

February 19, 2025

The Honorable Ellie Torres
Commissioner, Hidalgo County Pct. No. 4
Attn: Ms. Velinda Reyes, RPIC
1051 N. Doolittle Road
Edinburg, Texas 78539

**RE: FM 1925 Project (Limits: from 1,500 ft West of 10th Street to McColl Road)
Supplemental No. 1 to Work Authorization No. 3 - Contract No. C-15-110-03-31**

Dear Commissioner Torres:

As discussed, L&G Engineering respectfully requests your approval of Supplemental No. 1 to Work Authorization (WA) No. 3 for the FM 1925 project (from 1,500 ft West of 10th Street to McColl Road).

Supplemental No. 1 to Work Authorization No. 3 is in the amount of **\$65,927.43** in order to include Value Engineering, PS&E resubmittal, and project management for the **FM 1925 project from 1,500 ft West of 10th Street to McColl Road**. The following is the funding breakdown for L&G Engineering and our Sub-Consultant's proposed fees associated with this Work Authorization.

- L&G Engineering (*PRIME*)\$ 65,927.43

Attached find the following:

Two signed originals of Supplemental No. 1 to Work Authorization No. 3

- Exhibit A "Services to be provided by the County"
- Exhibit B "Services to be provided by the Engineer"
- Exhibit C "Work Schedule"
- Exhibit D-1 "Estimated Man-hour Breakdown"

Should you have any questions regarding this submittal, do not hesitate to call Jordan Sinclair, P.E. at (956) 585-1909.

Sincerely,
L&G Engineering

Jordan Sinclair, P.E.
Project Manager

Attachments

EXHIBIT “F”
Supplemental Agreement Form

THE STATE OF TEXAS §
 §
COUNTY OF HIDALGO §

**SUPPLEMENTAL AGREEMENT NO. 1
TO WORK AUTHORIZATION NO. 3
TO AGREEMENT FOR PROFESSIONAL SERVICES
C-15-110-03-31**

This **SUPPLEMENTAL AGREEMENT** is made pursuant to the terms and conditions of Article 8 of the Agreement made by and between **HIDALGO COUNTY**, hereinafter called the “**Owner**”, and **L&G ENGINEERING**, professional engineers of Mercedes, Texas, hereinafter called the “**Engineer**”.

WITNESSETH

WHEREAS, the **Owner** and the **Engineer** executed the Main Contract Agreement on the 31st day of March 2015, concerning professional engineering services for the **FM 1925 Project (from 1,500 ft West of 10th Street to McColl Road)** Project hereinafter referred to as the “**Project**”; and,

WHEREAS, it has become necessary to amend “*Exhibit B, Scope of Services to be provided by the Engineer*” of Work Authorization No. 3 in order to include Value Engineering for the **Project**..:

WHEREAS, it has become necessary to amend “*Exhibit D-1 – Estimated Man-hour Breakdown of Work Authorization No. 3* to reflect the fee for the Value Engineering, PS&E revision, and project management. This Supplemental will increase the original amount of Work Authorization No. 3 from **\$228,900.00** to **\$294,827.43**. *Therefore, the amount of this Supplemental No. 1 is \$65,927.43*.

A. AGREEMENT

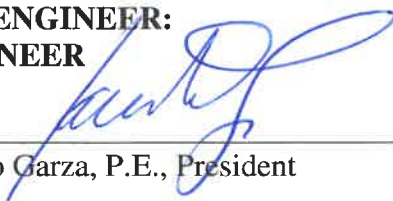
NOW THEREFORE, premises considered, the **Owner** and the **Engineer** agree that said **Agreement** is amended as follows:

- I. Sections of the Agreement, **EXHIBIT “B” – SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER, EXHIBIT “C” – WORK SCHEDULE and EXHIBIT “D-1” – ESTIMATED MAN-HOUR BREAKDOWN**, are revised to reflect the above listed modifications of this Supplemental.

All other provisions are unchanged and remain in full force and effect.

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 _____, 2025.

