



IMPROVING MORE THAN JUST ROADS

## SUPPLEMENTAL AGENDA

Special Meeting of the Board of Directors  
of the  
Cameron County Regional Mobility Authority  
3470 Carmen Avenue, Suite 5  
Rancho Viejo, Texas 78575  
April 19, 2023  
12:00 Noon

### PUBLIC COMMENTS:

1. Public Comments.

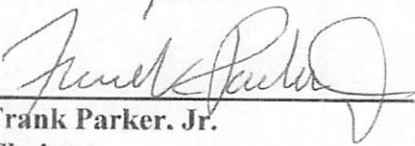
### ITEMS FOR DISCUSSION AND ACTION:

2. Action Items.

- A. Consideration and Approval of Work Authorization No. 36 with S&B Infrastructure for the SH 550 Mitigation Wetland Site Aerial Photography/Digital Terrain Model.

### ADJOURNMENT:

Signed this 15<sup>th</sup> day of April 2023.

  
Frank Parker, Jr.  
Chairman

### NOTE:

**Participation by Telephone Conference Call** – One or more members of the CCRMA Board of Directors may participate in this meeting through a telephone conference call, as authorized by Sec. 370.262, Texas Transportation Code. Each part of the telephone conference call meeting that by law must be open to the public shall be audible to the public at the meeting location and will be recorded. On conclusion of the meeting, the recording will be made available to the public.

## WORK AUTHORIZATION NO. 36

This Work Authorization is made as of this \_\_\_\_\_ day of \_\_\_\_\_, 2023, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING CIVIL ENGINEERING SERVICES, dated as of May 10, 2018 (the "Agreement"), between the Cameron County Regional Mobility Authority (the "Authority") and S&B Infrastructure, Ltd. (the "GEC").

This Work Authorization is made for the following purpose, consistent with the Services defined in the Agreement: ***Professional services for SH 550 Mitigation Wetland Site Aerial Photography/Digital Terrain Model.***

### Section A. - Scope of Services

A.1. GEC shall perform the following Services:

GEC shall perform the Services as listed in Exhibit B and as requested by the Authority.

### Section B. - Schedule

GEC shall perform the Services and deliver the related Documents (if any) according to the following schedule as shown on Exhibit C.

### Section C. – Compensation

- C.1. In return for the performance of the foregoing obligations, the Authority shall pay to the Engineer the amount not to exceed \$10,598.12, based on the attached fee estimate shown on Exhibit D. Compensation shall be in accordance with the Agreement.
- C.2. The Authority shall pay the GEC under the following acceptable payment method – Lump Sum Payment Method.
- C.3. Compensation for Additional Services (if any) shall be paid by the Authority to the GEC according to the terms of a future Work Authorization.

### Section D. - Authority's Responsibilities

The Authority shall perform and/or provide the services as stated in Exhibit A in a timely manner so as not to delay the Services of the Engineer.

### Section E. - Other Provisions

The parties agree to the following provisions with respect to this specific Work Authorization.

-SIGNATURES ON NEXT PAGE-

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

**CAMERON COUNTY REGIONAL MOBILITY AUTHORITY**

By: \_\_\_\_\_  
Frank Parker, Jr., Chairman

Date: \_\_\_\_\_

**S&B INFRASTRUCTURE, LTD.**

By: \_\_\_\_\_  
Daniel O. Rios, PE, President

Date: \_\_\_\_\_

**LIST OF EXHIBITS**

- Exhibit A - Authority's Responsibilities
- Exhibit B - Services to be Provided by Engineer
- Exhibit C - Work Schedule
- Exhibit D - Cost Proposal

## **EXHIBIT A**

### **Authority's Responsibilities**

The following provides an outline of the services to be provided by the Authority in the development of the Project for this work authorization.

#### ***GENERAL***

The Authority will provide to the GEC the following:

- (1) Provide GEC with a Notice to Proceed.
- (2) Payment for work performed by the GEC and accepted by Authority in accordance with this Agreement.
- (3) Assistance to the GEC as necessary, to obtain the required data and information from other local, regional, State and Federal agencies that the GEC cannot easily obtain.
- (4) Provide timely review and decisions in response to the GEC's request for information and/or required submittals and deliverables, in order for the GEC to maintain an agreed-upon work schedule referred to in Exhibit C.

**EXHIBIT B**  
**SERVICES TO BE PROVIDED BY THE GEC**

**County:** Cameron  
**Highway:** SH 550

The work to be performed by the GEC shall consist of providing engineering services for development of SH 550 Mitigation Wetland Site Aerial Photography / Digital Terrain Model.

The GEC shall direct and coordinate the various elements and activities associated with this work authorization, including day-to-day project management, management and coordination with sub-consultant and administration, progress reports and billing statements.

GEC shall provide:

- Preliminary Field Reconnaissance Activities (Identification of flight areas, creation of flight plans, and mapping of ground control points)
- Field Reconnaissance (UAS Aerial Imagery & Ground Control Data Collection)
- Post Flight Data Processing and DTM Creation (Upload data, catalog data, process data)
- Internal Meetings & Coordination

## **EXHIBIT C**

### **Schedule of Work**

The **GEC** will diligently pursue the completion of the **Project** as defined by the milestones and deliverable due dates.

The **GEC** will inform the **Authority** (in reasonable advance of the delay) should the **GEC** encounter delays that would prevent the performance of all work in accordance with the established schedule(s) of work.

