



Midpeninsula Regional
Open Space District

PROCUREMENT AGENDA ITEM

R-25-69
Meeting 25-15
May 28, 2025

AGENDA ITEM 3

AGENDA ITEM

Award of Contract for Engineering Design and Construction Support Services for the Purisima Creek Trail Slide & Bridge Repair Project at Purisima Creek Redwoods Open Space Preserve

GENERAL MANAGER'S RECOMMENDATIONS

1. Authorize the General Manager to execute a contract with Herrera Environmental Consultants to provide engineering design and construction support services for the Purisima Creek Trail Slide & Bridge Repair Project at Purisima Creek Redwoods Open Space Preserve for a not-to-exceed base contract amount of \$952,616
2. Authorize an allowance in the amount of \$95,262 to cover additional technical studies or permit support that may be required during the engineering design development phase.
3. Authorize a 15% contingency in the amount of \$142,892 to cover unforeseen tasks or construction support beyond the current scope, bringing the total not-to-exceed contract amount to \$1,190,770.

DISCUSSION

The Midpeninsula Regional Open Space District (District) solicited proposals from consultants to provide engineering design and construction support services for the Purisima Creek Trail Slide & Bridge Repair Project (Project) along Purisima Creek Trail in Purisima Creek Redwoods Open Space Preserve. During the winter storms of 2022-2023, the road prism failed at six (6) locations along the outside edge of Purisima Creek Trail, which has impeded safe vehicle passage for emergency and maintenance access. In addition, the abutments on two (2) repurposed rail car bridges were also undercut by stream bank erosion during the storm event, impeding safe vehicle passage.

The General Manager recommends awarding a contract to Herrera Environmental Consultants (Herrera) for a not-to-exceed base contract amount of \$952,616, to evaluate the current site conditions, develop repair plans for the bridges and slides, and provide permitting, bidding assistance, and construction support services for the Project. Because the permitting requirements will not be determined until the engineering design phase has been completed, the General Manager recommends authorizing an allowance in the amount of \$95,262 to cover additional technical studies or permit support as required. In addition, the General Manager

recommends a fifteen percent (15%) contingency in the amount of \$142,892 to cover unforeseen additional services that may be required during the design development or construction phases.

Contract Scope of Work

The consultant team includes Civil, Restoration, Structural, Geologic and Geotechnical Engineers, Land Surveyors, Biologists and Arborists to perform the following tasks:

- Review all background material, reports, biological and botanical reports, and the District's Open Space and Maintenance Restoration Program (OSMRP) CEQA and Mitigation documents
- Complete a topographic survey of the project sites
- Complete a geotechnical and geologic investigation of the sites, including subsurface boring and laboratory testing, with findings utilized to help develop repair requirements
- Conduct a Hydrologic and Hydraulic analysis of the stream channel, which will be utilized to determine scour locations and storm event flow levels
- Develop 35%, 65%, 95%, and 100% Plans, Specifications, and Estimates
- Develop an Erosion Control Plan and Stormwater Pollution Prevention Plan (SWPPP)
- Incorporate findings, recommendations, mitigation and avoidance requirements developed by the Project's environmental consultant (Montrose) into the project plans
- Provide permitting and bidding support
- Provide Construction Administrative support, including reviewing and responding to Submittals, Proposed Change Orders, and Requests for Information (RFI's)
- Complete structural and geotechnical site observations during construction
- Complete laboratory soil analysis and provide compaction testing
- Provide SWPPP administration, monitoring, and reporting services
- Provide Project closeout services, including developing as-builts and FEMA reimbursement deliverables.

The District is actively pursuing FEMA grant funds for this project. As of May 2025, this project passed the majority of the FEMA approval process. The last steps include a final FEMA and Cal Office of Emergency Services (OES), sign-off, and the District's agreement on the proposed costs. The project has been split into two phases to complete the scope of work that can be accomplished prior to the FEMA reimbursement deadline of January 2027. If approved by the Board and the project moves forward as scheduled, construction of the first phase would begin in FY26.

BUDGET / FISCAL IMPACT

- ☒ sufficient funds.
- ☐ insufficient funds; the next quarterly budget update will include a reallocation of unspent funds from other project budgets to cover for this expenditure.
- ☐ insufficient funds; approval of this item requires a fiscal year budget augmentation.
- ☒ future fiscal year budgets will include additional funds to complete the contracted work.

Measure AA

- ☒ No, this contract is not part of a Measure AA project.

- ☐ Yes, this contract is part of a Measure AA project.

PROCUREMENT PROCESS AND SELECTION

On February 19, 2025, staff issued a Request for Proposals and Qualifications (RFPQ) via BidNet and performed outreach to qualified firms. Evaluation criteria were determined prior to the release of the RFPQ that included the quality of proposal, implementation approach and expertise. Pre-proposal site tours were held on March 5 and 12, with 21 representatives in attendance. The District received seven (7) proposals from the following firms by the April 10, 2025 deadline.

Consultant	Location	Proposed Fee
BKF Engineers	Redwood City	\$999,163
CSWST2	Redwood City	\$698,850
Harris & Associates	Concord	\$1,021,980
Herrera Environmental Consultants	Davis	\$952,616
Shedden Engineering & Surveying	Santa Cruz	\$793,260
Sherwood Design Engineers	Santa Cruz	\$1,176,814
Stantec Consulting	Campbell	\$1,051,170

After a thorough review of all proposals and completing interviews with the three top-ranked consultant teams, Herrera was deemed as the most qualified and best suited for the project at a fair and reasonable price. Herrera has relevant experience working on similar projects, has a deep understanding of the challenging design and permitting requirements, and demonstrated a clear understanding of the project goals and scheduling requirements. The Herrera team provided applicable strategies to streamline the regulatory permitting process and demonstrated an understanding of the District's Open Space Maintenance Restoration Program, which may be utilized to reduce necessary deliverables, time and costs.

