



Midpeninsula Regional
Open Space District

R-21-77
Meeting 21-18
June 9, 2021

AGENDA ITEM 4

AGENDA ITEM

Award of Contract to BKF Engineers for Design and Engineering Services for the Trail Connection to Lexington Reservoir County Park as part of the Phase II Trail Network at Bear Creek Redwoods Open Space Preserve

GENERAL MANAGER'S RECOMMENDATIONS *den*

1. Authorize the General Manger to enter into a contract with BKF Engineers for trail design and engineering services at Bear Creek Redwoods Open Space Preserve for a base contract amount not-to-exceed \$109,960.
2. Authorize a 10% contingency of \$10,996 to be awarded if necessary to cover unforeseen conditions, for a total not-to-exceed contract amount of \$120,956.

SUMMARY

Adopted in 2017, the Bear Creek Redwoods Preserve Plan (Preserve Plan) includes a trail connection between Bear Creek Redwoods Open Space Preserve (Preserve) and Lexington Reservoir County Park with a trailhead in the northeast corner of the Preserve. In March 2021, Midpeninsula Regional Open Space District (District) released a Request for Qualifications and Proposals (RFQP) for design, engineering, and encroachment permitting services for the trail connection to Lexington Reservoir County Park as part of the Phase II trail network at the Preserve. After a thorough staff review, the General Manager recommends awarding a contract to BKF Engineers for a base amount not to exceed \$109,960 and authorizing a 10% contingency of \$10,996 to cover unanticipated issues that may arise during the Caltrans encroachment permit process. There are sufficient funds in the proposed Fiscal Year 2021-22 (FY22) project budget to cover the entire contract.

DISCUSSION

In January 2017, the Board of Directors (Board) approved the Preserve Plan and certified the associated Environmental Impact Report (EIR). The Preserve Plan identifies a phased implementation of the trail network, of which Phase II includes the construction of new trails, improvements to existing roads and trails, and regional trail connections to adjacent open space lands. Specifically, the Preserve Plan's Objective 1.4a of the Public Use and Facilities Element includes formalizing a northeast trailhead into the Preserve and establishing a safe trail connection to Lexington Reservoir County Park using the existing Bear Creek Road overcrossing of Highway 17. The northeast trailhead would connect to the Phase II trails, including the planned multi-use trail. Refer to Attachment 1: Project Location Map for more information.

In May 2019, the District contracted with Questa Engineering for conceptual design and engineering services for the Phase II trail network. In June 2020, the District contracted with W-Trans to provide design recommendations and conceptual plans for improvements within the Caltrans right-of-way for the trail connection to Lexington Reservoir County Park. The design work by Questa Engineering and W-Trans provides the basis of design to develop detailed engineering and construction plans for the northeast trailhead and trail connection improvements that will be used to secure the Caltrans encroachment permits.

In December 2019, the District executed a grant agreement for \$2,275,000 in Proposition 68 Specified River Parkways grant funding awarded by the California Natural Resources Agency (CNRA) for the Phase II Trails project. CNRA reallocated funding for the award and is currently finalizing an amendment for \$2,464,121 for the project. A critical piece of the grant is the northeast trailhead and trail connection to Lexington Reservoir. Garnering the Caltrans Encroachment Permit for the connection is required before the project can submit for grant reimbursements.

Consultant Selection

On March 19, 2021, staff released a RFQP on BidSync and notified five civil engineering firms. As the project site is publicly accessible, no pre-proposal site tour was held. The posting was viewed by 25 firms on BidSync. At the proposal deadline of April 12, 2021, one proposal was received by BKF Engineers. It is likely that other firms did not propose because of the project size and scope; the breadth of expertise needed in traffic, structural, geotechnical, and civil engineering; and the required experience working within the Caltrans right-of-way.

Firm	Location	Proposed Fee
BKF Engineers	Redwood City, CA	\$109,960 *

*Cost reflects a negotiated fee decrease to be more in line with the budget. Original fee was \$138,010.

