

**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 (WA), in order for the Engineer to provide PS&E to the CRRMA for the Darrington Roadway Improvement Project (Project) from the 2013 CMP, the parties amended such WA for additional design services related to drainage and survey work necessary for the Project and the parties now desire to further amend the WA to modify certain storm sewer designs.

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

THAT the Executive Director be authorized to execute **Amendment No. 2 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 9TH DAY OF MAY 2018.

**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. 2

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

THIS AMENDMENT NO. 2 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. 2 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-2, which is attached hereto and incorporated herein for all purposes.

PART II. This Amendment No. 2 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. 2 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-2

SCOPE OF WORK

I. PROJECT SUMMARY OF SUPPLEMENTAL SCOPE

Additional professional services will be required by the Engineer to modify the design of the storm sewer systems that will be discharging into three (3) ponds being built by the developers adjacent to Darrington Rd. The original storm sewer design was to discharge the runoff of Darrington Rd. into three temporary ponds which were going to be constructed as part of the Darrington Rd. project. Now the developers will be building two (2) of these ponds at their final location, and discharging their runoff into these ponds. With regard to the other temporary pond that will be built under this project, the developer wants to see a new alignment on the discharge line, and re-evaluate the pond location and size that was previously approved. These developments have changed the hydraulic characteristics of three of the systems that had been previously designed

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 drainage elements:

System A – Redesign and check system to the new provided HW elevation.

- Design calculations
- Iterations of usage of Pond B
- New Plan & Profile
- Quantities
- Omit Pond sheets
- Summary & Estimate

System E – Redesign and check system to the new provided HW elevation.

- Design calculations
- New plan & profile
- Omit pond sheets
- Quantities
- Summary & Estimate

System C – Revisit pond location and design

- Meetings with Developer
- Iteration of pond location
- Pond dimensions and depth
- New alignment of discharge line into pond
- Design Calculations
- New drainage easements
- New plan & profile
- New Pond details
- Quantities
- Summary & Estimate

Surveying – Additional field work

- Pond C new discharge line

- Easements into pond C
- Utility conflict resolutions
- Pond B survey

Plans – Overall new/additional changes

- General Notes
- Index
- Numbering
- Details/References

Roadway – Intersection of Darrington Rd. and Pellicano Dr.

- Move traffic signal mast arm at the NW corner close to the 120' row line.
- Add puppy tracks to direct eastbound traffic onto Pellicano Dr.

Darrington Rd.
Amendment 2

Company	Fee
[HZ, P]	\$53,892.42
[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	\$53,892.42

**Darrington Rd.
Amendment 2**

Task	[HZ, P]
A. Project Management	\$3,989.44
B. Surveying	\$11,274.60
C. Right-Of-Way Mapping	\$0.00
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)	\$35,528.98
I. Utility Coordination	\$2,276.40
Sub Totals	\$53,069.42
Direct Expenses	\$823.00
Totals	\$53,892.42
Grand Total	\$53,892.42

Participation Percentage 100.00%

Total DBE Percentage: 0.00%

[HZ, P]
[Project Name]

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)
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
TOTAL LABOR COSTS	\$7,166.86	\$0.00	\$5,618.13	\$7,892.84	\$0.00	\$12,611.02	\$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	11.45%	0.00%	10.44%	24.92%	1.35%	47.81%	0.00%	0.00%	0.00%	4.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
I. Utility Coordination																	
1. Utility Coordination																	
Additional coordination	2		2	4		12											
HOURS SUB-TOTALS	2	0	2	4	0	12	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
TOTAL LABOR COSTS	\$421.58	\$0.00	\$362.46	\$426.64	\$0.00	\$1,065.72	\$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	10.00%	0.00%	10.00%	20.00%	0.00%	60.00%	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	44	0	41	86	4	154	0	0	0	12	0	16	0	52	0	38	0
PROJECT TOTALS	\$9,274.76	\$0.00	\$7,430.43	\$9,172.76	\$0.00	\$13,676.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,497.12	\$0.00	\$3,457.48	\$0.00	\$5,320.00	\$0.00
TOTAL PROJECT % DISTRIBUTION OF STAFF HOURS	9.84%	0.00%	9.17%	19.24%	0.89%	34.45%	0.00%	0.00%	0.00%	2.68%	0.00%	3.58%	0.00%	11.63%	0.00%	8.50%	0.00%

