

CAMINO REAL REGIONAL MOBILITY AUTHORITY BOARD RESOLUTION

WHEREAS, the Camino Real Regional Mobility Authority (CRRMA) previously selected Huitt-Zollars, Inc. as a Consultant Engineering Team (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 (2013 CMP); and

WHEREAS, the CRRMA and the Engineer previously entered into a Contract for Engineering Services to establish the various terms and conditions applicable to future work authorizations that could be used for the Engineer to provide various design services for plans, specifications and estimates to the CRRMA as the CRRMA may be requested from time to time; and

WHEREAS, the CRRMA and the Engineer previously executed Work Authorization No. 2, in order for the Engineer to provide PS&E to the CRRMA for the Darrington Roadway Improvement Project (Project) from the 2013 CMP and the parties now desire to amend such Work Authorization for additional design services related to drainage and survey work necessary for the Project.

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

THAT the Executive Director be authorized to execute **Amendment No. 1 to Work Authorization No. 2** with Huitt-Zollars, Inc., including any additional documents or materials as may be required, as it relates to the Darrington Roadway Improvements Project.

PASSED AND APPROVED THIS 12TH DAY OF JULY 2017.

**CAMINO REAL REGIONAL
MOBILITY AUTHORITY**

ATTEST:

Susan A. Melendez, Chair

Joe R. Fernandez, Board Secretary

APPROVED AS TO CONTENT:

Raymond L. Telles
Executive Director

AMENDMENT NO. 1

**WORK AUTHORIZATION NO. 2
CONTRACT FOR ENGINEERING SERVICES**

THIS AMENDMENT NO. 1 is made pursuant to the terms and conditions of Article 5 of the Contract for Engineering Services (the "Contract") by and between the CAMINO REAL REGIONAL MOBILITY AUTHORITY (the "CRRMA"), and HUITT-ZOLLARS, INC. (the "Engineer"). This Amendment No. 1 seeks to amend the Work Authorization No. 2 dated February 18, 2016 (the "WA No. 2") , which was executed by and between the parties pursuant to the Contract for the development of the project known as Darrington Road, from Eastlake Boulevard to Pellicano Drive (the "Project").

PART I. The terms and conditions of WA No. 2 are hereby supplemented by adding the provisions and not to exceed compensation for design services during construction identified in Exhibit B-1, which is attached hereto and incorporated herein for all purposes.

PART II. This Amendment No. 1 shall become effective on the date of final execution of the Parties hereto. All other terms and conditions of WA No. 2 not hereby amended shall remain in full force and effect.

IN WITNESS WHEREOF, this Amendment No. 1 is executed in duplicate counterparts and hereby accepted and acknowledged below.

CAMINO REAL REGIONAL MOBILITY AUTHORITY

By: _____
Raymond L. Telles
Executive Director

Date: _____

HUITT-ZOLLARS, INC.

By: _____

Name: _____

Title: _____

Date: _____

Exhibit B-1

SCOPE OF WORK

I. PROJECT SUMMARY OF SUPPLEMENTAL SCOPE

Additional Professional Services will be provided by the Engineer for right-of-way and construction easement exhibits; identify existing right-of-way and boundary lines; field surveying; preparation of property plats; establishing right of way corners of the properties to be acquired; and, preparation of legal descriptions.

This work is required for additional right-of-way for Darrington Road southbound as it approaches Eastlake Boulevard to accommodate a right turn lane at that intersection. Additional right-of-way is also required for two permanent storm water ponds (Pond C and Pond E) that will be accepting flows from Darrington Road as well future subdivisions that are planned in that area. Temporary Construction Easements are required on land adjacent to Darrington Road for the full length of the project. Construction Easements are also required for construction or modification of the four storm water ponds that will be accepting runoff from Darrington Road. Additionally, changes to the engineering plans are needed due to recommendations of the developer and the MUD.

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:

A. Drainage

- Eliminate the wye connections and replace them with manholes.
 1. Plan & Profile drainage sheets
 2. Drainage design calculations
 3. Quantities (Estimate and Summary Sheets)
- Ponds
 1. Adjust plan sheets to include all of developer's recommendations for Ponds A, B, C & E.
 2. Pond details
 3. Hydraulic Computations
 4. Quantities (Estimate and Summary Sheets)
- Revise drainage system to send back runoff to Pond B.

