.
Unconfined Compression-Soil - ASTM D 2166	\$52.99/Ea.
Uniaxial Compression-Rock - ASTM D 7012	\$56.52/Ea.
Consolidation Test - ASTM D 2435	\$553.27/Ea.
Organic Content – ASTM D 2974 (Method C)	\$87.55/Ea.
Dispersive Characteristics of Soil (Double Hydrometer) – ASTM D4221	\$154.50/Ea.
Dispersive Characteristics of Soil (Crumb Test) – ASTM D6572	\$56.55/Ea.
Classification Of Dispersive Clay (Pinhole Test) – ASTM D4647	\$154.50/Ea.

Coarse & Fine Aggregate Quality Testing

Sieve Analysis (Dry)(4 Sieves) - ASTM C 136/Tex-200-F	2021 \$63.37/Ea.
Sieve Analysis (Washed)(4 Sieve) - ASTM C 136/Tex-200-F	\$76.67/Ea.
Sieve Analysis (Conc. Aggregate)(5 Sieve) - Tex-401-A	\$90.18/Ea.
Sieve Analysis (Additional Sieves) - All Methods	\$14.12/Ea.
Deleterious Material (Coarse Aggr.) - Tex-217-F (Part I)	\$49.34/Ea.
Deleterious Material (Concrete Aggr.) - Tex-413-A	\$49.34/Ea.
Decantation (Coarse Aggr.) - Tex-217-F (Part II)	\$49.34/Ea.
Decantation Test (Fine Aggr. - Conc.) - ASTM C 117/Tex-406-A	\$49.34/Ea.
Specific Gravity/Absorp. (Conc. Aggr) - ASTM C127/Tex-403-A	\$77.44/Ea.
L.A. Abrasion - ASTM C131/ Tex-410-A	\$598.93/Ea.
Soundness (5 Cycle Magnesium Sulfate) - ASTM C 88/Tex-411-A	\$598.93/Ea.
SSD Unit Weight of Aggregates - ASTM C29/Tex-404-A	\$70.51/Ea.
Percent Voids/Solids in Conc. Aggr. - Tex-405-A	\$14.06/Ea.

CONTRACT RATES

*(In Conjunction w/ SSD Unit Wt of Aggregates)	
Sand Equivalent - ASTM D 2419/Tex-203-F	\$77.44/Ea.
Specific Gravity / Absorption (Fine Aggr.) - ASTM C 128/Tex -403-A	\$84.52/Ea.
Organic Impurities in Fine Aggregate -ASTM C 87/Tex -408-A	\$49.34/Ea.
Fineness Modulus of Fine Aggregate - Tex-402-A	\$16.92/Ea.
Flat & Elongated Particles (Coarse Aggr.) - Tex-280-F	\$63.65/Ea.
Coarse Aggr. Crushed Face (Coarse Aggr.) - Tex-460-A (Part I)	\$84.87/Ea.
Acid Insoluble of Fine Aggregate - Tex-612-J	\$91.66/Ea.
<u>Pavement Testing (Mix & Roadway) / Asphalt Quality</u>	<u>2021</u>
Sieve Analysis (Paving Mix Gradation) - Tex-236-F/Tex-200-F	\$95.48/Ea.
Asphalt Content - Tex-236-F	\$95.48/Ea.
Voids in Mineral Aggr. (VMA) - Tex-207-F	\$116.70/Ea.
Boil Test (Effect of Water on Paving Mix) - Tex-530-C/Tex-531-C	\$91.66/Ea.
Indirect Tensile Strength Test - Tex-226-F	\$636.54/Ea.
Moisture Content (Paving Mix) - Tex-212-F (Part II)	\$15.91/Ea.
Lab Molded Density - Tex-207-F	\$84.87/Ea.
Hamburg Wheel Tracker - Tex-242-F	\$954.81/Ea.
Field Coring – ACP Thickness - ASTM D 3549	\$70.51/Ea.
Pavement Thickness Det. (Full Depth) - ASTM D 3549	\$93.83/Ea.
Density of Cores (4 or 6 inch) (Set of 2) - Tex-207-F	\$77.49/Ea.
In-Place Air Voids - Tex-207-F	\$26.52/Ea.
Maximum Theoretical SPG (Rice Gravity) - Tex-227-F	\$95.48/Ea.
Extraction/Sieve Analysis/Asphalt Content - Tex-210-F/Tex-200-F	\$246.63/Ea.
Asphalt Rolling Pattern (Nuclear Method) - Tex-207-F (Part IV)	\$42.29/Ea.
Segregation Profile - Tex-207-F (Part V)	\$318.27/Ea.
Joint Density - Tex-207-F (Part VII)	\$318.27/Ea.
Tack Coat Adhesion - Tex-243-F	\$106.09/Ea.
Thermal Profile - Tex-244-F	\$185.66/Ea.
Ride Quality - Tex-1001-S	By Quote
<u>Pavement Investigation (All Inclusive – QA Verification Field Sample) ~</u>	
Includes Core Exist. Asphalt for Thick. Perform Caliche Base Thick., Sieve Analysis & P.I., Stabilized Subgrade Thickness & P.I	\$528.41/Ea.
<u>Concrete/Masonry Field & Laboratory Testing</u>	<u>2021</u>
Temperature Test (Fresh Mix Conc.) – ASTM C 1064/Tex-422-A	No Charge
Slump Test - ASTM C 143/Tex-415-A	No Charge
Air Content (Pressure Method) - ASTM C 231/Tex-416-A	\$25.32/Ea.
Air Content (Volumetric) - ASTM C 173	\$28.18/Ea.
Casting of Concrete Cylinders - ASTM C 31/Tex-447-A	No Charge
Cylindrical Specimen Prep./Hold/Cure - ASTM C 192/ Tex-447-A	\$12.73/Ea.
Compressive Strength of Cyl. Specimen - ASTM C 39/Tex-418-A	\$16.89/Ea.
Casting of Grout Prisms - ASTM C 1019	No Charge
Grout Prism Prep./Cure/Comp. Strength - ASTM C 39	\$35.26/Ea.
Casting of Mortar Cubes - ASTM C 780	No Charge
Mortar Cube Prep./Cure/Comp. Strength - ASTM C 109	\$34.45/Ea.
Masonry Unit Prep. /Comp. Str. (Set of 3) - ASTM C 140	\$246.56/Ea.
Masonry Unit SPG/Abs./Unit Wt. (Set of 3) - ASTM C 140	\$246.56/Ea.
*(In Conjunction w/ Field Inspection)	
<u>Miscellaneous Testing</u>	<u>2021</u>
Drilled Shaft Slurry Density - Tex-130-E (Part II)	\$26.52/Ea.
Drilled Shaft Slurry Sand Content - Tex-130-E (Part III)	\$21.22/Ea.
Drilled Shaft Slurry Viscosity - Tex-130-E (Part IV)	\$26.53/Ea.
<u>Engineering Review, Evaluation, Management & Administration</u>	<u>2021</u>
Test Report	\$25.03/Ea.

