

WORK AUTHORIZATION NO. 27.4

AMENDMENT NO. 1

This **Amendment No. 1 to Work Authorization No. 27.4** is made as of this ____ day of _____, 2019, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING ENGINEERING SERVICES, dated as of July 24, 2015, (the “Agreement”), between the Camino Real Regional Mobility Authority (“Authority”) and Atkins North America, Inc. (“GEC”). This **Amendment No. 1** is made for the purposes identified below, consistent with the services defined in the Agreement.

The Authority and the GEC previously entered into **Work Authorization No. 27.4** for the GEC to provide construction engineering and inspection services required on the National Historic Trail Sign Project. This **Amendment No. 1** is necessary for the GEC to provide additional project closeout services (i.e. exact GIS/GPS coordinates for final locations of all roadway signs placed), which were not originally contemplated within the Work Authorization. In addition, the parties identified a discrepancy within the executed Work Authorization that will be corrected through this **Amendment No. 1**. The terms and additional compensation for this **Amendment No. 1** are more fully enumerated herein.

Therefore, and in consideration of the mutual covenants and agreement between the parties, the Authority and GEC hereby agree to the following.

Section A. – Scope of Services

The scope of services originally included in **Work Authorization No. 27.4** as **EXHIBIT “A”** is hereby deleted and replaced in its entirety with those services enumerated within **EXHIBIT “A-1”** which is attached hereto and incorporated herein for all purposes.

Section B. - Schedule

There is no change to Section B from **Work Authorization No. 27.4**.

Section C. - Compensation

The Fee Estimate Summary originally included in **Work Authorization No. 27.4** as **EXHIBIT “B”** is hereby deleted and replaced in its entirety with the Fee Estimate Summary enumerated within **EXHIBIT “B-1”** which is attached hereto and incorporated herein for all purposes. In return for the performance of the obligations identified within **EXHIBIT “A-1”**, the Authority shall pay to the GEC an amount not to exceed of SEVENTY ONE THOUSAND TWENTY THREE AND 79/100 DOLLARS (\$71,023.79). Compensation shall be made in accordance with the Agreement. Invoices shall be provided by the GEC in accordance with **EXHIBIT “C”** of Work Authorization No. 27.4.

[SIGNATURES BEGIN ON THE FOLLOWING PAGE]

Except to the extent expressly modified herein, all terms and conditions of the Agreement and Work Authorization No. 27.4 shall continue in full force and effect.

Authority: Camino Real Regional Mobility
Authority

GEC: Atkins North America, Inc.

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

Signature: _____
By: _____
Title: _____
Date: _____

CAMINO REAL RMA
EXHIBIT A-1
WORK AUTHORIZATION NO. 27.4

Atkins (the “GEC”)

SERVICES TO BE PROVIDED BY THE GEC

INTRODUCTION

The scope of this **Work Authorization No. 27.4** covers the services requested of the GEC for construction oversight for the El Camino Real De Tierra Adentro National Historic Trail Construction Project a 2013 El Paso County Comprehensive Mobility Plan project. The services requested herein are in support of the Interlocal Agreement VRF Project Development Agreement for the 2013 El Paso County Comprehensive Mobility Plan project between the Authority and County of El Paso. At the completion of this scope of services, the GEC will provide construction records documenting the adherence by the construction contractor to the required plans, and specifications of the construction contract.

Payment for work performed under this work authorization is subject to the Agreement for General Engineering Consulting Services between the Authority and the GEC.

Construction Oversight Services

The GEC will provide professional services associated with construction oversight including the construction engineering and inspection and testing in accordance with the Interlocal Agreement. The GEC will provide qualified technical and professional personnel to perform these services including LGPP certified personnel. The GEC shall not interfere with the Contractor's work effort or productivity. Construction oversight by the GEC will not relieve the Contractor of sole responsibility for the means and methods of the construction of the Project.

