

AGENDA: August 5, 2021

TO: Regional Transportation Commission

FROM: Sarah Christensen, P.E.

RE: Construction Contract Award – Site 7 of the 2017 Storm Damage Repairs along the Santa Cruz Branch Rail Corridor

RECOMMENDATIONS

Staff recommends that the Regional Transportation Commission (RTC) approve the attached resolution ([Attachment 1](#)) accepting the bid and authorizing the Executive Director to execute a construction contract with Granite Rock Company in the amount of \$195,841 for repairs to storm damage Site 7 on the Santa Cruz Branch Rail Line.

BACKGROUND

In 2017 historic rain and flooding resulted in fallen trees, landslides, erosion, and other damages along the Santa Cruz Branch Rail Line (SCBRL). In February of 2017, the Federal Emergency Management Agency (FEMA) announced that federal disaster assistance had been made available for emergency repair of facilities damaged by the severe 2017 winter storms to eligible local government agencies across California. The RTC submitted a Request for Public Assistance for storm damage repair work along the SCBRL, which was approved by FEMA.

Between November 2017 and January 2018, RTC and FEMA Public Assistance Program staff inspected the damages incurred along the SCBRL. FEMA then issued the Damage Description and Dimensions (DDD) and Scope of Work (SOW) for seven (7) storm damage repair distinct sites (Site).

Storm damage site 7 is located in Aptos at the southern railroad bridge over Highway 1. The repair work for site 7 includes repair of the bridge railing and fence that was damaged by a fallen tree as a result of the 2017 storms.

RTC staff awarded a contract to a professional engineering consultant, Bowman and Williams, to prepare the construction documents for repairs of Site 7. The topographic surveys and final design have been completed for

Site 7. An encroachment permit was issued by Caltrans in April 2020, and the project was initially advertised in May 2020. One bid was received in the amount of \$297,190, 87% over the Engineer's estimate of \$158,891. Since the line is out-of-service and the damaged railing is secure, staff had concerns in justifying the award of this contract based on only one bid. On June 29, 2020 the Commission rejected the bid and directed staff to re-package and re-advertise the project.

DISCUSSION

Staff re-evaluated the bid package and developed a plan to re-advertise the project with a more cost-effective design package. Re-packaging and re-advertising the project required an encroachment permit rider from Caltrans, since the repair differs from the original bid package. The encroachment permit rider was issued by Caltrans in May of 2021.

The re-packaged project was advertised in July 2021 through RTC's informal bidding procedures. On July 30, 2021, the RTC received 2 complete and responsive bids, with the low bid in the amount of \$195,841 by Granite Rock Company. A bid summary is included as Attachment 2. The engineers estimate prepared by the design engineer, Bowman & Williams, was \$140,000 with the unit prices developed based on recent bid prices for comparable items. The items that had higher bid amounts were the installation and the clearing of vegetation. These items must be completed at night in an expedited fashion during a freeway closure which may have resulted in the higher bid prices.

Staff recommends the RTC approve the attached resolution (Attachment 1) accepting the bid of \$195,841 and authorizing the Executive Director to execute a construction contract with Granite Rock Company for Storm Damage Repair Site 7 on the Santa Cruz Branch Rail Line. Once the contract is awarded and all requirements of the contract are met, staff will issue a notice to proceed to the contractor. Staff will work with the contractor to schedule the work, which will include full closure of Highway 1.

FISCAL IMPACT

The 2017 storm damage repairs have been approved to receive disaster relief funding by FEMA and CalOES. RTC's FY 21/22 budget includes \$640,000 under Construction – Storm Damage Repairs and Cleanup to fully fund this construction contract. There is sufficient funding capacity remaining in the current FY 21/22 budget to award this contract. Upon completion of the work, staff will seek reimbursement of disaster relief funds from FEMA and CalOES. RTC has received reimbursement from FEMA and CalOES in the

amount of \$400,411.53 of disaster relief funds for preconstruction activities to date for sites 1 through 7. Staff is working with CalOES to complete the necessary paperwork required to be reimbursed for the work completed and plans to submit additional reimbursement requests upon completion of repairs in the future

SUMMARY

RTC solicited bids in July for the repair of storm damage Site 7 and received 2 bids on July 30, 2021. Staff recommends awarding a construction contract to Granite Rock Company for a not to exceed amount of \$195,841.

Attachments:

1. Resolution
2. Bid Summary

RESOLUTION NO.

Adopted by the Santa Cruz County Regional Transportation Commission
on the date of August 5, 2021
on the motion of Commissioner
duly seconded by Commissioner

A RESOLUTION ACCEPTING THE LOWEST RESPONSIVE BID AND AUTHORIZING
THE EXECUTIVE DIRECTOR TO EXECUTE A CONSTRUCTION CONTRACT WITH
GRANITE ROCK COMPANY IN THE AMOUNT OF \$195,841 FOR CONSTRUCTION OF
STORM DAMAGE REPAIR SITE 7 OF THE 2017 STORM DAMAGES ALONG THE
SANTA CRUZ BRANCH RAIL LINE

WHEREAS, the Santa Cruz County Regional Transportation Commission (RTC) purchased the Santa Cruz Branch Rail Line (SCBRL) in October 2012;

