CAMINO REAL REGIONAL MOBILITY AUTHORITY
BOARD RESOLUTION

WHEREAS, the Camino Real Regional Mobility Authority (CRRMA) previously selected Dannenbaum Engineering Company – El Paso, LLC (the Engineer) for the provision of consultant engineering services to the CRRMA for Indefinite Deliverable Contracts in support of the 2013 El Paso County Comprehensive Mobility Plan projects; and

WHEREAS, the CRRMA and Engineer entered into a Contract for Engineering Services 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; and

WHEREAS, the CRRMA and Dannenbaum Engineering Corporation executed a work authorization in order for the Engineer to provide PS&E for the Eastlake Phase 1 project (the Project) of the 2013 County Mobility Projects to the CRRMA; and

WHEREAS, the County of El Paso (County) has requested additional design services for irrigation water meter connections and utility coordination that was not originally contemplated as a part of the Project; and

WHEREAS, the CRRMA and the Engineer now desire to execute those documents necessary for the provision of the additional services identified above.

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

THAT the Executive Director be authorized to execute **Supplemental Work Authorization 2** with Dannenbaum Engineering Corporation, including any additional documents or materials as may be required, for additional design services for irrigation water meter connections and utility coordination to the CRRMA for the Eastlake Blvd., Phase 1 Project.

PASSED AND APPROVED THIS 14TH DAY OF DECEMBER 2016.

CAMINO REAL REGIONAL MOBILITY AUTHORITY

_____
Susan A. Melendez, Chair

ATTEST:

_____
Joe R. Fernandez, Board Secretary

APPROVED AS TO CONTENT:

_____
Raymond L. Telles
Executive Director

SUPPLEMENTAL WORK AUTHORIZATION NO. 2

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 dated July 28, 2015 hereinafter identified as the "Contract," entered into by and between the CAMINO REAL REGIONAL MOBILITY AUTHORITY (the "CRRMA"), and Dannenbaum Engineering Company – El Paso, LLC. (the "Engineer").

The terms and conditions of Work Authorization No.2 are hereby amended pursuant to and in accordance with Attachment B-1, which is attached hereto and incorporated herein for all purposes.

This instrument 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 instrument is executed in duplicate counterparts and hereby accepted and acknowledged below.

CAMINO REAL
REGIONAL MOBILITY AUTHORITY

By: _____
Raymond L. Telles
Executive Director
Date: _____

DANNENBAUM ENGINEERING COMPANY
– EL PASO LLC

By: _____
Name: _____
Date: _____

EXHIBIT B-1
SERVICES TO BE PROVIDED BY THE ENGINEER
EASTLAKE PHASE 1
WA 1 - SUPPLEMENTAL No 2

I. PROJECT SUMMARY

PS&E for Eastlake Blvd. Phase I from IH – 10 to Darrington Rd., is currently being developed by the Engineer and it has been requested by the County of El Paso for the CRRMA to provide additional design of irrigation water meter service connections, details, specifications and coordinate with the existing utilities, all as more fully enumerated below.

II. ADDITIONAL SERVICES TO BE PROVIDED BY THE ENGINEER

Professional services to be provided by the Engineer will conform to the latest editions of the TxDOT Project Development Process Manual, the Roadway Design Manual, the PS&E Preparation Manual, and other applicable codes, ordinances, criteria, standards, regulations, policies, guidelines, practices and procedures.

The Engineer will work at the direction and supervision of the CRRMA Executive Director and its consultants, providing reports and findings, as required. The Engineer will work cooperatively and collaboratively with other governmental agencies and design consultant firms who are responsible for adjacent projects or jurisdictional approval.

Scheduling of activities below will conform to established CRRMA, County of El Paso and/or other municipal review and comment periods for each deliverable of the project.