In performing this task, the GEC shall not direct, manage, or control the Contractor's work activities. Construction oversight efforts will focus on coordination with the Contractor's construction process to provide monitoring and oversight of reasonable compliance with contract obligations, sound engineering practices and regulatory requirements. The following tasks are included:

1. Task 1 - Construction Project Management (County)

- a. Construction Management Services
 - CRRMA and County status updates
 - Construction schedule meetings & review
 - Daily construction oversight and reporting
 - Daily work report preparation and submittal
 - Construction records management
 - Review, inspection and reporting of Contractor Traffic control plan
 - Attend project meetings and meeting minutes review
 - Contractor draw requests preparation and review
 - Change orders preparation and review
 - RFI's and NDC's review and processing

- Materials acceptance testing and reporting
 - Inspection and reporting of installed work
 - Material on hand processing
 - Material submittal review and approval
 - Maintain correspondence log
 - Maintain receive items log
- b. Utility Coordination
- Meetings with utility owner, County of El Paso
 - Correspondence with owner
 - Utility Agreement review
 - Field visits

2. Task 2 - Construction Closeout Services (County)

- a. Verification and documentation of contract requirements adherence
- b. As-Built drawings
- c. Material Testing Summary and
- d. Construction records closeout
- e. Final estimate
- f. Take actual field coordinate readings throughout the project for all signs;
- g. Create a GIS/GPS coordinate log for all the final sign locations;

3. Task 3 - Project Controls

- a. Prepare monthly invoice for the project including a progress report for the work completed the previous period

4. ASSUMPTIONS

a. Services Provided by Others

This work authorization assumes the following activities will be provided by others or have already occurred:

- Environmental documents
- Preliminary design services to produce schematic design
- PS&E
- ROW acquisition
- ROW mapping revisions/updates necessitated by design
- Utility design
- Any and all hazardous material mitigation
- Construction

b. Schedule

The Work Authorization assumes a 3 month project schedule for the county work. If the Contractors' schedule is delayed beyond reasonable expectations, the budget provided in Exhibit B may not cover all GEC project expenses and a supplemental work authorization maybe required.

c. Funding Source

This work authorization assumes the Projects is funded entirely from local funds.

d. **Staff Labor and Overhead Rates**

Hourly rates and overhead rates shown in Exhibit B are estimates or averages used for the purpose of establishing the not to exceed budget for this work authorization. The actual rates used will be in accordance with Section 4, Compensation in the Agreement.

[END OF EXHIBIT]

FEE ESTIMATE SUMMARY
EXHIBIT B-1 **2-13-19**

**Work Authorization No. 27.4 Construction Engineering and Inspection
Camino Real De Tierra Adentro National Historic Trail**

<u>TASK</u>	<u>TOTAL</u>
TASK 1 CONSTRUCTION PROJECT MANAGEMENT	\$ 51,949.40
TASK 2 PROJECT CLOSEOUT SERVICES	\$ 11,526.80
TASK 3 PROJECT CONTROLS	\$ 3,255.59
Other Direct Costs	\$ 4,292.00
TOTAL	\$ 71,023.79

Month		Est. 1	Est. 2	Est. 3	Est. 4	Total Dollars
TASK 1 Construction Project Management						
Project Manager	Project Supervision	\$ 2,329.63	\$ 2,329.63	\$ 2,329.63	\$ 2,329.63	\$9,318.54
Project Engineer	Resident Engineer	\$ 3,992.84	\$ 3,992.84	\$ 3,992.84	\$ -	\$11,978.53
Project Administration	Record Audit	\$ 995.36	\$ 995.36	\$ 995.36	\$ 995.36	\$3,981.44
Rosita Vasquez	Record Keeping	\$ 1,254.42	\$ 1,254.42	\$ 1,254.42	\$ 2,822.44	\$6,585.70
						\$31,864.20
Inspection of work in progress						
Inspector 1	ECM Field Inspection	\$ 4,799.30	\$ 4,799.30	\$ 4,799.30	\$ 4,799.30	\$19,197.20
Senior Project Engineer	CQC Testing	\$ -	\$ -	\$ -	\$ -	\$0.00
Project Engineer	CQC Testing	\$ 300.00	\$ 150.00	\$ 150.00	\$ -	\$600.00
Field & Lab Tech III	CQC Testing	\$ -	\$ -	\$ -	\$ -	\$0.00
Clerical	CQC Testing	\$ 288.00	\$ -	\$ -	\$ -	\$288.00
						\$20,085.20
						\$51,949.40
TASK 2 PROJECT CLOSEOUT SERVICES						
Project Engineer		\$ -	\$ -	\$ -	\$ 11,526.80	\$11,526.80
						\$11,526.80
TASK 3 PROJECT CONTROLS						
Admin		\$ 813.90	\$ 813.90	\$ 813.90	\$ 813.90	\$3,255.59
Project Engineer						
						\$3,255.59
Other Direct Costs						
						Total
Vehicles		\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	\$1,000.00
Testing		\$ 823.00	\$ 823.00	\$ 823.00	\$ 823.00	\$3,292.00
						\$4,292.00
Total All Items						\$71,023.79

[END OF EXHIBIT]