

HIDALGO COUNTY
Professional Engineering Services
Contract # C-15-384-12-08
Work Authorization Form

WORK AUTHORIZATION NO. 1

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, **DOS LOGISTICS, INC.**, professional engineers of **Weslaco, Texas**, hereinafter called "**Engineer**".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the **Engineer** to provide the proposed Brushline Road Improvemens for approximately 3.65 miles from 3,000 ft north of Mile 221/2 Street to FM 490.

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 \$ 103,498.56. 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 3** of the Agreement.

PART 4. FUNDING

This **Work Authorization No.1** 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.

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 #4**, Commissioner Joseph Palacios as to content and detail of this **Work Authorization No.1**.

HIDALGO COUNTY PRECINCT # 4

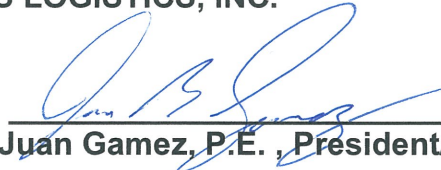
BY: _____
Hon. Joseph Palacios, Commissioner

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on _____ as indicated below and effective as of ____ day of _____, 2016.

**THE ENGINEER:
DOS LOGISTICS, INC.**

**THE OWNER:
HIDALGO COUNTY**

BY: 
Juan Gamez, P.E., President/CEO

BY: _____
Hon. Ramon Garcia, County Judge

ATTEST:

BY: _____
Arturo Guajardo, Jr., County Clerk

LIST OF ATTACHMENTS

- ATTACHMENT "A" - Service to be provided by the Owner
- ATTACHMENT "B" - Services to be provided by the Engineer
- ATTACHMENT "C" - Work Schedule
- ATTACHMENT "D" - Cost Proposal

EXHIBIT "A"

Services to be provided by the OWNER

The following provides an outline of the services to be provided by the **OWNER** in the development of the Project.

The **OWNER** will provide to the **ENGINEER** the following:

- (1) Authorization to the **ENGINEER** to begin work in accordance with Section 3 of this Agreement.
- (2) Payment for work performed by the **ENGINEER** and the accepted by the **OWNER** in accordance with Section 6 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 that the **ENGINEER** cannot easily obtain.
- (4) Provide any available relevant data the **OWNER** may have on file concerning the project.
- (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 "C" of this Agreement.
- (6) Attend and participate in progress meetings as required and as coordinated and conducted by the **ENGINEER**.
- (7) Assist the **ENGINEER** in the preparation of the project mailing list; provide representation, a site and stenographer for the public meeting; additionally:

Public Meetings

- (a) Approve Agenda and all Exhibits prior to public meetings.

- (b) Approve Date and Location of the meeting
- (c) Review / Approve Public Meeting Report.

(8) Attend the Preliminary Concept Conference coordinated and conducted by the **ENGINEER** and more particularly identified in Attachment "B" of the Agreement.

(9) Assist the **ENGINEER** as required in the coordination with the USAGE and the Federal Emergency Management Agency (FEMA) and any other coordinating agency or entity.

(10) Review and approve the Project design criteria.

(11) Review and approve change orders as required and prepared by the **ENGINEER**.

EXHIBIT "B"
HIDALGO COUNTY PRECINCT No. 4

Brushline Road Roadway Improvements

SCOPE OF SERVICES
To be Provided by the Owner

Project Startup

Recovery existing Right of Way

Review FEMA maps

Review Appraisal Maps

Topographic Survey and Engineering Design for Road and Drainage

Set up control points for Topographic Survey

ROW Recovery

Run Elevations points to this project Area

Set up Two (2) Bench Marks

Prepare Engineering Cost Estimate

Prepare Construction Plans,

Prepare Bid Package and Specification Book

Perform QA/QC

**DOS Logistics
Brushline Road Paving Improvements**

		Project Manager	Sr. Engineer	Project Engineer	Engineer Designer	Senior Designer	Designer	Tech III	Clerical
Contracted Rates		\$ 220.00	\$ 200.00	\$ 170.00	\$ 149.00	\$ 86.00	\$ 80.00	\$ 65.00	\$ 58.00
TASK 145	PROJECT MANAGEMENT/ADMINISTRATION								
	TASK 145.01 - PROJECT MANAGEMENT AND COORDINATION								
	A) Coordinate, Execute and Administer Work Authorization								
	B) Progress Reports and Invoices								
	C) Record Keeping and File Management			4	4				
	D) Correspondence								
	E) Meetings (Hidalgo County, Utility Companies)			8	8				
	TASK 145 SUBTOTAL	0	0	12	12	0	0	0	0
TASK 160									
	TASK 160.1 - DESIGN CRITERIA COORDINATION								
	PS&E			8	12	16			
	TASK 160.1 SUBTOTAL	0	0	8	12	16	0	0	0
	TASK 160.2 - PLAN AND PREPARATION								
	Create Existing Contours			24	19.2075	24			
	Create Preliminary Design			20	20	24			
	Create Proposed Cross Sections			12	20	18			
	Create Existing and Proposed Typical Sections			18	18	28		14	
	Prepare Utilities Sheets			18	20	32		15	
	Prepare E&Q Tables			18	20	18			
	Prepare Details and Standard Sheets			9	22	18			
	WA/QC			7	24	16		15	14
	Prepare Specification Book			4	26				
	TASK 160.2 - SUBTOTAL	0	0	130	189.21	178	0	44	14
	TASK 160.3 - TOPOGRAPHIC SURVEY								
	Control Points								
	Basis Topographic Survey								
	TASK 160.2 - SUBTOTAL								
	TASK 160 SUBTOTAL	0	0	138	201.21	194	0	44	14
	TOTAL HOURS (DOS Logistics)	0	0	150	213.21	194	0	44	14
	Contracted Rates	\$ 220.00	\$ 200.00	\$ 170.00	\$ 149.00	\$ 86.00	\$ 80.00	\$ 65.00	\$ 58.00
	Total Labor Cost			\$25,500.00	\$31,767.92	\$16,684.00	\$0.00	\$2,860.00	\$812.00
	Total	\$77,623.92							
	Engineering (7.5%)	\$77,623.92							

GEOTECH NOT INCLUDED

**Brush Line Road Improvements
Phase I**

Engineering Schedule Summary	Duration Days	2016			
		June	July	August	September
Survey and Topographic Work	21	[Red bar spanning 21 days in June]			
Utility Coordination	30	[Brown bar spanning 30 days from June 10 to July 10]			
Preliminary Engineering	14		[Blue bar spanning 14 days in July]		
Executive Design Plans	21			[Yellow bar spanning 21 days from July 15 to August 15]	
QA/QC	7				[Light blue bar spanning 7 days in August]
Specification Book	7				[Light yellow bar spanning 7 days in September]

EXHIBIT "D"
COST PROPOSAL

Brushline RD Paving Improvements Phase I		
Construction Cost		\$1,034,985.60
Basic Engineering Service	7.5%	\$77,623.92
Field Design Survey Services	2.5%	\$25,874.64
		<u>\$103,498.56</u>