**THE ENGINEER:
ENGINEER**

BY:  _____
Jacinto Garza, P.E., President

**THE OWNER:
HIDALGO COUNTY**

BY: _____
Richard Cortez, County Judge

LIST OF EXHIBITS:

- EXHIBIT A – Services to be provided by the County
- EXHIBIT B – Services to be provided by the Engineer
- EXHIBIT C – Work Schedule
- EXHIBIT D-1 – Estimated Man-Hour Breakdown

EXHIBIT "A"
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 "B"
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: 0921

PROJECT/DESCRIPTION: Value Engineering, PS&E

LENGTH: 1.28

HIGHWAY: FM 1925

LIMITS: From 1500' West of 10th St to McColl Rd

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.

LPA shall mean Local Public Agency Hidalgo County.

SURVEYOR shall mean N/A.

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

SECTION 3 - ROUTE AND DESIGN STUDIES

(Function Code 110)

Services
Provided By:
ENGINEER LPA

- | | | |
|------------|-----------|--|
| <u>NO</u> | <u>NO</u> | 1. Route Location Studies |
| <u>NO</u> | <u>NO</u> | 2. Level of Service Analysis |
| <u>NO</u> | <u>NO</u> | 3. Traffic Evaluations and Projections |
| <u>NO</u> | <u>NO</u> | 4. Develop Roadway Design Criteria |
| <u>NO</u> | <u>NO</u> | 5. Preliminary Cost Estimates |
| <u>NO</u> | <u>NO</u> | 6. Design Schematic
(See Section 7, page 7-1 for schematic layout requirements) |
| <u>NO</u> | <u>NO</u> | 7. Preliminary Right-of-Way Requirements |
| <u>NO</u> | <u>NO</u> | 8. Design Concept Conference |
| <u>NO</u> | <u>NO</u> | 9. Soil Core Hole Drilling |
| <u>NO</u> | <u>NO</u> | a. Pavement (See Section 7, pages 7-2 thru 7-3 for requirements) |
| <u>NO</u> | <u>NO</u> | b. Retaining Walls (See Section 10, page 10-1 for requirements) |
| <u>NO</u> | <u>NO</u> | c. Miscellaneous Structures (See Section 10, page 10-3 for requirements) |
| <u>NO</u> | <u>NO</u> | d. Bridges (See Section 11, page 11-2 thru 11-3 for requirements) |
| <u>YES</u> | <u>NO</u> | 10. Value Engineering |

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

Document and Information Exchange

Data, Plan Sheets, General Notes and/or Specifications provided to the LPA 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 LPA.

If required, the ENGINEER shall provide to the LPA, a CD that contains all the plan sheets for the project. The graphics tape shall be compatible with the LPA'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>
PS&E	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 "B"
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 "B"
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 LPA.

EXHIBIT "B"

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 "B"
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 "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

APPENDIX C - GENERAL PLAN CHECKLIST

Services
 Provided By:
ENGINEER LPA

___	___	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 "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

APPENDIX C - GENERAL PLAN CHECKLIST (continued)

Services
 Provided By:
ENGINEER LPA

- | | | |
|-----|-----|---|
| ___ | ___ | 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 LPA 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 "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

APPENDIX C - GENERAL PLAN CHECKLIST (*continued*)

Services
Provided By:
ENGINEER LPA

Summaries	(ALL BELOW YES FOR ENGINEER AND NO FOR LPA UNLESS NOTED OTHERWISE)	
___	___	Earthwork (Roadway & Channel) & Channel Details
___	___	Culverts
___	___	Detours
___	___	Seeding or Mulch Sod - Quantity Only
___	___	Inlet & Manholes
___	___	Sidewalks
___	___	Construction Pavement Markings
___	___	Driveways
___	___	Concrete Median
___	___	Storm Sewers
___	___	Head Walls & Safety End Treatments
___	___	Curb Openings
___	___	Manholes
___	___	Chain Link Fence, Remove & Replace Chain Link Fence
___	___	Remove & Relay Reinforced Concrete Pipe (RCP) or Pipe Sewer