Staff reviewed and scored the proposal based on the firm's project approach, team expertise, and experience with similar trail infrastructure projects within the Caltrans right-of-way. Based on staff's review, BKF Engineers has demonstrated their expertise in leading the design and engineering for similar trail infrastructure projects requiring encroachment permits from Caltrans. BKF is qualified to perform the work at a fair and reasonable price. Their estimated level of effort is appropriate for the scope of work and demonstrates their understanding of the project. Their rate schedule is comparable to other firms who provide similar services. BKF Engineers also has familiarity working with the District on past projects, including the Ravenswood Bay Trail, the previous phase of the Highway 17 Project, and the Purisima to the Sea Trail and Parking Area. All three projects involve Caltrans.

The anticipated scope of work includes:

- Existing site condition review;
- Agency coordination;
- 35% to 100% design plans;
- PG&E coordination; and
- Caltrans encroachment permitting submittal and management.

Staff recommends a contingency of 10% primarily related to unknown design requirements that could be requested by Caltrans during the encroachment permit process which could include ADA walkways and/or drainage facilities.

FISCAL IMPACT

The proposed FY22 budget includes \$339,250 for the Phase II Trail Improvements, Bear Creek Redwoods OSP project MAA21-011. There are sufficient funds in the projected project budget to cover the recommended action and expenditures.

MAA21-011 Phase II Trail Improvements, Bear Creek Redwoods OSP	Prior Year Actuals	FY21 Amended	FY22 Proposed	FY23 Projected	Estimated Future Years	TOTAL
District Funded (Fund 30):	\$0	\$0	\$0	\$296,839	\$0	\$296,839
Committed General Fund Capital (Fund 40) funds:	\$0	\$0	\$0	\$190,000	\$10,000	\$200,000
Grant Amount:	\$239,109	\$460,891	\$339,250	\$1,424,871	\$0	\$2,464,121
Total Budget:	\$239,109	\$460,891	\$339,250	\$1,911,710	\$10,000	\$2,960,960
Spent-to-Date (as of 05/18/2021):	\$0	(\$357,852)	\$0	\$0	\$0	(\$357,852)
Encumbrances:	\$0	(\$55,077)	\$0	\$0	\$0	(\$55,077)
BKF Engineers Award of Contract:	\$0	\$0	(\$109,960)	\$0	\$0	(\$109,960)
10% Contingency:	\$0	\$0	(\$10,996)	\$0	\$0	(\$10,996)
Budget Remaining (Proposed):	\$239,109	\$47,962	\$218,294	\$1,911,710	\$10,000	\$2,427,075

The following table outlines the Measure AA Portfolio 21 Bear Creek Redwoods: Public Recreation and Interpretive Projects Portfolio allocation, costs-to-date, projected future project expenditures and projected portfolio balance remaining.

MAA21 Bear Creek Redwoods: Public Recreation and Interpretive Projects Portfolio Allocation:	\$17,478,000
Grant Income (through FY25):	\$5,316,530
Committed General Fund Capital (Fund 40) funds:	\$700,000
Allocation of available MAA interest earnings:	\$1,223,530
Total Portfolio Allocation:	\$24,718,060
Life-to-Date Spent (as of 05/18/2021):	(\$11,054,160)
Encumbrances:	(\$105,067)
Remaining FY21 Project Budgets:	(\$117,131)
Future MAA21 project costs (projected through FY25):	(\$12,764,497)
Total Portfolio Expenditures:	(\$24,040,855)
Portfolio Balance Remaining (Proposed):	\$677,205

The following table outlines the Measure AA Portfolio 21 allocation, projected life of project expenditures and projected portfolio balance remaining.

