



**ITEM ID:** 2023-146-0

**TRANSMITTAL DATE:** April 7, 2023

**MEETING DATE:** April 14, 2023

**TO:** Contracts, Operations, Maintenance, and Safety Committee

**FROM:** Justin Fornelli, Chief, Program Delivery

**SUBJECT:** Single Source Contract with Jacobs Engineering Group Inc. for Design Support During Construction of the San Juan Creek Bridge

### **Issue**

Staff is requesting approval to execute a single source contract for Design Support During Construction (DSDC) for the San Juan Creek Bridge Replacement project with Jacobs Engineering Group, Inc. (Jacobs). Jacobs is not on the Authority's current on-call engineering bench, thus necessitating a sole source contract to provide DSDC for the Project.

### **Recommendation**

It is recommended that the Committee recommend the Board authorize the Chief Executive Officer to execute Single Source Contract No. E752-23 for Design Support During Construction of the San Juan Creek Bridge with Jacobs Engineering Group, Inc. for a five-year base term and a not-to-exceed contract authorization of \$940,547.11.

### **Strategic Commitment**

This report aligns with the Strategic Business Plan commitments of:

- **Safety is Foundational:** SCRRRA will ensure a safe operating environment by replacing the existing San Juan Creek Bridge build in 1917, with a new bridge that will continue serving the LOSSAN corridor.
- **Advancing Key Regional Goals:** Construction of a new San Juan Creek Bridge is critical State of Good Repair project that will serve Orange County and the LOSSAN Corridor, which includes serving existing Amtrak and Freight trains for the next 100

years.

## **Background**

The Authority, in cooperation with the Orange County Transportation Authority (OCTA) proposes to replace the existing San Juan Creek Bridge in the City of San Juan Capistrano with a new bridge on the LOSSAN corridor. The LOSSAN rail corridor serves Metrolink's Orange County and Inland Empire - Orange County Lines, Amtrak intercity trains, and BNSF Railway freight trains and is identified as the second most heavily traveled intercity passenger rail corridor in the nation. The proposed project would replace the existing bridge constructed in 1917, which has surpassed its life expectancy and the current load capacity is below expected future load demands.

San Juan Creek Bridge design, completed in 2020, includes the full replacement of the existing bridge with a new three span 347-foot thru-plate girder bridge built to the west of the existing bridge. The design also includes a new 38-foot steel girder bridge over the existing Vereda Bikeway.

## **Discussion**

Jacobs is uniquely qualified to provide the DSDC services as they completed the original design of the project in 2020 when they were on the Authority's previous on-call engineering bench contract, and they have direct practical knowledge of the project origins and details.

In 2015, Jacobs was selected through a competitive, best qualification process on Metrolink's E740 General Engineering Services on-call bench contract. The competitive process followed the requirements of the Brooks Act for all aspects of design services, including the DSDC phase of services. However, due to delays incurred from right-of-way acquisition and environmental permitting, construction has not commenced. In addition, the bench contract Jacobs was selected under has since expired. Jacobs no longer has an available contracting route with Metrolink to provide the DSDC services for the project other than a single-source contract. Since Jacobs completed all design work successfully and is the designer of record, it is necessary for them to provide the DSDC services to ensure the successful delivery of the construction phase of the project.

The design support during construction scope includes the following:

- Support Invitation for Bid process,
- Prepare conformed drawings,
- Provide technical specifications,
- Support project bidding process,
- Provide environmental monitoring support,
- Attend bridge construction progress meetings,
- Respond to project requests for information,
- Review contractor submittal joint with SCRRA responsible departments.

## **Procurement Process:**

On November 14, 2022, Program Delivery initiated a Single Source Justification (SSJ) Form to procure

DSDC services for the San Juan Creek Bridge to Jacobs Engineering. CPMM followed the Single Source procurement process and routed for approval through CPMM, CFO, Legal and the CEO.

Detailed information as to why Jacobs was uniquely qualified to provide the DSDC services was adequately provided, and the Chief Executive Office approved the Single Source request on November 22, 2022. On January 6, 2023, the authority issued RFP E752-23, a single source procurement to Jacobs for the San Juan Creek Bridge Replacement DSDC.

On February 1, 2023, Jacobs submitted to authority their technical proposal and cost proposals. On February 9, 2023, negotiations meeting was held and the authority requested consultant to submit a revised cost estimate for the San Juan Creek Bridge Replacement DSDC project to obtain more favorable final pricing terms. On March 20, 2023, SCRRA agreed and approved Jacobs' final cost proposal.

### **Budget Impact**

The amounts for which contract authority is requested are included in Cooperative Agreement No. C-0-2540, between OCTA & the Authority, which fully funds the project through FTA grants and State funding sources. The San Juan Creek Bridge Project was approved for \$38,261,522 in the FY2018-2019 Adopted Capital Budget.

### **Next Steps**

Upon Board approval, the single source contract will be executed, and staff will provide a Notice to Proceed to Jacobs to begin DSDC services for the San Juan Creek Bridge Replacement project.

Prepared by: Deborah Suazo-Davila, Project Manager - Railroad Civil Engineer II  
Aaron Azevedo, Assistant Director, Rehabilitation  
Sharon Williams, Contract Administrator  
Fred Leung, Principal Contract Administrator

Approved by: Justin Fornelli, Chief Program Delivery  
Arnold Hackett, Chief Financial Officer