CONTRACT RATES

The specific hourly rate within each classification listed under Labor/Staff Classification depends on the experience, training, and qualifications of the personnel. A two (2) hour minimum billing at the applicable rate will be assessed per visit to project site.

Services provided on Saturday, Sunday and all work in excess of “normal” work hours will be invoiced at an overtime rate 1.5 times the applicable rate for the work performed. The cost of services is based upon the assumption that services will be provided during “normal” working hours. Normal working hours are between 7:00 a.m. and 6:00 p.m., Monday through Friday.

All other project specific, third-party costs will be charged at cost plus 10 percent.

Per Diems for 2021

IRS issues standard mileage rates for 2021

\$0.56 / mile- Personal Owned Vehicle (POV)

Lodging:

\$96.00 / night

Meals & Incidentals:

\$55.00 / day

These per diem rates are set by the GSA and are used by Federal and local governments as well as many private-sector companies to reimburse employees for business travel expenses incurred within, Texas

Generally, you will be entitled to one Lodging per-diem of up to **\$96.00** to cover your actual hotel costs and one Meals & Incidentals per-diem payment of **\$55.00** to cover food and incidentals like parking costs for each full day of travel 75% of the normal M&IE per diem rates are generally issued for your first and last days of travel.

EXHIBIT “E”
HIDALGO COUNTY
Professional Engineering Services
Agreement # C-21-0697-09-28

WORK AUTHORIZATION NO. _____

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of the **Professional Engineering Services Agreement No. C-21-0697-09-28** incorporated herein by reference, for the “Mile 1 East Project (Business 83 N to Mile 8)” by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner’s Court**, hereinafter called the “**Owner**,” and L&G Consulting Engineers, hereinafter called “**Engineer**”.

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the Engineer to provide

The **Engineer** is to provide the scope of Services as required by the Agreement with Owner.

The scope of services to be provided by the **Engineer** is identified in **Attachment “A” – “EXHIBIT “C” – Project Specific Scope of Services to be provided by Engineer”** attached hereto and incorporated by reference.

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is \$_____. This amount is based upon the costs outlined in the **Attachment “B” – “EXHIBIT “D” – Contract Rates”** attached hereto and incorporated by reference.

PART 3. PAYMENT

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the **Professional Engineering Services Agreement No. C-21-0697-09-28** between the **Owner** and the **Engineer**.

PART 4. FUNDING

This Work Authorization No. _____ shall be funded through funding source:

Account No. _____

Requisition Number _____ **(MUST BE INCLUDED AFTER CC APPROVAL)**

PART 5. PERIOD OF SERVICE

This Work Authorization shall become effective on the date of final acceptance of the parties hereto, and terminate **upon completion of the scopes of the Work Authorization, within the limits of Agreement No. C-21-0697-09-28 provided in this Work Authorization; or on (**
DATE**)**. *If applicable:* Engineer shall conform to the approved “Work/Project Schedule”, attached hereto and incorporated by reference herein as **Attachment “C”**.

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties’ responsibilities and obligations provided under the **Agreement No. C-21-0697-09-28**

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and confirmation by Hidalgo County Precinct No. 1 Commissioner David L. Fuentes, as to content and detail of this Work Authorization No. _____.

**HIDALGO COUNTY
COMMISSIONER PRECINCT No. 1:**

BY: _____

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners’ Court on _____ (DATE) as indicated below and effective as of _____ day of _____, 20__.

THE ENGINEER:
L&G CONSULTING ENGINEERS,

THE OWNER:
HIDALGO COUNTY

By: Jacinto Garza

By: Richard F. Cortez, County Judge

ATTEST:

By: Arturo Guajardo Jr., County Clerk

LIST OF ATTACHMENTS:

Attachment “A” – EXHIBIT “C” – Project Specific Scope of Services to be provided by Engineer

Attachment “B” – EXHIBIT “D” – Contract Rates

Attachment “C” – Approved Work/Project Schedule

IN WITNESS WHEREOF, the Engineer and the Owner have caused this Supplemental Agreement to the Agreement for Professional Services to be executed as of the _____ day of MONTH, 2021.

**THE ENGINEER:
L&G CONSULTING ENGINEERS,**

BY: _____

Address for Giving Notices:

**THE OWNER:
HIDALGO COUNTY**

BY: _____
Richard F. Cortez, County Judge

LIST OF ATTACHMENTS
(as required)

SAMPLE