MAA21 Bear Creek Redwoods: Public Recreation and Interpretive Projects Portfolio Allocation:	\$17,478,000
Grant Income (through FY25):	\$5,316,530
Committed General Fund Capital (Fund 40) funds:	\$700,000
Allocation of available MAA interest earnings:	\$1,223,530
Total Portfolio Allocation:	\$24,718,060

Projected Project Expenditures (life of project):	
21-001 Moody Gulch Fence & Gate Improvements	(\$847)
21-002 Bear Creek Redwoods Preserve Plan	\$14,369
21-003 Bear Creek Redwoods Stables Water System	\$0
21-004 Bear Creek Stables Project	(\$5,754,865)
21-005 Bear Creek Redwoods Public Access	(\$5,542,970)
21-006 Bear Creek Redwoods Alma College Cleanup and Stabilization	(\$6,615,888)
21-007 Bear Creek Redwoods Preserve Plan Invasive Weed Treatment	(\$1,443,693)
21-008 Bear Creek Redwoods Ponds Restoration and Water Rights	(\$681,560)
21-009 Bear Creek Redwoods Webb Creek Bridge	(\$487,492)
21-010 Bear Creek Redwoods Landfill Characterization and Remediation	(\$476,034)
21-011 Phase II Trail Improvements, Bear Creek Redwoods OSP	(\$2,960,960)
21-012 Bear Creek Redwood Tree Restoration	(\$90,915)
Total Portfolio Expenditures:	(\$24,040,855)
Portfolio Balance Remaining (Proposed):	\$677,205

BOARD AND COMMITTEE REVIEW

The north-east trailhead and connection between the Preserve and Lexington Reservoir County Park were approved by the Board as part of the larger Bear Creek Redwoods Preserve Plan on January 25, 2017 ([R-17-15](#), [meeting minutes](#)). The Board approved the Award of Contract for Questa Engineering, which included the northeast trailhead, on May 22, 2019, and approved a subsequent amendment to that contract on April 06, 2020 (Original Contract: [R-19-14](#), [meeting minutes](#); Contract Amendment: [R-20-29](#), [meeting minutes](#)).

PUBLIC NOTICE

Public notice was provided as required by the Brown Act.

CEQA COMPLIANCE

Potential environmental impacts of the Bear Creek Redwoods northeast trailhead and trail connection improvements were analyzed in the Preserve Plan and associated EIR, which was certified by the Board on January 25, 2017 ([R-17-15](#), [meeting minutes](#)).

NEXT STEPS

Upon Board authorization, the General Manager will direct staff to enter into contract with BKF Engineers to initiate design and engineering services associated with the trail connection from the Preserve to Lexington Reservoir County Park.

Attachment:

