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## *Authority Board* **STAFF REPORT**

**Meeting Date:** June 21, 2023

<b>Subject</b>	<b>NEW ITEM: State Route 4 Mokelumne Bike Trail/Pedestrian Overcrossing (Project 5002b): Program and Project Management (PPM) Services for the Construction Program – Authorization to Execute Amendment No. 4 to Agreement No. 521 with Cole Management &amp; Engineering, Inc. (CME) for Additional PPM Services</b>
<b>Summary of Issues</b>	<p>In May 2019, the Authority Board entered into Agreement No. 521 with CME in the amount of \$3,546,800.99 to provide PPM services for the Construction Program.</p> <p>In May 2022, Amendment No. 1 to Agreement No. 521 with CME was approved to extend the agreement termination date to June 30, 2024, to provide additional PPM services.</p> <p>In October 2022, Amendment No. 2 to Agreement No. 521 with CME was approved in the amount of \$144,484.19, for a new total agreement value of \$3,691,285.18, to provide additional PPM services.</p> <p>In November 2022, Amendment No. 3 to Agreement No. 521 with CME was approved in the amount of \$758,597, for a new total agreement value of \$4,449,882.18, to provide additional PPM services.</p> <p>Due to issues encountered in oversight and management of the State Route 4 (SR4) Mokelumne Bike Trail/Pedestrian Overcrossing (POC) (Project 5002), Amendment No. 4 to Agreement No. 521 with CME is now required.</p>

<b>Recommendations</b>	Staff seeks authorization for the Chair to execute Amendment No. 4 to Agreement No. 521 with CME in the amount of \$897,030.72, for a new total agreement value of \$5,346,912.90, to provide additional PPM services, and to allow the Executive Director or designee to make any non-substantive changes to the language.
<b>Staff Contact</b>	Ivan Ramirez
<b>Financial Implications</b>	Funding is provided by Regional Measure 3. In May 2023, a Letter of No Prejudice for the cost increase was approved by the Metropolitan Transportation Commission.
<b>Options</b>	The Authority Board could elect to not approve this request. However, it may delay the delivery of the Construction Program.
<b>Attachments</b>	<p><b>A.</b> Amendment No. 4 to Agreement No. 521</p> <p><b>B.</b> Letter from CME, dated May 24, 2023</p> <p><b>C.</b> Historical Summary</p>
<b>Changes from Committee</b>	N/A

## Background

In May 2019, the Authority Board approved Agreement No. 521 with CME to provide PPM services for the Construction Program. The term of the agreement was from July 1, 2019 to June 30, 2022, with the option to extend the agreement.

In May 2022, Amendment No. 1 to Agreement No. 521 was approved to provide additional PPM services and extend the agreement termination date from June 30, 2022 to June 30, 2024.

In October 2022, Amendment No. 2 to Agreement No. 521 was approved to provide constructability review, biddability, and final review services for the Interstate 680 (I-

680)/SR4 Interchange Improvements, Phases 1, 2A, and 4 (Project 6001b) increasing the agreement amount by \$144,484.19, for a new total agreement value of \$3,691,285.18.

In November 2022, Amendment No. 3 to Agreement No. 521 was approved adding funds to support the I-680/SR4 Interchange Improvements, Phase 3 (Project 6001a) and SR4 Mokelumne Bike Trail/POC (Project 5002) increasing the agreement amount by \$758,597, for a new total agreement value of \$4,449,882.18.

CME is currently supporting the Authority on multiple projects, which include the following:

- I-680/SR4 Interchange Improvements, Phase 3 (Project 6001a)
- SR4 Widening to four (4) lanes, Laurel Road to San Creek Road, SR4 Mokelumne Bike Trail/POC (Project 5002)
- I-680 High Occupancy Vehicle Lane Conversion and Express Lanes (Project 8001)
- I-680/SR4 Interchange Improvements, Phases 1, 2A, and 4 (Project 6001b)

#### **State Route 4 (SR4) Mokelumne Bike Trail/Pedestrian Overcrossing (POC) (Project 5002)**

After the project began, a series of issues were encountered that extended the duration of the project by an estimated 142 working days. A summary of the issues are as follows:

##### Time Impact Analysis (TIA) No. 1: Garlic Field & Wet Soil

The property owner of a Temporary Construction Easement (TCE) for the project planted and irrigated the TCE after the project began. This prevented the contractor from constructing Abutment No. 1 until the soil dried out.

##### TIA No. 2: Lane Closure System

The contractor was unable to submit lane closure requests on the State Highway System due to the extended duration it took for the California Department of Transportation to approve the contractor's account.

##### TIA No. 3: Nesting Bird at Bent 5

A species of interest nested at Bent 5 requiring the contractor to alter operations, which impacted the project schedule.

TIA No. 4 – Shear Key/Deck Grade Issues

A series of design-related issues related to shear key and inaccurate deck grade impacted the construction schedule.

A letter was received by CME, dated May 24, 2023, requesting an increase in budget by \$897,030.72, for additional costs due to various impacts to the project, which extended the project schedule by 102 working days.

Below is a summary of approved construction management costs associated with the project:

- Original Contract – \$963,732.80
- Amendment 3 – \$396,048.00
- Current Allocation – \$1,359,780.80

Staff seeks authorization for the Chair to execute Amendment No. 4 to Agreement No. 521 with CME in the amount of \$897,030.72, for a new total agreement value of \$5,346,912.90, to provide additional PPM services, and to allow the Executive Director or designee to make any non-substantive changes to the language.