



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Public Works
Department No.: 054
For Agenda Of: April 9, 2019
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors
FROM: Department Director: Scott D. McGolpin, Public Works Director, 568-3010
Contact Info: Chris Sneddon, Deputy Director, Transportation, 568-3064
SUBJECT: East Mountain Drive Rockfall Attenuator System Project; County Project No. 18104C; First Supervisorial District

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- a) Approve plans and specifications for Construction of East Mountain Drive Rockfall Attenuator Project, Project No. 18104C; First Supervisorial District;
- b) Award the attached construction contract in the amount of \$187,607.50 to the lowest responsible bidder, Sunquest General Engineering, Inc. (not a local Vendor), 16128 Fruitvale Road, Valley Center, CA 92082, subject to the provision of documents and certifications, as set forth in the specifications applicable to the project, as required under California Law;
- c) Approve and authorize the Chair to execute the attached construction contract, which has been reviewed and approved by County Counsel, Auditor-Controller and Risk Manager, or their authorized representatives;
- d) Authorize the Director of Public Works or designee to approve change orders for a contingency amount up to \$18,760.75 for the East Mountain Drive Rockfall Attenuator Project, for a total not to exceed authorization of \$206,368.25; and
- e) Determine the project was found by the Board to be exempt from the provisions of the California Environmental Quality Act pursuant to 14 CCR 15269 (d) on November 6, 2018 (as the proposed project was undertaken, carried out, or approved by a public agency to maintain, repair, or restore an existing highway damaged by fire, flood, storm, earthquake, land subsidence, gradual earth movement, or landslide, and is initiated within one year of the damage occurring and that the proposed project is therefore exempt from California Environmental Quality Act), a Notice of Exemption was filed on that basis, and the proposed action is within the scope of the above referenced Notice of Exemption.

Summary Text:

This item is on the agenda to award a construction contract. On February 14, 2019, ten (10) bids were opened for the East Mountain Drive Rockfall Attenuator System Project (“Project”); County Project No. 18104C. Sunquest General Engineering, Inc. submitted the lowest responsible bid in the amount of \$187,607.50, which is 14.6% below the Engineer’s Estimate. The second lowest bid is 2.3% below the Engineer’s Estimate.

This project was bid in accordance with the Public Contract Code, which requires the award go to the lowest responsible bidder. The Department analyzed the bids and determined the low bid is responsive and responsible. The Department recommends awarding this contract to Sunquest General Engineering, Inc.

Background:

The Project is located on East Mountain Drive, approximately 3350 feet northwest of Ashley Road, in Montecito. The project involves the construction of a long-term solution to the rockfall hazard that destabilized the upslope embankment and damaged roadway surfacing at the project site. The project proposes to construct a rockfall attenuator system along the slope as well as a flexible rockfall barrier at the roadway elevation. The combination of these two installations will reduce potential rockfall impacts to the traveling public. The rockfall attenuator system will have an elevated entrance to capture the majority of rockfall from the unstable slope high above the roadway and allow for ease of clean-up and repairs to the system. The flexible rockfall barrier acts as a catchment for all rockfall caught in the attenuator system, as well as a secondary barrier should the slope sustain a large magnitude rockfall event. Approximately 85 linear feet of existing roadway embankment will be protected by this system, which is the width of the current rockfall chute.

The prolonged intense rainfall events in January and February of 2017 caused the embankment slope above the roadway to destabilize, and localized rockfall events occurred at this location. This segment of roadway was temporarily closed until the rockfall was removed and an 80-foot long flexible rockfall barrier was constructed along the toe of the slope. As a result of the Thomas Fire, this area was denuded of vegetation, and rockfall activity increased at this location. The flexible rockfall barrier was damaged, but was otherwise effective. The County repaired the installation and reopened the roadway.

The Thomas Fire debris flow event of January 9, 2018 destroyed the flexible rockfall barrier. This event also completely destroyed the adjacent concrete low water crossing over Cold Springs Creek, as well as several hundred feet of roadway, shoulder and support embankment.

This segment of East Mountain Drive, which serves as the access to the Cold Springs Trailhead in the City of Santa Barbara’s Gould Park, is currently closed to the traveling public. The County has ongoing preliminary design projects for the construction of a bridge to replace the destroyed low water crossing and for repairs to several hundred feet of roadway, shoulder and embankment in the immediate area. This project will mitigate the rockfall hazard present at this location and will facilitate the reconstruction of this segment of East Mountain Drive and the adjacent low water crossing replacement project, as well as continued access to Cold Springs Trail, once it re-opens to the public.

On November 6, 2018, the Board approved, ratified and authorized the Chair to execute a License Agreement with the City of Santa Barbara to allow for the construction of the project, authorized the Director of Public Works to advertise for bids to construct the Project, as well as approved the CEQA Notice of Exemption for this project.



View of East Mountain Drive, looking south. The embankment slope above the roadway was denuded of vegetation as a result of the Thomas Fire and experienced rockfall events as a result of the fire and subsequent intense rainfall events. Recent Rockfall from 2019 shown.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Total One-Time Project Cost</u>
Road Fund (D1 Share of General Fund)	\$12,898
Federal Aid for Disaster Funds (FEMA)	\$154,776
State Aid for Disaster Funds (CAL OES)	\$38,694
Total	\$206,368

Narrative:

The total construction costs, including contingencies, amounts to \$206,368.25. Federal Aid for Disaster funds (FEMA Category C) will fund \$154,776 (75%) of construction costs; State Aid for Disaster funds (CAL OES) will fund \$38,694 (18.75%); and the First Supervisorial District’s share of General Fund will fund \$12,898 (6.25%). Combining the FEMA, CAL OES and General Fund funds, construction would be fully funded. Funds for this project are budgeted in Dept. 054, Fund 0016, Org. 0500, Program 2920, Account 7510.

Key Contract Risks:

This contract has been assigned a risk assessment of standard. The project is fully funded in the current fiscal year budget.

Special Instructions:

Please forward the following items to Gail Ocheltree in the Public Works Department, Transportation Division, 123 E. Anapamu Street, extension 3094:

- A certified, stamped Minute Order approving these recommendations
- Two duplicate original executed (one original contract to remain on file with the Clerk of the Board)
- Original, fully-signed Special Provisions signature sheet
- Original, fully-signed Titlesheet (full-size and half-size)

Attachments:

Attachment A: Contract for the Construction of East Mountain Drive Rockfall Attenuator System Project, Project No. 18104C (3 original)

Attachment B: Original signed Special Provisions sheet

Attachment C: Original, fully-signed Title sheet (full-size and half-size)

Authored by:

Christian Doolittle, PG, CEG, Project Manager, 739-8777