1. Project Location Map

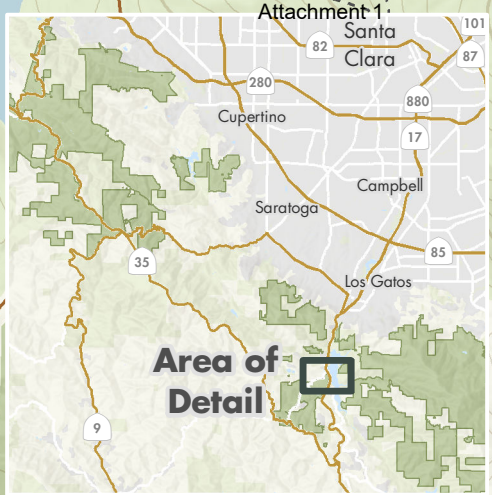
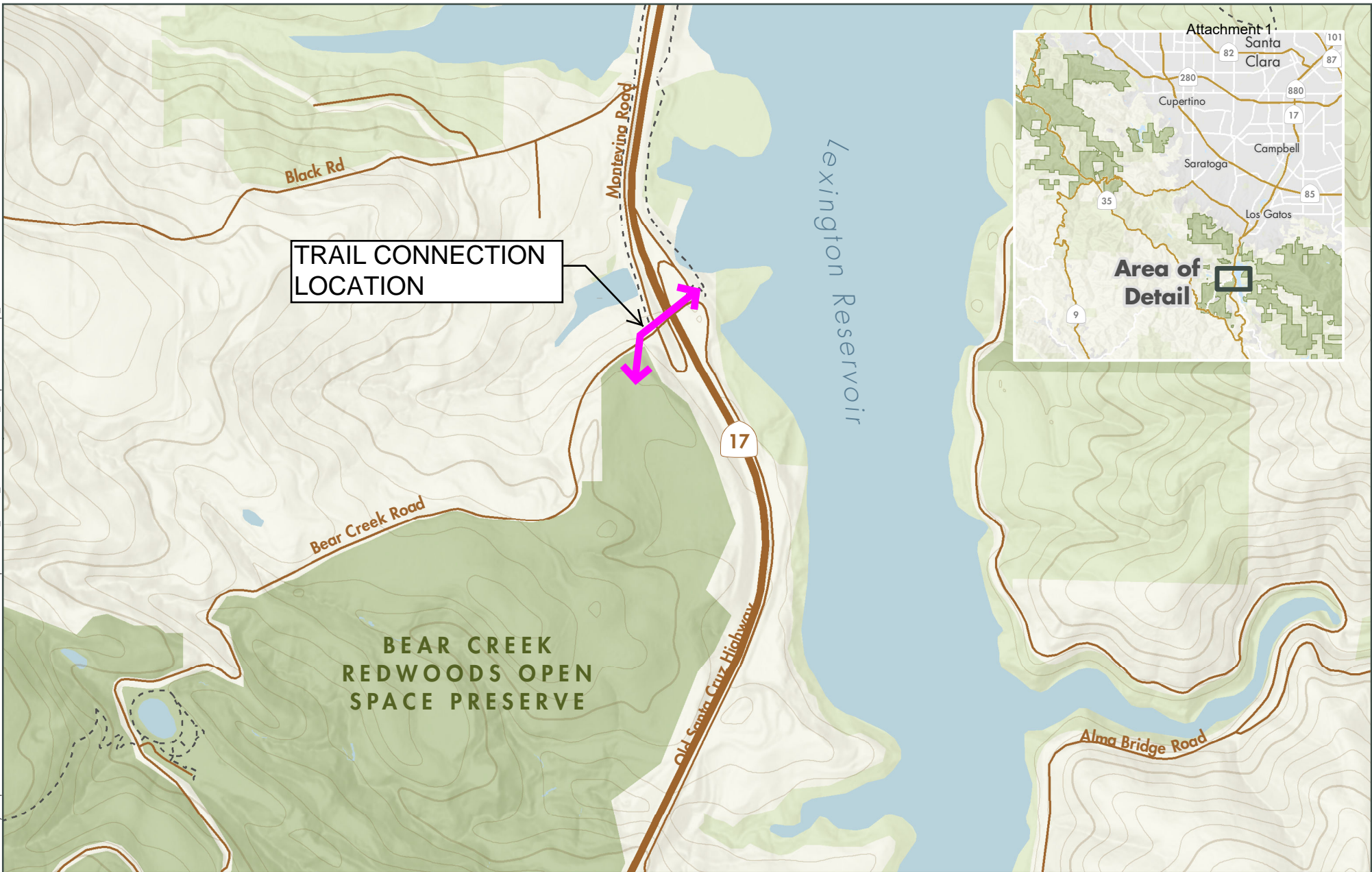
Responsible Department Head:

Jason Lin, Engineering & Construction Department Manager




Prepared by/Contact person:

Scott Reeves, Senior Capital Project Manager, Engineering & Construction Department

Aaron Peth, Planner III, Planning Department



Project Location Map

-  MROSD Preserves
-  Other Protected Lands
-  Private Property

Midpeninsula Regional
Open Space District
(Midpen)
5/27/2021