WHEREAS, in early 2017, the SCBRL was damaged due to historic rain storms that hit Santa Cruz County and other parts of the state;

WHEREAS, the heavy rain storms of 2017 were declared state and national disasters and the RTC submitted a Request for Public Assistance to the Federal Emergency Management Agency (FEMA), which was approved;

WHEREAS, in late 2017, FEMA inspected the storm damage incurred along the SCBRL and issued the Damage Description and Dimensions and Scope of Work for seven (7) distinct storm damage repair sites;

WHEREAS; in 2018 the RTC authorized a temporary loan of Regional Surface Transportation Program Exchange (RSTPX) funds to fund preconstruction and construction of 2017 storm damage repairs until reimbursement from FEMA and CalOES is secured;

WHEREAS, RTC procured professional engineering and environmental permitting consultants to produce plans, specifications, and cost estimates and apply for permits for the permanent storm damage repairs and to help ensure that FEMA, the California Governor's Office of Emergency Services (CalOES), and Regulatory Agencies requirements are met;

WHEREAS; the RTC obtained an encroachment permit from Caltrans for the work on the bridge over Highway 1;

WHEREAS; staff solicited bids in July of 2021 for construction of the storm damage repairs at site 7; and

WHEREAS; 2 responsive bids were received, with Granite Rock Company submitting the lowest responsive bid in the amount of \$195,841.

THEREFORE, BE IT RESOLVED BY THE SANTA CRUZ COUNTY REGIONAL TRANSPORTATION COMMISSION THAT:

1. The RTC accepts the lowest responsive bid in the amount of \$195,841;
2. The Executive Director is authorized to enter into an agreement with Granite Rock Company for construction of storm damage site 7 along the Santa Cruz Branch Rail corridor with a bid amount of \$195,841;

AYES: COMMISSIONERS

NOES: COMMISSIONERS

ABSTAIN: COMMISSIONERS

Sandy Brown, Chair

ATTEST:

Guy Preston, Secretary

Distribution: RTC Project Manager, RTC Fiscal, Construction Contractor

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**ATTACHMENT 2
BID SUMMARY**

BID ITEM				Engineers Estimate		Bidders Average		Granite Rock Company				Industrial Railways Company			
Item Code	Item Description	Estimated Quantity	Unit Of Measure	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	\$ Diff from Ave	% Diff from Ave	Unit Price	Extension	\$ Diff from Ave	% Diff from Ave
1	TRAFFIC CONTROL SYSTEM	1.00	LS	\$80,000.00	\$80,000.00	\$87,500.00	\$87,500.00	\$50,000.00	\$50,000.00	(\$37,500.00)	42.9%	\$125,000.00	\$125,000.00	\$37,500.00	42.9%
2	DEMOLITION	1.00	LS	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	(\$5,000.00)	25.0%	\$25,000.00	\$25,000.00	\$5,000.00	25.0%
3	CHAINLINK PANELS INCL. PANEL CLAMPS	6.00	EA	\$500.00	\$3,000.00	\$5,250.00	\$31,500.00	\$5,500.00	\$33,000.00	\$1,500.00	4.8%	\$5,000.00	\$30,000.00	(\$1,500.00)	4.8%
4	CHANILINK MESH INCL. STEEL ZIP TIE	5.00	LF	\$100.00	\$500.00	\$1,300.00	\$6,500.00	\$100.00	\$500.00	(\$6,000.00)	92.3%	\$2,500.00	\$12,500.00	\$6,000.00	92.3%
5A	U-BOLT END ASSEMBLY	4.00	EA	\$50.00	\$200.00	\$280.00	\$1,120.00	\$60.00	\$240.00	(\$880.00)	78.6%	\$500.00	\$2,000.00	\$880.00	78.6%
5B	U-BOLT ASSEMBLY	10.00	EA	\$50.00	\$500.00	\$280.00	\$2,800.00	\$60.00	\$600.00	(\$2,200.00)	78.6%	\$500.00	\$5,000.00	\$2,200.00	78.6%
6	ROUND STEEL POST	1.00	LS	\$50.00	\$50.00	\$500.00	\$500.00	\$500.00	\$500.00	\$0.00	0.0%	\$500.00	\$500.00	\$0.00	0.0%
7	INSTALLATION	1.00	LS	\$7,500.00	\$7,500.00	\$85,000.00	\$85,000.00	\$70,000.00	\$70,000.00	(\$15,000.00)	17.6%	\$100,000.00	\$100,000.00	\$15,000.00	17.6%
8	CATCHMENT SYSTEM (OPTIONAL)	1.00	LS	\$20,000.00	\$20,000.00	\$0.50	\$0.50	\$1.00	\$1.00	\$0.50	100.0%	\$0.00	\$0.00	(\$0.50)	100.0%
9	VEGETATION CLEARING	1.00	LS	5000.00	\$5,000.00	\$38,000.00	\$38,000.00	\$26,000.00	\$26,000.00	(\$12,000.00)	31.6%	\$50,000.00	\$50,000.00	\$12,000.00	31.6%
	CONTINGENCIES (15%)				\$18,263.00										
	Total:			\$140,013.00		\$272,920.50		\$195,841.00				\$350,000.00			