

## **CAMINO REAL REGIONAL MOBILITY AUTHORITY BOARD RESOLUTION**

**WHEREAS**, the Camino Real Regional Mobility Authority (CRRMA) and CEA Engineering Group, Inc., (Engineer) entered into a Contract for Engineering Services (Contract) in order for the Engineer to provide various design services for plans, specifications and estimates (PS&E) to the CRRMA as may be required for the 2013 County Mobility Projects;

**WHEREAS**, the CRRMA and the Engineer executed a work authorization pursuant to the Contract in order for the Engineer to provide PS&E for the Eastlake Phase 2 Project (the Project);

**WHEREAS**, the County of El Paso (County) has requested additional temporary signal design services of the Engineer for the Project, which were not originally contemplated as a part of the Project;

**WHEREAS**, the County has agreed that the scope and additional fee proposed for the additional work is within the scope and budget of the interlocal agreement between the County and the CRRMA; and

**WHEREAS**, the CRRMA and the Engineer now desire to execute a supplemental Work Authorization No. 1 in order for the Engineer to provide for a temporary traffic signal at Darrington Road and Eastlake Boulevard and will include traffic and PS&E preparation services necessary for the successful completion of the Project;

**NOW, THEREFORE, BE IT RESOLVED BY THE CAMINO REAL REGIONAL MOBILITY AUTHORITY:**

**THAT** the Executive Director be authorized to execute **Supplemental Work Authorization 1** with CEA Engineering Group, Inc., including any additional documents or materials as may be required, for the addition of temporary signal design services for the Eastlake Phase 2 Project.

**PASSED AND APPROVED THIS 8<sup>TH</sup> DAY OF JUNE 2016.**

**CAMINO REAL REGIONAL  
MOBILITY AUTHORITY**

**ATTEST:**

\_\_\_\_\_  
Susan A. Melendez, Chair

\_\_\_\_\_  
Joe R. Fernandez, Board Secretary

**APPROVED AS TO CONTENT:**

\_\_\_\_\_  
Raymond L. Telles  
Executive Director

**SUPPLEMENTAL WORK AUTHORIZATION NO. 1**

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

**THIS SUPPLEMENTAL WORK AUTHORIZATION** is made pursuant to the terms and conditions of Article 5 of the Contract for Engineering Services hereinafter identified as the “Contract,” entered into by and between the CAMINO REAL REGIONAL MOBILITY AUTHORITY (the “CRRMA”), and CEA Engineering Group, Inc. (the “Engineer”).

The terms and conditions of Work Authorization No. 1 are hereby amended to include the provisions identified in Attachment Exhibit B-1, which is attached hereto and incorporated herein for all purposes.

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

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

**CAMINO REAL  
REGIONAL MOBILITY AUTHORITY**

By: \_\_\_\_\_  
Raymond Telles  
Executive Director  
Date: \_\_\_\_\_

**CEA ENGINEERING GROUP, INC.**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Date: \_\_\_\_\_

## **Exhibit B-1**

### **SERVICES TO BE PROVIDED BY THE ENGINEER**

#### **I. PROJECT SUMMARY OF SUPPLEMENTAL SCOPE**

Additional Professional Services will be provided by the Engineer to produce final plans, specifications, and estimates (PS&E) for a temporary traffic signal at Darrington Rd. and Eastlake Blvd. These services generally will include traffic and PS&E preparation. The work is required as part of Eastlake Phase II commencing prior to Phase I. The temporary signal will be in operation through the first two phases of construction to alleviate congestion at the intersection.

#### **II. SERVICES TO BE PROVIDED BY THE ENGINEER**

The Scope of Services to be provided by the Engineer may include, but are not limited to the following key elements:

- Project Management
- Plans, Specifications and Estimates

##### **A. Project Management**

The project management and administration tasks shall include:

1. Progress Reporting
  - 1.1. Prepare and submit to the CRRMA monthly progress reports of activities completed during reporting period.
  - 1.2. Prepare and Submit Invoices. The report shall be submitted as an attachment to the invoice submittal.

##### **B. Plans, Specifications and Estimates (PS&E)**

1. Operational design
  - 1.1. Develop temporary traffic signalization plans for at Darrington Rd. and Eastlake Blvd. Traffic signal to work with traffic control plans for phase 1 and 2.
2. Traffic Control
  - 2.1. Prepare traffic control drawings to coordinate with temporary traffic signal; including: line diagrams; TCP; general note guidelines.
3. Final assembly of PS&E Package and supporting documents
  - 3.1. Complete final construction plans
  - 3.2. Develop standard and special specifications
  - 3.3. Develop special provisions
  - 3.4. Develop cost estimate
  - 3.5. Develop bid document package

**Deliverables**

- Specification list, general notes, special provisions, specifications, special specifications
- Final signed and sealed construction plans
- Bid document addendum package

