TO: Board of Supervisors  
FROM: Ken Grehm, Director of Public Works  
By: Alice Atherton, Associate Civil Engineer  

DATE: January 29, 2019

SUBJECT: Engineering / Award Construction Contract / Bridgeway Civil Constructors, Inc. / Bridge Rehabilitation Project on Bowman Road at Union Pacific Railroad

ACTION REQUESTED
Adopt a Resolution awarding Construction Contract No. 000931 to the lowest responsive and responsible bidder, Bridgeway Civil Constructors, Inc. of Vacaville, CA for the construction of the Bridge Rehabilitation Project on Bowman Road at Union Pacific Railroad in the amount of $3,561,283.60 upon County Counsel and Risk Management concurrence; and authorizing the Director of Public Works, or designee, to execute change orders up to $190,564 as needed. This contract is funded with $3,152,804 Federal Highway Bridge Program funds and $408,480 Federal Regional Surface Transportation Program funds.

BACKGROUND
The Department of Public Works is proposing to rehabilitate two existing bridges on Bowman Road which cross the Union Pacific Railroad (UPRR) tracks. The proposed projects will rehabilitate and repair the deteriorating bridge decks, strengthen the bridge piers, abutments, and girders, and widen the bridges to current standards. This project will construct sidewalks on the bridge and roadway approaches as well as provide additional shoulder width for bicycles. Each bridge is associated with a separate Federal Highway Bridge Program (HBP) project.

On September 25, 2018, your Board approved plans and specifications and authorized solicitation of bids for this project. The Department of Public Works enlisted the assistance of the Procurement Services Division to develop Bid No. 100127. The bid was advertised in accordance with the Public Contract Code and posted online at the Public Purchase website. Bid notifications were emailed to over five hundred (500) firms, including minority and women’s business enterprises, and nineteen (19) building and bid exchanges. One hundred forty four firms (144) accessed the documents, and formal responses were received from five (5) firms. Upon evaluation of the bid responses, Procurement Services determined that Bridgeway Civil Constructors, Inc. was the lowest responsive and responsible bidder with a total bid of $3,561,283.60. No bid protests were received.

The low bid was approximately 28% over the engineer’s estimate of probable construction cost. The Department performed a bid analysis and determined that the increased cost was attributed to two primary factors. First, some work items related to roadway construction were bid higher than anticipated due to the high demand of work associated with SB1 funded project delivery. Second, higher risk bid items associated with construction directly adjacent to the railroad and specialty work associated with rehabilitating the existing bridge were bid at a premium. However, the bid consistency, spread between high and low bidders, and low relative difference between the first and second bidders lend confidence that the bid accurately represents the cost of the work and that rebidding the project would not likely result in a cost savings. Furthermore, rehabilitating the existing bridges is still the most cost effective solution. Caltrans agreed that the additional cost is eligible for federal aid; therefore, the project is fully funded with the additional cost.
The Department of Public Works is requesting that the Board award the contract to the lowest responsive and responsible bidder. Procurement Services concurs with the recommendation of contract award to Bridgeway Civil Constructors, Inc. Construction is tentatively planned to begin in Spring 2019 and be completed by the end of the year.

ENVIRONMENTAL IMPACT
A Categorical Exemption pursuant to the California Environmental Quality Act (CEQA) was filed with the County Clerk Recorder on March 1, 2013 and the State Clearinghouse on March 5, 2013. The revalidated NEPA Categorical Exclusion Determination was approved by Caltrans on August 11, 2016 in compliance with the National Environmental Policy Act (NEPA).

FISCAL IMPACT
The project is budgeted in the Department of Public Works and Facilities FY 2018-19 Final Budget, Engineering Division, under projects PJ00505 and PJ00506, Bridge Rehabilitation Project on Bowman Road over UPRR. This contract is funded with $3,152,804 Federal Highway Bridge Program funds and $408,480 Federal Regional Surface Transportation Program funds. This is a multi-year project. The Department anticipates contract expenditures of $1,500,000 in FY 2018-19 and the remainder will be budgeted and expended in future fiscal years.

ATTACHMENTS
Resolution
Vicinity and Location Map

On file with Clerk of the Board: Construction Contract No. 000931
Before the Board of Supervisors  
County of Placer, State of California

In the matter of: A resolution awarding Construction Contract Number 000931 to Bridgeway Constructors, Inc., for the construction of the Bridge Rehabilitation Project on Bowman Road at Union Pacific Railroad in the amount of $3,561,283.60 upon County Counsel and Risk Management concurrence, and authorizing the Director of Public Works, or designee, to execute change orders up to $190,564.

Resolution No.: ____________

The following Resolution was duly passed by the Board of Supervisors of the County of Placer at a regular meeting held January 29, 2019, by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Chair, Board of Supervisors

Attest:

Clerk of said Board

BE IT RESOLVED, by the Board of Supervisors, County of Placer, State of California, that this Board awards Construction Contract Number 000931 to the lowest responsive and responsible bidder, Bridgeway Constructors, Inc., for the construction of the Bridge Rehabilitation Project on Bowman Road at Union Pacific Railroad in the amount of $3,561,283.60 upon County Counsel and Risk Management concurrence, and authorizes the Director of Public Works, or designee, to execute change orders up to $190,564.