Task Description	4-MAN SURVEY CREW (PORTAL TO PORTAL)	FLAGGER	ADMIN / CLERICAL (SURV)	TOTAL LABOR HOURS	TOTAL LABOR COST
				0	\$ -
Deliverables				0	\$ -
				0	\$ -
				0	\$ -
				0	\$ -
HOURS SUB-TOTALS	0	0	0	0	\$ -
CONTRACT RATE PER HOUR	\$0.00	\$56.19	\$58.93		Check Sum
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	
% DISTRIBUTION OF STAFF HOURS	0.00%	0.00%	0.00%		
D. Geotechnical Investigations				0	\$ -
1. Surface Exploration and Testing				0	\$ -
				0	\$ -
				0	\$ -
2. Geotechnical Design				0	\$ -
				0	\$ -
				0	\$ -
Deliverables				0	\$ -
				0	\$ -
				0	\$ -
HOURS SUB-TOTALS	0	0	0	0	\$ -
CONTRACT RATE PER HOUR	\$0.00	\$18.00	\$58.93		Check Sum
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	
% DISTRIBUTION OF STAFF HOURS	0.00%	0.00%	0.00%		
E. Schematic Design				0	\$ -
1. Data Collection				0	\$ -
				0	\$ -
				0	\$ -
2. Design Criteria				0	\$ -
				0	\$ -
				0	\$ -
3. Design Schematic				0	\$ -
				0	\$ -
				0	\$ -
4. Other Items				0	\$ -
				0	\$ -
				0	\$ -
Deliverables				0	\$ -
				0	\$ -
				0	\$ -
HOURS SUB-TOTALS	0	0	0	0	\$ -
CONTRACT RATE PER HOUR	\$0.00	\$18.00	\$58.93		Check Sum
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	
% DISTRIBUTION OF STAFF HOURS	0.00%	0.00%	0.00%		
F. Drainage Study				0	\$ -
1. Perform Drainage Study				0	\$ -
				0	\$ -
				0	\$ -
2. Coordination				0	\$ -
				0	\$ -
				0	\$ -
3. Design				0	\$ -
				0	\$ -
				0	\$ -
Deliverables				0	\$ -
				0	\$ -
				0	\$ -
HOURS SUB-TOTALS	0	0	0	0	\$ -
CONTRACT RATE PER HOUR	\$0.00	\$18.00	\$58.93		Check Sum
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	
% DISTRIBUTION OF STAFF HOURS	0.00%	0.00%	0.00%		
G. Stakeholder Coordination				0	\$ -
1. Stakeholder Involvement Activities				0	\$ -
				0	\$ -
				0	\$ -
Deliverables				0	\$ -
				0	\$ -
				0	\$ -
HOURS SUB-TOTALS	0	0	0	0	\$ -
CONTRACT RATE PER HOUR	\$0.00	\$18.00	\$58.93		Check Sum
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	
% DISTRIBUTION OF STAFF HOURS	0.00%	0.00%	0.00%		
H. Plans, Specifications and Estimates (PS&E)				293	\$ 35,528.98
1. Administrative/Coordination Meetings				24	\$ 3,524.94
1.1 Meetings				24	\$ 3,524.94
Systems A,B & C				80	\$ 8,748.20
2.1 Plan & Profile drainage sheets.				36	\$ 3,768.76
2.2 Drainage design calculations.				28	\$ 3,058.28
2.3 Quantities (Estimate/Summaries)				16	\$ 1,921.16
				0	\$ -

Task Description	4-MAN SURVEY CREW (PORTAL TO PORTAL)	FLAGGER	ADMIN / CLERICAL (SURV)	TOTAL LABOR HOURS	TOTAL LABOR COST
CONTRACT RATE PER HOUR	\$0.00	\$18.00	\$58.93		Check Sum
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$33,288.85	
% DISTRIBUTION OF STAFF HOURS	0.00%	0.00%	0.00%		
I. Utility Coordination				20	\$ 2,276.40
1. Utility Coordination				20	\$ 2,276.40
Additional coordination				0	\$ -
HOURS SUB-TOTALS	0	0	0	20	\$ 2,276.40
CONTRACT RATE PER HOUR	\$0.00	\$18.00	\$58.93		Check Sum
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$2,276.40	
% DISTRIBUTION OF STAFF HOURS	0.00%	0.00%	0.00%		
TOTAL PROJECT HOURS	0	0	0	447	\$ 53,069.42
					Check Sum
PROJECT TOTALS	\$0.00	\$0.00	\$0.00	\$50,829.29	
TOTAL PROJECT % DISTRIBUTION OF STAFF HOURS	0.00%	0.00%	0.00%		

Darrington Rd
Amendment 2

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	100	mile	0.58		\$58.00
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	500	each	0.10		\$50.00
11"X17" B/W Paper Copies	1000	each	0.20		\$200.00
8½"X11" Color Paper Copies	0	each	0.00		\$0.00
11"X17" Color Paper Copies	100	each	0.45		\$45.00
CADD Plotting	200	linear foot	1.60		\$320.00
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					\$823.00

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.			