EXHIBIT "C"

PROJECT DEVELOPMENT SCHEDULE

CSJ: 1803-01-092
 FM 1925 (Monte Cristo Rd)
 From 10th St to McColl Rd
 Length = 1.2 Miles

TASK AND DESCRIPTION	FIRM	2023	2024	2025												2026											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Advanced Funding Agreement																											
TxDOT Executes AFA (Feb 27, 2015)	COMPL																										
Value Engineering																											
Value Engineering (Meetings & Workshop Presentation)	L&G																										
PS&E																											
95% PS&E Completion	L&G	Feb-23																									
DCC (Median Openings)	TxDOT	Nov-23																									
95% PS&E 1st Resubmittal (without Mon Mack Realign)	L&G		Feb-24																								
Drainage redesign to incorporate 094 project discharge (By TxDOT)	TxDOT																										
95% PS&E 2nd Resubmittal (incorporating new drainage design by TxDOT)	L&G																										
TxDOT Review of 95% Plans	TxDOT																										
100% PS&E Completion	L&G																										
Construction																											
Let Project (Est. FY 2026)	TxDOT																										

Updated by Jordan Sinclair, P.E. (2025-02-19)

L&G FUNCTION
 TxDOT FUNCTION

EXHIBIT D-1

ESTIMATED PROJECT FEE SCHEDULE AND MAN-HOUR BREAKDOWN

FM 1925 PROJECT
From 10th Street to McColl Road

		MANHOURS										
		Senior Project Manager	Senior Engineer	Senior Environmental Scientist /Specialist	Project Engineer	Environmental Scientist /Specialist	Senior Engineer Tech	CADD Operator / GISAnalyst	Admin / Clerical	TOTAL HOURS	Sub-Contract Amounts / ROW COST	* ROUNDED TOTAL LINE ITEM COST
CONTRACT RATE		218.04	180.66	152.63	133.94	152.63	93.45	68.53	62.3			
WORK AUTHORIZATION NO. 3												
PHASE I - Complete ROW, Hydrologic & Hydraulic Report, Environmental Re-Evaluation												
Function Code	Description of Work											
120	Environmental Re-Evaluation	28		137		93			31	290		\$ 43,200.44
161	Hydrologic & Hydraulic Reprt	43	205		256		131		30	666	\$ 47,500.40	\$ 95,000.21
130	Update ROW Map	3	4		6		10		9	32	\$ 3,500.00	\$ 3,700.08
164	Project Management	15	52		87		109		25	288		\$ 36,000.26
SUB-TOTAL		89	261	137	349	93	250	0	95	1275	\$ 51,000.40	\$ 177,901.00

Subtotal Manhour Fee with Sub-Consultant Costs: \$ 228,901.40

*** Total Project Fee: \$ 228,900.00**

*Rounded Figure

		MANHOURS										
		Senior Project Manager	Senior Engineer	Senior Environmental Scientist / Specialist	Project Engineer	Environmental Scientist /Specialist	Senior Engineering Technician	CADD Operator / GIS Analyst	Admin / Clerical	TOTAL HOURS	Sub-Contract Amounts / ROW COST	TOTAL LINE ITEM COST
CONTRACT RATE		218.04	180.66	152.63	133.94	152.63	93.45	68.53	62.30			
Supplemental #1 to WORK AUTHORIZATION NO. 3												
PHASE I - Value Engineering												
110	Value Engineering (Meetings & Workshop Presentation)	9		5	45		10	20	4	93		\$ 11,307.11
PHASE II - PS&E												
161	Incorporate TxDOT Drainage Design Into Plans and Revise & Resubmit 95% PS&E	8	24		64		60	60	4	220		\$ 24,620.32
164	Project Management	80			80				29.57	190		\$ * 30,000.00
SUB-TOTAL		97	24	5	189	0	70	80	37.57	503	\$ -	\$ 65,927.43

Total Manhours Fee: \$ 65,927.43

*** Total Project Fee: \$ 294,827.43**

*Rounded Figure