Supplemental Work Authorization Fee Schedule

CEA Group  
Eastlake Phase 2

Company	Fee
CEA Group	\$1,620.74
Kimley Horn & Associates	\$10,281.50
Frank X. Spencer & Associates	
AMEC Foster Wheeler	
Lisa McNelis Landscape Architect	
Altura Solutions	
Total	\$11,902.24

**CEA Group  
Eastlake Phase 2**

Task	CEA Group	Kimley Horn & Associates	Frank X. Spencer & Associates	AMEC Foster Wheeler	Lisa McNelis Landscape	Altura Solutions			
A. Project Management	\$0.00	\$0.00							
B. Surveying	\$0.00	\$0.00							
C. Right-Of-Way Mapping	\$0.00	\$0.00							
D. Geotechnical Investigations	\$0.00	\$0.00							
E. Schematic Design	\$0.00	\$0.00							
F. Drainage Study	\$0.00	\$0.00							
G. Stakeholder Coordination	\$0.00	\$0.00							
H. Plans, Specifications and Estimates (PS&E)	\$1,620.74	\$10,281.50							
I. Utility Coordination	\$0.00	\$0.00							
<b>Sub Totals</b>	<b>\$1,620.74</b>	<b>\$10,281.50</b>							
<b>Direct Expenses</b>	<b>\$0.00</b>	<b>\$0.00</b>							
<b>Totals</b>	<b>\$1,620.74</b>	<b>\$10,281.50</b>							
<b>Grand Total</b>					<b>\$11,902.24</b>				

CEA Group  
Eastlake Phase 2

Task Description	SENIOR PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	SENIOR ENGINEERING TECHNICIAN	SENIOR CADD OPERATOR	ADMIN / CLERICAL (ENG)	TOTAL LABOR HOURS	TOTAL LABOR COST
H. Plans, Specifications and Estimates (PS&E)								13	\$ 1,620.74
1. Update Information								0	\$ -
2. Design Criteria								0	\$ -
3. Initial Design								0	\$ -
4. Utility Coordination								0	\$ -
5. Roadway Design								0	\$ -
6. Operational Design								0	\$ -
7. Drainage Design								0	\$ -
8. Traffic Control								0	\$ -
9. Storm Water Pollution Prevention Plan (SW3P)								0	\$ -
10. Final Assembly of PS&E Package								13	\$ 1,620.74
10.1 Complete final construction plans								0	\$ -
10.2 Develop standard and special specifications								0	\$ -
10.3 Develop special provisions								0	\$ -
10.4 Develop cost estimate								0	\$ -
10.5 Develop addendum packet	1		4			8		13	\$ 1,620.74
10.6 Support CCRMA's develop of project agreements related to the Project								0	\$ -
11. ADA Compliance Services								0	\$ -
12. Bid Assistance								0	\$ -
Deliverables								0	\$ -
HOURS SUB-TOTALS	1	0	4	0	0	8	0	13	
CONTRACT RATE PER HOUR	\$204.09	\$192.09	\$162.07	\$132.06	\$108.05	\$96.04	\$84.04		
TOTAL LABOR COSTS	\$204.09	\$0.00	\$648.30	\$0.00	\$0.00	\$768.35	\$0.00	\$1,620.74	
% DISTRIBUTION OF STAFF HOURS	7.69%	0.00%	30.77%	0.00%	0.00%	61.54%	0.00%		
TOTAL PROJECT HOURS	1	0	4	0	0	8	0	13	
PROJECT TOTALS	\$204.09	\$0.00	\$648.30	\$0.00	\$0.00	\$768.35	\$0.00	\$1,620.74	
TOTAL PROJECT % DISTRIBUTION OF STAFF HOURS	7.69%	0.00%	30.77%	0.00%	0.00%	61.54%	0.00%		

PRIME PROVIDER NAME: CEA Group  
 CONTRACT NUMBER: [Contract Number] CEA  
 Group (PRIME)

## LUMP SUM, UNIT COST AND/OR SPECIFIED RATE PAYMENT BASIS

Lump Sum, Unit Cost and/or Specified Rate Labor/Staff Classification		Negotiated Hourly Base Rate	Contract Rate
Senior Project Manager		\$ 68.00	\$ 204.09
Senior Bridge Engineer			\$ -
Senior Engineer		\$ 64.00	\$ 192.09
Project Engineer		\$ 54.00	\$ 162.07
Design Engineer		\$ 44.00	\$ 132.06
EIT		\$ 34.00	\$ 102.05
Senior Engineering Technician		\$ 36.00	\$ 108.05
Engineering Technician		\$ 30.00	\$ 90.04
Senior CADD Operator		\$ 32.00	\$ 96.04
CADD Operator		\$ 26.00	\$ 78.04
Admin / Clerical (Eng)		\$ 28.00	\$ 84.04
Survey Project Manager		\$ -	\$ -
Registered Professional Land Surveyor		\$ -	\$ -
Survey Technician		\$ -	\$ -
Survey Technician - GPS		\$ -	\$ -
2-man Survey Crew (Portal to Portal)		\$ -	\$ -
3-man Survey Crew (Portal to Portal)		\$ -	\$ -
4-man Survey Crew (Portal to Portal)		\$ -	\$ -
Flagger		\$ -	\$ -
Admin / Clerical (Surv)		\$ -	\$ -
Audited Overhead Rate:	167.98%		
Negotiated Profit Rate:	12.00%		
Contract Rates include labor, overhead, and profit. All rates are negotiated rates and are not subject to change or adjustment. Physical percent complete to be billed. Documentation of hours work not required. under that work authorization.			



