

## Authority Board **STAFF REPORT**

**Meeting Date:** December 15, 2021

<p><b>Subject</b></p>	<p><b>NEW ITEM: Interstate 680 (I-680)/State Route 4 (SR4) Interchange Improvements, Phases 1 and 2A (Project 6001) – Authorization to Execute Amendment No. 2 to Agreement No. 504 with Quincy Engineering, Inc. (Quincy) for Environmental and Engineering On-Call Services</b></p>
<p><b>Summary of Issues</b></p>	<p>In September 2018, the Authority contracted with six (6) consulting firms to provide environmental and engineering on-call services. The on-call agreements were approved with an amount not-to-exceed \$5,000,000, and a two-year term with the option to extend for two, one-year terms.</p> <p>On September 16, 2020, the Authority Board approved Amendment No. 1 to Agreement No. 504 with Quincy to extend the agreement termination date for the optional two, one-year terms.</p> <p>To ensure an expected and acceptable level of quality is achieved on transportation projects and programs administered and implemented by the Authority, the Authority Board adopted a Quality Assurance Program (QAP) in May 2021. The I-680/SR4 Interchange Improvements project is a high profile and complex project that requires verification of satisfactory performance of tasks and activities necessary to deliver a project with a higher level of quality, cost effectiveness, and timely delivery. Quincy was selected to conduct independent review of the project development documents as required by the Authority’s QAP. The goal is to deliver a higher quality project and prevent deficiencies in the</p>

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<b>Recommendations</b>	<p>design documents that can lead to costly changes during construction.</p> <p>Staff seeks authorization to execute Amendment No. 2 to Agreement No. 504 with Quincy to extend the agreement termination date from October 18, 2022 to December 31, 2024, and to allow the Executive Director or designee to make any non-substantive changes to the language. Staff also seeks authorization to issue Task Order No. 1 to perform an independent review of the project documents and major submittals to the California Department of Transportation as required by the Authority’s adopted Quality Assurance Program, along with other services in an amount not-to-exceed \$175,000.</p>
<b>Staff Contact</b>	Ivan Ramirez
<b>Financial Implications</b>	Funding for this work is provided by Senate Bill 1 (SB1), Trade Corridor Enhancement Program (TCEP), and Measure J.
<b>Options</b>	The Authority Board could elect to not approve this request; however, this action would require the Authority to procure another firm to complete the required services, which would delay the project.
<b>Attachments</b>	<p><b>A.</b> Amendment No. 2 to Agreement No. 504</p> <p><b>B.</b> Task Order No. 1</p> <p><b>C.</b> Historical Summary</p>
<b>Changes from Committee</b>	N/A

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**Background**

In September 2018, the Authority Board contracted with six (6) consulting firms to provide environmental and engineering on-call support services. The on-call agreements were

approved with an amount not-to-exceed \$5,000,000, and a two-year term with the option to extend for two, one-year terms. On an as-needed basis, the consultants have been providing services with specific performance and schedule by assignments of individual task orders, which have been approved by Authority staff.

In 2018, the Authority prepared a Next Phase Study (Study) to determine which phase(s) of the project the Authority should proceed with. The Study updated the traffic data along with the cost of each phase and prepared a comparison of the benefits and costs of each phase. Phases 1 and 2A scored the highest in return on investment.

Phase 1 will construct the following:

- A two-lane flyover direct connector from Northbound (NB) I-680 to Westbound (WB) SR4, which will include ramp metering.
- Remove the existing NB I-680 to WB SR4 loop.
- Construct auxiliary lanes along WB SR4 and NB I-680.
- Add a slip ramp from NB I-680 to Pacheco Boulevard.

Phase 2A will construct the following:

- Extend the southbound I-680 collector-distributor ramp.
- Install a ramp metering facility.

In August 2020, the Authority applied for an SB1-TCEP grant with the California Transportation Commission (CTC), in the amount of \$18,000,000, to complete the design phase of the project. The grant requires 30% (\$8,000,000) in matching funds. The matched funds were assumed to be from Regional Measure 3 (RM3).

On September 16, 2020, the Authority Board approved Amendment No. 1 to Agreement No. 504 with Quincy to provide environmental and engineering services, extending the termination date for the optional two, one-year terms thus extending the termination date to October 18, 2022.

In December 2020, the CTC awarded an \$18,000,000 SB1-TCEP grant to the Authority for the I-680/SR4 Interchange Improvements, Phases 1 and 2A project with the stipulation that construction had to start in February 2024.

RM3 wasn't available in time to meet this SB1-TCEP schedule. In January 2021, the Authority Board approved an \$8,000,000 Letter of No Prejudice to utilize Measure J funds in place of RM3 funds in order to fully fund the design phase and provide matching funds for the SB1-TCEP grant.

In May 2021, the Authority Board approved Amendment No. 2 to Agreement No. 503 with WMH Corporation to provide environmental revalidation and final design for the I-680/SR4 Interchange Improvements, Phases 1 and 2A project. Also, the Authority Board approved the adoption of the QAP to ensure an expected and acceptable level of quality is achieved on transportation projects administered by the Authority.

Based on the level of complexity of the project, the QAP requires the independent review of certain project deliverables by an independent consultant. Staff selected Quincy to perform this independent review task as Quincy is familiar with the project area, California Department of Transportation (Caltrans) requirements, and design standards and requirements. Staff confirmed that Quincy has no conflicting interest in performing this task.

Staff seeks authorization to execute Amendment No. 2 to Agreement No. 504 with Quincy to extend the agreement termination date from October 18, 2022 to December 31, 2024, and to allow the Executive Director or designee to make any non-substantive changes to the language. Staff also seeks authorization to issue Task Order No. 1 to perform independent review of the project documents and major submittals to Caltrans as required by the Authority's adopted QAP, along with other services in an amount not-to-exceed \$175,000.