The services to be provided by the Engineer for the supplemental include the following elements:

- Design of Irrigation Meter Water Service connections, Details and Specifications
- Coordinate meter service connections with existing utilities

A. Utility Coordination

1. Landscape Meter Water Service Connections

a. The Engineer will provide plan layouts for twenty (20) water service connections for irrigation meters along Eastlake Blvd. Phase I. The Engineer will coordinate with Paseo del Este MUD for all design and testing criteria, reviews, and approval of connection points.

b. The Engineer will provide details for irrigation meter water service connections, including embedment material and other related appurtenances as required.

c. The Engineer will provide General Notes Sheet to address applicable codes, regulations, and standards.

d. The Engineer will provide Technical Specifications, Construction Estimate, and a list of Bid Items and quantities of each item required for this Project.

e. Irrigation meter locations will be coordinated with Landscape Subconsultant, Paseo del Este MUD, and Hunt (Developer). Meeting minutes shall be prepared and transmitted to all attendees.

f. Implement QA/QC measures for all deliverables.

Deliverables

1. 100% Submittal will include:

a. Plan Sheets indicating location of existing utilities, irrigation meters, and proposed water service connections.

b. Water Service Connection Details Sheet.

c. General Notes Sheet.

d. Bid Items List with quantities.

e. Technical Specifications.

f. Construction Estimate.

g. Meeting Minutes of all coordination conducted with all entities.

Eastlake Phase 1

Dannenbaum Engineering Company - El Paso, LLC

PROJECT: Eastlake Blvd., Phase I

Supplemental No. 2

Task	Dannenbaum Engineering Company - El Paso, LLC	Frank X. Spencer & Associates, S1	AMEC Foster Wheeler, S2	Sites Southwest, S3	Villaverde, Inc., S5	GRV integrated Engineering Slolutions, LLC, S6
1						Supplemental No
A. Project Management	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
B. Surveying		$0.00	$0.00	$0.00	$0.00	$0.00
C. Right-Of-Way Mapping		$0.00	$0.00	$0.00	$0.00	$0.00
D. Geotechnical Investigations		$0.00	$0.00	$0.00	$0.00	$0.00
E. Schematic Design		$0.00	$0.00	$0.00	$0.00	$0.00
F. Drainage Study		$0.00	$0.00	$0.00	$0.00	$0.00
G. Stakeholder Coordination		$0.00	$0.00	$0.00	$0.00	$0.00
H. Plans, Specifications and Estimates (PS&E)		$0.00	$0.00	$0.00	$0.00	$0.00
I. Utility Coordination	$25,549.14	$0.00	$0.00	$0.00	$0.00	$0.00
Sub Totals	**$25,549.14**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Direct Expenses	**$962.50**	**$0.00**	**0%**	**$0.00**	**$0.00**	**$0.00**
Totals	**$26,511.64**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Grand Total			**$26,511.64**			
Participation Percentage	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Total DBE Percentage: 0.00%