1. Drainage Area Map
 2. Drainage plan & Profile Sheets
 3. Hydraulic Computation
 4. Drainage details
 5. Quantities (Estimate and Summary Sheets)
- Easements/New ROW/Stockpiles
 1. Plan & Profile Sheets
 - Revise Drainage Report

B. Roadway

- Add two median openings.
 1. Plan & Profile & Median Sheets
 2. Illumination Sheets
 3. Signing & Striping Sheets
- Final striping of Darrington Road by developers.
 1. Signing/Striping Sheets
 2. TCP
 3. Quantities (Estimate and Summary Sheets)
- Adjust Plan to conform elevation of existing pavement.
 1. Profile Sheets
 2. X-Section Sheets
 3. Quantities (Estimate and Summary Sheets)
- Index of Sheets
- New Standards
- Meetings

[Darrington Rd.
Ammendment 1

Company	Fee
[HZ, P]	\$91,860.56
[PSI, S1]	\$0.00
[VVInc Dar, S2]	\$0.00
[Quantum, S3]	\$0.00
[Frank X. Spencer, S4]	\$0.00
[Firm Name, S5]	\$0.00
[Firm Name, S6]	\$0.00
[Firm Name, S7]	\$0.00
[Firm Name, S8]	\$0.00
Total	\$91,860.56

**Darrington Rd.
Ammendment 1**

Task	[HZ, P]
A. Project Management	\$0.00
B. Surveying	\$4,833.89
C. Right-Of-Way Mapping	\$30,776.52
D. Geotechnical Investigations	\$0.00
E. Schematic Design	\$0.00
F. Drainage Study	\$0.00
G. Stakeholder Coordination	\$0.00
H. Plans, Specifications and Estimates (PS&E)	\$55,925.15
I. Utility Coordination	\$0.00
Sub Totals	\$91,535.56
Direct Expenses	\$325.00
Totals	\$91,860.56
Grand Total	\$91,860.56

Participation Percentage 100.00%

Total DBE Percentage: 0.00%

**Darrington Rd.
Ammendment 1**

[illegible]

**Darrington Rd.
Ammendment 1**

[illegible]

Darrington Rd.
Ammdendment 1

Task Description	SENIOR PROJECT MANAGER	SENIOR BRIDGE ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	EIT	SENIOR ENGINEERING TECHNICIAN	ENGINEERING TECHNICIAN	SENIOR CADD OPERATOR	CADD OPERATOR	ADMIN / CLERICAL (ENG)	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)	TOTAL LABOR HOURS	TOTAL LABOR COST
6. Franchise Report																					0	\$ -
6.1 Update Report	1		1	8		16															26	\$ 2,685.26
																					0	\$ -
7. Add 2 Median Openings																					90	\$ 8,378.94
7.1 Plan & Profile & Median Sheets	1			4		10				10											25	\$ 2,193.43
7.2 Illumination Sheets	1		1	4		8				8											22	\$ 2,061.06
7.3 Signing & Striping	1		1	4		8				8											22	\$ 2,061.06
7.4 Quantities	1			4		16															21	\$ 2,058.39
																					0	\$ -
8.Final Striping by developers.																					65	\$ 6,323.31
8.1 Signing & Striping Sheets	1			8		8				8											25	\$ 2,306.47
8.2 T&P	1		1	8		8				8											26	\$ 2,487.70
8.3 Quantities (Estimate/Summaries)	1		1	4		8															14	\$ 1,529.14
																					0	\$ -
																					0	\$ -
9. Adjust P & P to conform to existing pavement.																					58	\$ 5,472.56
9.1 Profile Sheets	1		1	8		8				8											26	\$ 2,487.70
9.2 X-Section Sheets	1		1	2		8				8											20	\$ 1,847.74
9.3 Quantities				4																	12	\$ 1,137.12
10. Index of Sheets																					6	\$ 672.69
10.1 Revise Index	1			1		4															6	\$ 672.69
																					0	\$ -
11. Standards																					13	\$ 637.43
11.1 Provide new standards (Drainage & Roadway)	1			4	8																13	\$ 637.43
																					0	\$ -
																					0	\$ -
																					0	\$ -
																					0	\$ -
HOURS SUB-TOTALS	29	0	18	151	8	232	0	0	0	148	0	0	0	0	0	0	0	0	0	0	586	\$ 55,925.15
CONTRACT RATE PER HOUR	\$210.79	\$0.00	\$181.23	\$106.66	\$0.00	\$88.81	\$0.00	\$0.00	\$100.76	\$66.49	\$58.93	\$50.00	\$45.68	\$21.30	\$21.30	\$0.00	\$0.00	\$0.00	\$18.00	\$58.93		Check Sum
TOTAL LABOR COSTS	\$6,112.91	\$0.00	\$3,262.14	\$16,105.66	\$0.00	\$20,603.92	\$0.00	\$0.00	\$0.00	\$9,840.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55,925.15	
% DISTRIBUTION OF STAFF HOURS	4.95%	0.00%	3.07%	25.77%	1.37%	39.59%	0.00%	0.00%	0.00%	25.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
I. Utility Coordination																					0	\$ -
1. Utility Coordination																					0	\$ -
																					0	\$ -
																					0	\$ -
																					0	\$ -
																					0	\$ -
																					0	\$ -
																					0	\$ -
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
CONTRACT RATE PER HOUR	\$210.79	\$0.00	\$181.23	\$106.66	\$0.00	\$88.81	\$0.00	\$0.00	\$100.76	\$0.00	\$58.93	\$50.00	\$45.68	\$21.30	\$21.30	\$0.00	\$0.00	\$0.00	\$18.00	\$58.93		Check Sum
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	\$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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
TOTAL PROJECT HOURS	29	0	18	151	8	232	0	0	0	148	0	0	77	202	0	80	0	0	0	0	945	\$ 91,535.56
																						Check Sum
PROJECT TOTALS	\$6,112.91	\$0.00	\$3,262.14	\$16,105.66	\$0.00	\$20,603.92	\$0.00	\$0.00	\$0.00	\$9,840.52	\$0.00	\$0.00	\$10,979.43	\$13,430.98	\$0.00	\$11,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$91,535.56	
TOTAL PROJECT % DISTRIBUTION OF STAFF HOURS	3.07%	0.00%	1.90%	15.98%	0.85%	24.55%	0.00%	0.00%	0.00%	15.66%	0.00%	0.00%	8.15%	21.38%	0.00%	8.47%	0.00%	0.00%	0.00%	0.00%		