#### **Notice To Proceed – Upon Execution**

Preliminary Field Reconnaissance	1 Week from NTP
Field Reconnaissance	1 Week from NTP
Post Flight Data Processing & DTM Creation	2 Weeks from NTP

**Work Order Complete – 4 weeks from NTP**

PROJECT: SH 550 Mitigation  
 CLIENT: CCRMA  
 CONTRACT: GEC Contract  
 CSJ:  
 COUNTY: Cameron  
 S & B JOB NO.: U2716.336

04/14/23

EXHIBIT D -- FEE ESTIMATE

ACTIVITY CODE	FUNCTION CODE	DESCRIPTION from Attachment B	FIRM	SERVICE	MAN-HOURS															ESTIMATED FEE	TOTALS			
					Principal	Quality Manager	Project Manager	Env Manager	Env Scientist	Env Scientist I/II	Engineer Structural	Engineer (V)	Engineer (IV)	Engineer (III)	Senior CADD	CADD Operator (I)	Secretary	TOTAL HRS						
	163	Mitigation Wetland Site Aerial Photography / DTM Preliminary Field Reconnaissance, Field Reconnaissance, Post Flight Data Processand & DTM Creation	B2Z	BASIC																		\$0.00 \$0.00		
		Sub Total (163 - Mitigation Wetland Site Aerial Photography / DTM)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		\$9,583.12	\$9,583.12
	164	GENERAL COORDINATION																						
		a Project Manager (Proj Coord)(2 HRS/WK)	S & B	BASIC			1														1	\$275.00		
		b Project Manager Weekly Meeting (Prog. Rpts)	S & B	BASIC																	0	\$0.00		
		c Sub Consultant Coordination	S & B	BASIC			1														1	\$275.00		
		d Prepare Proj. Meetings Notes	S & B	BASIC																	0	\$0.00		
		e Project Secretary CLERICAL (2 hrs/week)	S & B	BASIC																1	1	\$65.00		
		Sub Total (164 - GENERAL COORDINATION)			0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3		\$615.00	
		Sub Total (163 - 164)			0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3	\$615.00	\$10,598.12	
		LABOR TOTALS																					\$10,598.12	
		Total Hours	MULTIPLIER		0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3			
		CONTRACT RATES: (\$/MAN-HOUR)	37717		259.06	249.99	275.00	185.00	110.00	90.00	245.18	224.98	207.44	166.73	115.00	100.00	65.00							
		BASE RATES: (\$/MAN-HOUR)			79.53	86.28	72.91	49.05	26.17	23.96	65.00	59.65	55.00	45.00	30.49	26.51	17.23							
	160	NON LABOR																						
		b Outside reproduction (29 Sets @ 200 Sheet Avg @ \$0.35 1	S & B	SPECIAL																		\$0.00		
		c Travel - Mileage During Plan Development (9 Migs and Precon Mtg)	S & B	SPECIAL	Mileage per trip =	120	Trips =	0													Mileage Rate (\$/mi.) =	\$ 0.540	\$0.00	
		d Travel to District Area Office- Mileage 5 Meetings	S & B	SPECIAL	Mileage per trip =	10	Trips =	0													Mileage Rate (\$/mi.) =	\$ 0.540	\$0.00	
		Sub Total (F.C. 160)																						\$0.00
		NON LABOR TOTAL																					\$0.00	
		BASIC SERVICE TOTAL																					\$	10,598.12
		SPECIAL SERVICE TOTAL																					\$	-
		PROJECT TOTAL																						\$10,598.12



EXHIBIT D  
FEE PROPOSAL

2023 - SH 550 Mitigation Wetland Site Aerial Photography / Digital Terrain Model

		MANHOOURS					Subtotal
		Project Manager	GIS / Sr. Eng Technician	Unmanned Aircraft System (UAS) Pilot	Engineering Tech	Total	
<b>TASKS</b>							
1	Preliminary Field Reconnaissance Activities (Identification of flight areas, creation of flight plans, mapping of ground control points)	2		6	6	14	\$1,391.80
2	Field Reconnaissance (UAS Aerial Imagery & Ground Control Data Collection)			14	14	28	\$2,329.32
3	Post Flight Data Processing and DTM Creation (Upload data, catalog data, process data)		16	10	10	36	\$3,423.00
4	Internal Meetings & Coordination	2	6	6	6	20	\$2,051.50
		<b>4</b>	<b>22</b>	<b>36</b>	<b>36</b>	<b>98</b>	
<b>Labor Hours</b>		<b>4</b>	<b>22</b>	<b>36</b>	<b>36</b>	<b>98</b>	
Hourly Base Rates		\$ 68.00	\$ 38.00	\$ 29.50	\$ 28.00		
Contract Rate F.Y.2018		\$ 196.76	\$ 109.95	\$ 85.36	\$ 81.02		
<b>Total Labor Costs</b>		<b>\$ 787.04</b>	<b>\$ 2,418.90</b>	<b>\$ 3,072.96</b>	<b>\$ 2,916.72</b>		<b>\$ 9,195.62</b>

<b>Direct Expenses</b>		
Aerial Drone Flight (\$275.00/hr)	\$	275.00
Mileage (\$0.625/mile)	\$	512.50
<b>Total Direct Expenses</b>	<b>\$</b>	<b>787.50</b>

**B2Z Engineering Total Cost** **\$ 9,983.12**