



**HIDALGO COUNTY
Professional Engineering Services
Agreement #C-15-097-03-17**

WORK AUTHORIZATION NO. 3

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Section I.A. of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner's Court**, hereinafter called the "**Owner**," and, **L&G Consulting Engineers, Inc.** d/b/a **L&G Engineering**, professional engineers of Mercedes Texas, hereinafter called "**Engineer**".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the "Engineer" to provide Engineering Services required for development of 2R Plan, Specifications & Estimates (PS&E) for the Stewart & Doffin Rd. Rehabilitation Project in Hidalgo County Precinct 2.

The scope of services to be provided by the **Owner** is identified in **EXHIBIT "A" – Scope of Services to be provided by the Owner** attached hereto.

The scope of services to be provided by the **Engineer** is identified in **EXHIBIT "B" – Scope of Services to be provided by the Engineer** attached hereto.

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is **\$9,955.28**. This amount is based upon the costs outlined in the Estimated **Cost Proposal** attached hereto as **EXHIBIT "D"**.

PART 3. PAYMENT

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with Article/Part/Section 4 of the Agreement.

PART 4. FUNDING

This Work Authorization No. 3 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 scopes of the work authorization.**

EXHIBIT A

-Scope of Services to be provided by the County

The following provides an outline of the services to be provided by the Owner in the development of Projects (as defined and more particularly identified in Exhibit "A" attached to this Agreement).

General:

The Owner will provide to the Engineer the following:

- 1) Provide the authorization to proceed with services through coordination with the project consulting and design Engineer.
- 2) Payment for work performed by the Engineer and accepted by the Owner in accordance with Article 3 of this Agreement.
- 3) Assistance to the Engineer, as necessary, to obtain the required data and information from other local, regional, State and Federal agencies the Engineer cannot easily obtain.
- 4) Provide any available relevant data the Owner may have on file concerning the projects.
- 5) Provide timely review and decisions in response to the Engineer's request for information and/or required submittals and deliverables, in order for the Engineer to maintain the agreed upon work schedule prepared in accordance with Exhibit "A" attached to this Agreement.
- 6) Attend and participate in progress meetings as required and as coordinated and conducted by Engineer.
- 7) Provide the authorization to proceed with services on project by project basis through consulting design and construction Engineer.

EXHIBIT "B"

Services to be Provided by the Engineer

PROJECT INFO:

- **Project Name:** Stewart & Doffin Rd. Rehabilitation Project
- **Project Limits:** Hidalgo County Precinct 2
Stewart Rd. – From Doffin Rd. to US 281 (Military Rd.) (0.43 Miles)
Doffin Rd. – From Cattle Process Facility to Stewart Rd. (0.40 Miles)

GENERAL SCOPE OF WORK:

The work to be performed by the **Engineer** under this Work Authorization shall consist of providing Engineering Services required for development of 2R Plan, Specifications & Estimates (PS&E) for the Stewart & Doffin Rd. Rehabilitation Project in Hidalgo County Precinct 2 hereinafter denoted as the **Project**.

The **Engineer** will furnish all equipment, materials, supplies, and incidentals as needed to perform the services required by this Work Authorization, except as otherwise specified in Exhibit A, "Services to be Provided by the **County**".

Specific activities to be performed by the **Engineer**, as generally outlined in the Contract, include the following:

SECTION 7 – ROADWAY DESIGN CONTROLS (Function Code 160)

Services

Provided By:

ENGINEER COUNTY

The Engineer shall provide Engineering Services for the development of 2R PS&E for the subject project including:

<u>YES</u>	<u>NO</u>	Title Sheet
<u>YES</u>	<u>NO</u>	Project Layout
<u>YES</u>	<u>NO</u>	Existing & Proposed Typical Sections
<u>YES</u>	<u>NO</u>	Seal Coat Selection Sheet

SECTION 10 – MISCELLANEOUS (ROADWAY)
(Function Code 163)

Services
Provided By:
ENGINEER COUNTY

The Engineer shall provide Engineering Services for the development of 2R PS&E – Miscellaneous Services for the subject project including:

- | | | |
|------------|-----------|--|
| <u>YES</u> | <u>NO</u> | Basis of Estimate |
| <u>YES</u> | <u>NO</u> | General Notes & Specifications |
| <u>YES</u> | <u>NO</u> | Traffic Control Plan (in accordance with TMUTCD) |
| <u>YES</u> | <u>NO</u> | Erosion Control |
| <u>YES</u> | <u>NO</u> | Meetings, Coordination & Support for Project Development |

SECTION 12 – CONSTRUCTION PHASE SERVICES
(Function Code 320)

Services
Provided By:
ENGINEER COUNTY

The Engineer shall provide Construction Phase Services for the subject project including:

- | | | |
|------------|-----------|--|
| <u>YES</u> | <u>NO</u> | Oversight, Negotiation & Management of Construction Phase Services |
| <u>YES</u> | <u>NO</u> | Construction Inspection (Secondary Field Verification Role) |

EXHIBIT D
FEE PROPOSAL
On-Call Services for "Road and Bridge, C.I.P. and Other Projects in General"
Stewart & Doffin Road Rehabilitation Project

	MANHOURS							L&G TOTAL HOURS
	Senior Project Manager	Senior Engineer	Project Engineer	Senior Engineering Technician	CADD Operator	Admin / Clerical		
Roadway Design Controls (FC 160)								
1 Title Sheet			2		4			6
2 Project Layout			2		4			6
3 Existing & Proposed Typical Sections			2		6			8
4 Seal Coat Selection Table	2		2		2			6
Miscellaneous (Roadway) (FC 163)								
1 Basis of Estimate	2		2		2			6
2 General Notes & Specifications	2		2		2			6
3 Traffic Control Plan (in accordance with TMUTCD)			2		8			10
4 Erosion Control			2		4			6
5 Meetings, Coordination & Support for Project Development	2		4		4			10
Construction Phase Services (FC 320)								
1 Oversight, Negotiation & Management of Construction Phase Services	4		4		4			12
2 Construction Inspection (Secondary Field Verification Role)			4		8			12
Subtotal Hours	12	0	28	12	36	0	88	
Hourly Base Rate	\$ 70.00	\$ 58.00	\$ 43.00	\$ 30.00	\$ 22.00	\$ 20.00		
FY 15 Contract Hourly Rate w/ OH Mult. (178.12%) & Fixed Fee (12.00%)	\$ 218.04	\$ 180.66	\$ 133.94	\$ 93.45	\$ 68.53	\$ 62.30		
Total Labor Costs	\$ 2,616.48	\$ -	\$ 3,750.32	\$ 1,121.40	\$ 2,467.08	\$ -	\$ 9,955.28	

Grand Total \$ 9,955.28

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties' responsibilities and obligations provided under the **Agreement**.

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and Confirmation by Hidalgo County Precinct No.2, Commissioner, Eduardo Cantu, as to content and detail of this **Work Authorization No. 3**.

**HIDALGO COUNTY
COMMISSIONER PRECINCT No. 2:**

BY: Eduardo Cantu

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on _____ (cc approval date) as indicated below and effective as of _____ day of _____, 2015.

**THE ENGINEER:
L&G ENGINEERING**

Jacinto Garza
By: Jacinto Garza, P.E.

**THE OWNER:
HIDALGO COUNTY**

Ramon Garcia
By: Ramon Garcia, County Judge

ATTEST:

Arturo Guajardo Jr.
By: Arturo Guajardo Jr., County Clerk

APPROVED BY
COMMISSIONERS' COURT
ON: 12/27/15