



CALAVERAS COUNTY BOARD OF SUPERVISORS AGENDA SUBMITTAL

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| Short Name/Subject 2017 Winter Storms - Gwin Mine Road Repair Project CM | Board Meeting Date September 8, 2020 | Agenda Number 19 |
| Dept: Public Works Contact: Joshua Pack Preparer: Mark D. Ksenzulak Phone: (209) 754-6402 | Supervisory District Number District 2 | |
| Published Notice Required? No Public Hearing Required? No | | Estimated Time: 0 Minutes |
| Type of Document? Non Resolution Agreement PowerPoint Presentation Included? No Budget Transfer Included (Must be signed by Auditor)? No Complete Agreement Required? No Position Allocation Change? No | | |

RECOMMENDATION:

1) Award RFP 20-0920-04-925 for the construction management of the Gwin Mine Road Repair Project; 2) Authorize the Board Chair to execute an Agreement with UNICO Engineering, Inc. for Construction Management Services related to the Gwin Mine Road Repair Project resulting from 2017 winter storms in an amount not to exceed \$251,977.89 for the term of September 8, 2020, through December 31, 2021; and 3) Authorize the Auditor-Controller to process associated budget transfers increasing budget appropriations for the construction management and construction of the Gwin Mine Road Repair Project requiring a 4/5 affirmative vote of the Board.

DISCUSSION/SUMMARY:

During the winter of 2017, Calaveras County experienced severe winter storms, heavy rains, high winds, flooding, mudslides and storm surge. Calaveras County incurred damage to the road system located at Gwin Mine Road over an approximate length of 1.5 miles resulting in a road closure. The road has since been reopened. Several places along Gwin Mine Road have steep uphill side slopes that eroded, resulting in debris sliding onto the road surface. The streambank along the downhill side of Gwin Mine Road also eroded in several places causing washouts resulting in portions of the road to collapse. High velocity flood waters caused erosion and siltation at three 36" culverts, approximately 32 linear feet in length each.

Gwin Mine Road provides parallel capacity to State Route 49 (the main road access north and south through Calaveras County), emergency access for fire protection and prevention, access to water supply infrastructure (East Bay Municipal Utility District [EBMUD]), access to ranching operations and recreational facilities. Gwin Mine Road provides critical access for emergency responders.

The repair work along Gwin Mine Road will occur within five discrete areas that total 2.5 acres. Two landslides upslope of the road were relatively small slumps onto the roadway and shoulder and will be repaired with minor grading, removal of fallen material and stabilization through hydroseeding and erosion control fabric. Three landslides downslope of the road slid towards the intermittent drainage below the road, and the repair of all of these slides will involve the installation of Hilfiker panels, which are designed to retain native soils, allow for natural

subdrainage, and minimize impacts to the surrounding vegetation. At Gwin Mine Road a storm-damaged three-pipe culvert and associated armoring will be replaced, and the sediment that has built up within 20 feet upstream and downstream of the crossing will be removed.

On April 28, 2020 the Board of Supervisors adopted Plans and Specifications for the construction of the Gwin Mine Road Repair and authorized the Department of Public Works to solicit construction bids for this project. On July 8, 2020 the Department of Public Works released an Invitation to Bid 20-0930-013-912 for the construction of this project. Two bids were received, and a final contract is being awarded. Also, on July 8, 2020 the Department released mini-RFP 20-0920-04-925 for Construction Management Services for this project. Two proposals were received and were evaluated based on the criteria outlined in the mini-RFP.

UNICO Engineering, Inc. was deemed to have the most successful proposal. The Department of Public Works recommends that UNICO Engineering, Inc. be awarded the contract. At this time, construction is anticipated to be completed this year. The termination date of December 31, 2021, has been provided for the purpose of project close out by the County and FEMA; this date does not control the completion of the construction work.

FINANCING:

Budget transfers increasing budget appropriations in the 2017 Winter Storm (DR4308) budget unit (10100940-4721/5271) and the Road Impact Mitigation (RIM) Special Revenue Fund (55780000-7001/5990) in the amount of \$646,672 are necessary to fully fund the contractual obligations of this project. The costs of these projects are higher than anticipated during the preliminary budget process, which is the reason for the request to increase appropriations.

The Department of Public Works provides fiscal oversight and project administration for this project.

Reimbursement for this project shall be sought as follows:

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|---------------------|--------|
| FEMA | 75.00% |
| CalOES | 18.75% |
| County General Fund | 6.25% |

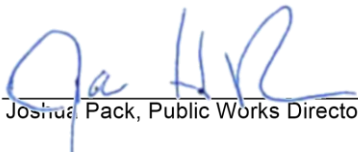
ALTERNATIVES:

The Board may choose to do any of the following:

1. Support the Department's recommendation;
2. Continue the item to another date for further consideration. This action is not recommended unless the Board specifically requests additional information which cannot be obtained during this meeting; or,
3. Deny the request. This is not recommended, as project completion and any federal funds that have been authorized would be put at risk.

APPROVED BY:

2017 Winter Storms - Gwin Mine Road Repair Project CM
September 8, 2020



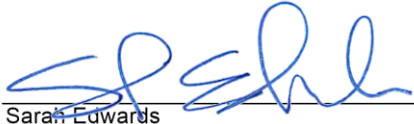
Joshua Pack, Public Works Director

8/21/2020



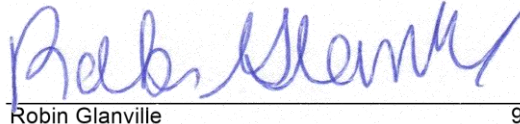
Albert Pitt, County Administrative Officer

8/25/2020



Sarah Edwards

8/31/2020



Robin Glanville

9/1/2020