Kimley Horn & Associates  
Eastlake Phase 2

Task Description	SENIOR PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	SENIOR ENGINEERING TECHNICIAN	SENIOR CADD OPERATOR	ADMIN / CLERICAL (ENG)	TOTAL LABOR HOURS	TOTAL LABOR COST
H. Plans, Specifications and Estimates (PS&E)								71	\$ 10,281.50
1. Update Information								0	\$ -
2. Design Criteria								0	\$ -
3. Initial Design								0	\$ -
4. Utility Coordination								0	\$ -
5. Roadway Design								0	\$ -
6. Operational Design								52	\$ 7,346.27
6.1 Develop signing and pavement marking plans								0	\$ -
6.2 Develop temporary signalization plans at Darrington and Eastlake	4	4		20				52	\$ 7,346.27
7. Drainage Design								0	\$ -
8. Traffic Control								0	\$ -
9. Storm Water Pollution Prevention Plan (SW3P)								0	\$ -
10. Final Assembly of PS&E Package								19	\$ 2,935.23
10.1 Complete final construction plans	1	1						4	\$ 721.51
10.2 Develop standard and special specifications		1						3	\$ 459.14
10.3 Develop special provisions								2	\$ 229.57
10.4 Develop cost estimate		1						3	\$ 459.14
10.5 Develop bid document package	1	1						7	\$ 1,065.86
10.6 Support CCRMA's develop of project agreements related to the Project								0	\$ -
11. ADA Compliance Services								0	\$ -
12. Bid Assistance								0	\$ -
Deliverables								0	\$ -
HOURS SUB-TOTALS	6	8	0	20	0	0	0	71	
CONTRACT RATE PER HOUR	\$262.37	\$229.57	\$180.38	\$131.18	\$163.98	\$111.51	\$114.79		
TOTAL LABOR COSTS	\$1,574.20	\$1,836.57	\$0.00	\$2,623.67	\$0.00	\$0.00	\$0.00	\$10,281.50	
% DISTRIBUTION OF STAFF HOURS	8.45%	11.27%	0.00%	28.17%	0.00%	0.00%	0.00%		
TOTAL PROJECT HOURS	6	8	0	20	0	0	0	71	
PROJECT TOTALS	\$1,574.20	\$1,836.57	\$0.00	\$2,623.67	\$0.00	\$0.00	\$0.00	\$10,281.50	
TOTAL PROJECT % DISTRIBUTION OF STAFF HOURS	8.45%	11.27%	0.00%	28.17%	0.00%	0.00%	0.00%		

PRIME PROVIDER NAME: CEA Group  
 CONTRACT NUMBER: [Contract Number]  
 Kimley Horn & Associates

## LUMP SUM, UNIT COST AND/OR SPECIFIED RATE PAYMENT BASIS

Lump Sum, Unit Cost and/or Specified Rate Labor/Staff Classification		Negotiated Hourly Base Rate	Contract Rate
Senior Project Manager		\$ 80.00	\$ 262.37
Senior Bridge Engineer		\$ 80.00	\$ 262.37
Senior Engineer		\$ 70.00	\$ 229.57
Project Engineer		\$ 55.00	\$ 180.38
Design Engineer		\$ 40.00	\$ 131.18
EIT		\$ 35.00	\$ 114.79
Senior Engineering Technician		\$ 50.00	\$ 163.98
Engineering Technician		\$ 30.00	\$ 98.39
Senior CADD Operator		\$ 34.00	\$ 111.51
CADD Operator		\$ 26.00	\$ 85.27
Admin / Clerical (Eng)		\$ 35.00	\$ 114.79
Survey Project Manager		\$ -	\$ -
Registered Professional Land Surveyor		\$ -	\$ -
Survey Technician		\$ -	\$ -
Survey Technician - GPS		\$ -	\$ -
2-man Survey Crew (Portal to Portal)		\$ -	\$ -
3-man Survey Crew (Portal to Portal)		\$ -	\$ -
4-man Survey Crew (Portal to Portal)		\$ -	\$ -
Flagger		\$ -	\$ -
Admin / Clerical (Surv)		\$ -	\$ -
Audited Overhead Rate:	192.82%		
Negotiated Profit Rate:	12.00%		
Contract Rates include labor, overhead, and profit. All rates are negotiated rates and are not subject to change or adjustment. Physical percent complete to be billed. Documentation of hours work not required. under that work authorization.			