Dannenbaum Engineering Company - El Paso, LLC PROJECT: Eastlake Blvd., Phase I

Supplemental No 2

Task Description	PRINCIPAL	SENIOR PROJECT MANAGER	DEPUTY PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	EIT	SENIOR DESIGNER	SENIOR CADD OPERATOR	ADMIN ASSISTANT 2	PUBLIC OUTREACH MANAGER	TOTAL LABOR HOURS	TOTAL LABOR COST
A. Project Management												0	$ -
5. Subconsultant Management												0	$ -
5.1 Develop and Implement Plan to Manage Subconsultants (Part of Project Management Plan)												0	$ -
5.2 Prepare Subcontracts for Subconsultants												0	$ -
5.3 Monitor Subconsultant Activities (staff and schedule)												0	$ -
5.4 Review and Recommend Approval of Subconsultant Progress Reports and Invoices												0	$ -
Deliverables													
1. Sumaries of all Meetings													
2. Project Schedule and Monthly Updates													
0%													
0	0	0	0	0	0	0	0	0	0	0	0	0	
CONTRACT RATE PER HOUR	$335.88	$315.50	$256.21	$220.46	$202.58	$214.50	$95.33	$119.17	$90.54	$65.54	$92.35		
TOTAL LABOR COSTS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
% DISTRIBUTION OF STAFF HOURS	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
I. Utility Coordination												172	$ 25,549.14
1. Utility Coordination												172	$ 25,549.14
1.1 Provide W ater Service Connection Layouts for 20 Irrigation Meters		6			4	4	20		34			68	$ 8,546.42
1.2 Provide W ater Service Connection Details					4	2	8		12			26	$ 3,088.50
1.3 Provide General Notes for Meter Service Connections		3			4	4	8			1		20	$ 3,443.02
1.4 Provide Bid items, Quantities and Specifications for Meter Service Connections					4	4	10			4		22	$ 2,883.82
1.5 Coordinate Meter with Landcape Subconsultant, MUD, Developer (Hunt)		6			4	2	8			2		22	$ 4,026.06
1.6 QA/QC		6			4	4						14	$ 3,561.31
HOURS SUB-TOTALS	0	21	0	0	24	20	54	0	46	7	0	172	
CONTRACT RATE PER HOUR	$335.88	$315.50	$256.21	$220.46	$202.58	$214.50	$95.33	$119.17	$90.54	$65.54	$92.35		
TOTAL LABOR COSTS	$0.00	$6,625.46	$0.00	$0.00	$4,861.97	$4,289.98	$5,147.97	$0.00	$4,164.97	$458.79	$0.00		
% DISTRIBUTION OF STAFF HOURS	0.00%	12.21%	0.00%	0.00%	13.95%	11.63%	31.40%	0.00%	26.74%	4.07%	0.00%		
TOTAL PROJECT HOURS	0	21	0	0	24	20	54	0	46	7	0	172	
PROJECT TOTALS	$0.00	$6,625.46	$0.00	$0.00	$4,861.97	$4,289.98	$5,147.97	$0.00	$4,164.97	$458.79	$0.00	$25,549.14	
TOTAL PROJECT % DISTRIBUTION OF STAFF HOURS	0.00%												

Dannenbaum Engineering Company - El Paso, LLC

PROJECT: Eastlake Blvd., Phase I

PRIME PROVIDER - OTHER DIRECT EXPENSES

Other Direct Expenses	UNITS		RATE	
Lodging/Hotel (Taxes/fees not included)	1	night	95.00	$95.00
Meals (overnight stay required)	1	day	55.00	$55.00
Rental Car (Tax/fees not included)	1	day	90.00	$90.00
Mileage	100	mile	0.575	$57.50
SUV or ATV Rental	0	day	90.00	$0.00
Air Travel	1	each	650.00	$650.00
Parking	1	day	15.00	$15.00
Taxi/Cab fare	0	each	25.00	$0.00
Standard Postage	0	letter	0.71	$0.00
Overnight express-letter size	0	each	35.00	$0.00
Overnight express-oversized box	0	each	45.00	$0.00
Courier Services	0	each	45.00	$0.00
8½"X11" B/W Paper Copies	0	each	0.10	$0.00
11"X17" B/W Paper Copies	0	each	0.20	$0.00
8½"X11" Color Paper Copies	0	each	0.70	$0.00
11"X17" Color Paper Copies	0	each	1.25	$0.00
CADD Plotting	0	linear foot	0.75	$0.00
Digital Ortho Plotting	0	linear foot	1.25	$0.00
Law Enforcement/Uniform Officer	0	hour/officer	100.00	$0.00
Notebooks	0	each	10.00	$0.00
Hazardous Materials Database Search	0	per search	75.00	$0.00
Backhoe Rental	0	day	500.00	$0.00
Report Binding	0	each	15.00	$0.00
Presentation Boards 30'X40" Color Mounted	0	each	50.00	$0.00
Color Graphics on Foam Board	0	sq. ft.	5.00	$0.00
Custodian for Public Involvement	0	event	500.00	$0.00
Audio-Visual Equipment Rental (technician included)	0	event	1,000.00	$0.00
Env. Field Supplies (lathes, stakes, flagging, spray paint, etc.)	0	day	50.00	$0.00
Translator (Engllish to Spanish)	0	hour	150.00	$0.00
Court Reporter	0	hour	100.00	$0.00
Newspaper Advertisement	0	each	3,000.00	$0.00
Level A Potholes 0'-4.99'	0	Each	880.00	$0.00
Level A Potholes 5.0'- 7.9'	0	Each	980.00	$0.00
Level A Potholes 8.0'- 12.0'	0	each	1,130.00	$0.00
				$0.00
Other Direct Expense Total				**$962.50**