

**SUPPLEMENTAL WORK AUTHORIZATION NO. 1
WORK ORDER NO. 1
CONTRACT FOR ENGINEERING SERVICES**

THIS SUPPLEMENTAL WORK AUTHORIZATION is made pursuant to the terms and conditions of Contract No. **2021-0257** hereinafter identified as the "Contract," entered into by and between the County of El Paso, and **CONSOR ENGINEERS, LLC** (the Engineer).

The following terms and conditions of Work Order No. **1** are hereby amended as follows:

- I. **Exhibit C.1**, Services to be provided by the Engineer, is amended by adding **Exhibit C.1-2**, which is attached to this Supplemental Work Authorization.
- II. **Exhibit C.2**, Fee Schedule, is amended by adding **Exhibit C.2-2**, which is attached to this Supplemental Work Authorization.
- III. The maximum amount payable under this work authorization is increased by **\$5,860.33** from **\$90,680.76** to **\$96,541.09**

This Supplemental Work Authorization shall become effective on the date of final execution of the parties hereto. All other terms and conditions of Work Order No. **1** not hereby amended are to remain in full force and effect.

IN WITNESS WHEREOF, this Work Authorization is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE ENGINEER

EL PASO, COUNTY, TEXAS

 (Signature)
Ricardo Prieto, P.E.

 (Printed Name)
Senior Vice President

 (Title)

 (Date)

 (Signature)
Hon. Ricardo A. Samaniego

 (Printed Name)
El Paso County Judge

 (Title)

 (Date)

 (Signature)
Jose M. Landeros

 (Printed Name)
Director Planning & Development

 (Title)

 (Date)

LIST OF EXHIBITS

Exhibit C.1-2 *Services to be provided by the Engineer*
Exhibit C.2-2 *Fee Schedule/Budget*

EXHIBIT C.1-2 ENGINEER'S DESIGN SERVICES SCOPE OF WORK

The work to be performed by the Engineer shall consist of providing traffic signal timing services for the **Eastlake Blvd.** corridor in El Paso County. The corridor segment to be retimed includes 1 signalized intersections, as listed below:

Eastlake Blvd. at:

1. IH-10 EB Frontage Road
2. IH-10 WB Frontage Road

Design Standards. The ENGINEER shall prepare all work in accordance with the latest version of applicable STATE procedures, manuals, and guidelines to include the *Traffic Signals Manual*, *Texas Manual on Uniform Traffic Control Devices (TMUTCD)*, *Transportation Research Board (TRB) Highway Capacity Manual*, and other STATE approved manuals.

The engineering services shall include traffic count data collection, performing travel time studies, traffic signal timing development and report preparation. The Engineer shall perform the following tasks:

A. TxDOT Proposed Configuration Review

The Engineer shall review the data collection and model provided by TxDOT for the proposed configuration of Eastlake Blvd. at IH 10.

The Engineer shall report all findings and advise the County on any issues that may impact the project.

B. Revise Synchro Models & Timing Plans

The Engineer shall revise the Synchro models and Timing Plan at the intersection. The Engineer shall adjust the splits and offsets to account for the new lane configuration.

C. Preliminary Report Revision

The Engineer shall revise the preliminary report to implement the new configuration at the intersection of Eastlake Blvd at IH 10 provided by TxDOT. Revisions will include a summary of data collection provided, capacity/LOS analysis, timing plan generation, and recommendations for the retiming of the signal system. The Engineer shall submit one (1) copy of the signal timing plans – cycles, splits and offsets - in a tabular form and also one (1) set of time-space diagrams for each period of analysis. The revised Preliminary Report shall be submitted by e-mail in PDF format.

D. Deliverables

The Engineer shall submit the following deliverables:

- Revised Preliminary Report
- Synchro files



Contract No. 2021-0257
SWA 1 to Work Order No. 001

EXHIBIT C.2- COST PROPOSAL

PROJECT NAME: EASTLAKE BLVD. SIGNAL TIMINGS_ADDITIONAL SERVICES

PRIME PROVIDER NAME: CONSOR ENGINEERS, LLC

TASKS	
TRAFFIC SIGNAL TIMINGS	\$5,860.33
CONSOR DIRECT EXPENSES	\$0.00
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GRAND TOTAL	\$5,860.33

EXHIBIT C.2- COST PROPOSAL (CONSOR Engineers)

PROJECT NAME: EASTLAKE BLVD. SIGNAL TIMINGS_ADDITIONAL SERVICES
METHOD OF PAY: Specified Rate
PRIME PROVIDER NAME: CONSOR ENGINEERS, LLC

Contract No. 2021-0257
SWA 1 to Work Order No. 001

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	TRAFFIC ENGINEER	EIT I	CADD OPERATOR	CLERICAL	TOTAL LABOR HRS. & COSTS
Traffic Signal Timings							
A. Review of TxDOT New Configuration @ Eastlake & IH-10							
Review existing traffic counts	1		1	1			3
Review proposed timing sheets	1		2	1			4
Review proposed Synchro Model	1		4	2			7
B. Implement New Configuration to Synchro Models							
Update Existing Synchro Model	2		8	4			14
C. Revise Documentation							
Revise Timing Plan for Eastlake @ IH-10	1		4	2			7
Revise Preliminary Report	1		2	4			7
HOURS SUB-TOTALS	7	0	21	14	0	0	42
LABOR RATE PER HOUR	\$75.50	\$65.00	\$50.25	\$34.00	\$28.00	\$23.00	
DIRECT LABOR COSTS	\$528.50	\$0.00	\$1,055.25	\$476.00	\$0.00	\$0.00	\$2,059.75
MULTIPLIER	2.85	2.85	2.85	2.85	2.85	2.85	
TOTAL LABOR COSTS	\$1,503.67	\$0.00	\$3,002.36	\$1,354.30	\$0.00	\$0.00	\$5,860.33

Direct Expenses	
MILEAGE @ \$0.560 per mile	\$ -
Airfare (2 Round Trips)	\$ -
Per Diem Hotel	\$ -
Per Diem Meals	\$ -

SUBTOTAL DIRECT EXPENSES \$ -

CONSOR ENGINEERS DESIGN FEES	\$5,860.33
GRV	\$0.00
DIRECT EXPENSES	\$0.00
GRAND TOTAL	\$5,860.33