Darrington Rd.
Ammendment 1

Other Direct Expenses	UNITS		RATE		
Lodging/Hotel (Taxes/fees not included)	0	night	160.00		\$0.00
Meals (overnight stay required)	0	day	50.00		\$0.00
Rental Car (Tax/fees not included)	0	day	100.00		\$0.00
Mileage	0	mile	0.58		\$0.00
SUV or ATV Rental	0	day	0.00		\$0.00
Air Travel	0	each	680.00		\$0.00
Parking	0	day	20.00		\$0.00
Taxi/Cab fare	0	each	0.00		\$0.00
Standard Postage	0	letter	0.49		\$0.00
Overnight express-letter size	2	each	25.00		\$50.00
Overnight express-oversized box	2	each	50.00		\$100.00
Courier Services	0	each	0.00		\$0.00
8½"X11" B/W Paper Copies	100	each	0.10		\$10.00
11"X17" B/W Paper Copies	200	each	0.20		\$40.00
8½"X11" Color Paper Copies	0	each	0.00		\$0.00
11"X17" Color Paper Copies	100	each	0.45		\$45.00
CADD Plotting	50	linear foot	1.60		\$80.00
Digital Ortho Plotting	0	linear foot	0.00		\$0.00
24 hr traffic counts	0	lump sum	2,284.90		\$0.00
Law Enforcement/Uniform Officer	0	hour/officer	0.00		\$0.00
Notebooks	0	each	0.00		\$0.00
Hazardous Materials Database Search	0	per search	0.00		\$0.00
Backhoe Rental	0	day	0.00		\$0.00
Boards for Public Meeting	0	each	0.00		\$0.00
Env. Field Supplies (lathes, stakes, flagging, spray paint, etc.)	0	day	0.00		\$0.00
Interpreter	0	hour	0.00		\$0.00
Court Reporter	0	hour	0.00		\$0.00
Newspaper Advertisement	0	each	0.00		\$0.00
Other Direct Expense Total					\$325.00

PRIME PROVIDER NAME: [HZ, P]
 CONTRACT NUMBER: [Contract Number]
 [HZ, P] (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		\$ 67.53	\$ 210.79
Senior Bridge Engineer		\$ 60.08	\$ 187.54
Senior Engineer		\$ 58.06	\$ 181.23
Project Engineer		\$ 34.17	\$ 106.66
Design Engineer		\$ 32.45	\$ 101.29
EIT		\$ 28.45	\$ 88.81
Senior Engineering Technician		\$ -	\$ -
Engineering Technician		\$ -	\$ -
Senior CADD Operator		\$ 32.28	\$ 100.76
CADD Operator		\$ 21.30	\$ 66.49
Admin / Clerical (Eng)		\$ 18.88	\$ 58.93
Survey Project Manager		\$ 50.00	\$ 50.00
Registered Professional Land Surveyor		\$ 45.68	\$ 45.68
Survey Technician		\$ 21.30	\$ 21.30
Survey Technician - GPS		\$ 21.30	\$ 21.30
2-man Survey Crew (Portal to Portal)		\$ -	\$ -
3-man Survey Crew (Portal to Portal)		\$ -	\$ -
4-man Survey Crew (Portal to Portal)		\$ -	\$ -
Flagger		\$ 18.00	\$ 18.00
Admin / Clerical (Surv)		\$ 18.88	\$ 58.93
Audited Overhead Rate:	183.77%		
Negotiated Profit Rate:	10.00%		
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.			