PRIOR BOARD ACTION SUPPORTING THE PROJECT

- August 9, 2023 – Board Authorization of FEMA Agreements for Federal Assistance Funding ([R-23-82](#), [minutes](#))
- December 11, 2024 – Award of Contract to Montrose Environmental to provide California Environmental Quality Act and Permitting Services ([R-24-250](#), [minutes](#))

PUBLIC NOTICE

Public notice was provided as required by the Brown Act.

CEQA COMPLIANCE

Award of contract for consulting services is not a project subject to CEQA. Retention of professional consultants will not result in a direct physical change to the environment [CEQA Guidelines Section 15060(c)(2)] and does not constitute Board approval of the proposed project or related proposed project elements. Potential environmental effects of the Project will be evaluated in accordance with CEQA prior to an award of contract for construction.

NEXT STEPS

Pending Board approval, the General Manager will execute a contract with Herrera to begin engineering design development services for the Purisima Creek Trail Slide & Bridge Repair Project at Purisima Creek Redwoods Open Space Preserve.

Tentative Schedule

Milestones	Tentative Timeline
Design and Permitting	June 2025 – January 2026 (Bridges) June 2025 – January 2027 (Slides)
Bidding and Award of Construction Contract	January - April 2026 (Bridges) January - April 2027 (Slides)
Construction Activities	May - October 2026 (Bridges) May - October 2027 (Slides)
Project Closeout	November 2026 – January 2027 (Bridges) November 2027 – January 2028 (Slides)

Attachment(s)

1. Location Map
2. Site Photos

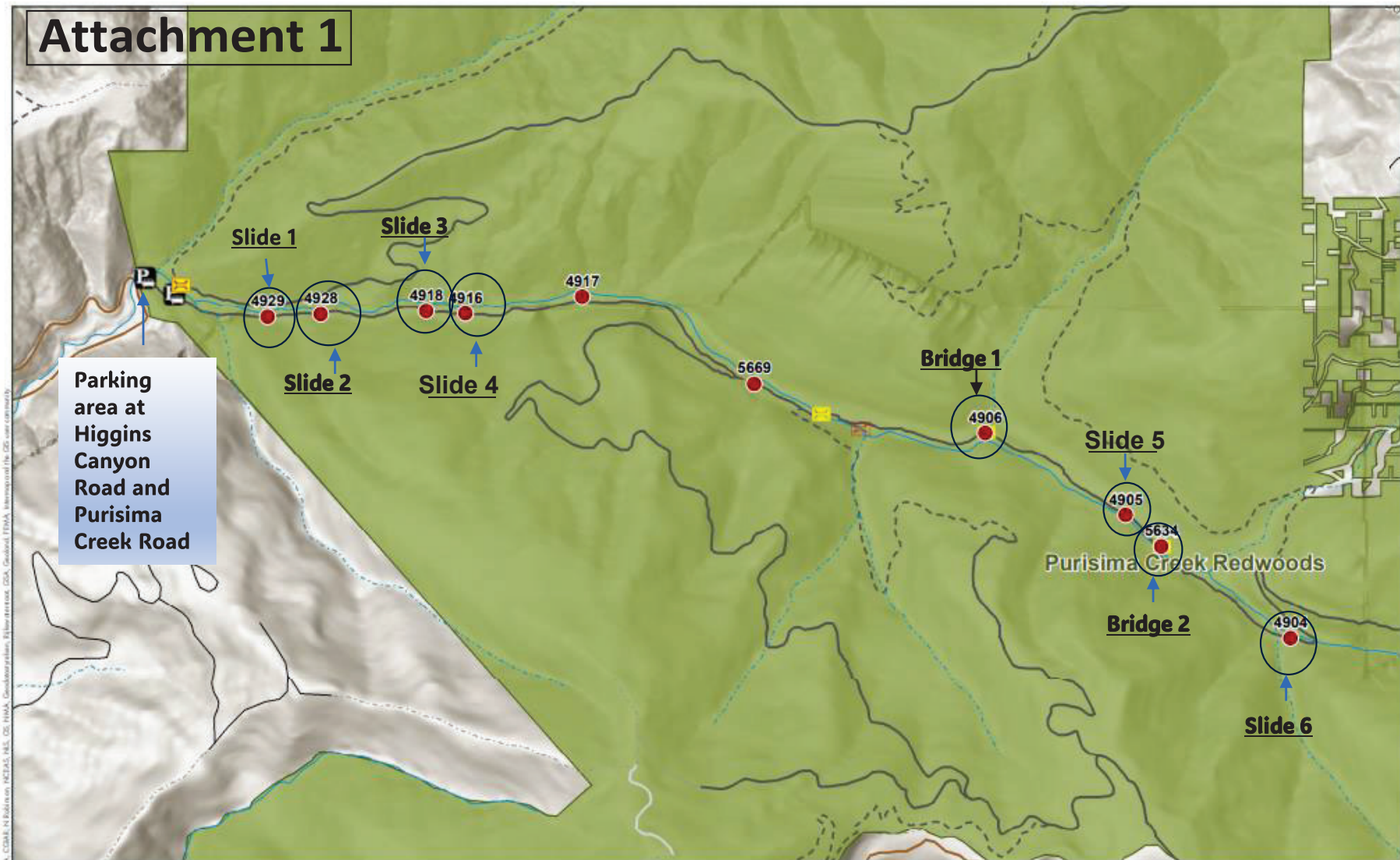
Responsible Department Head:

Jason Lin, Engineering & Construction Department Manager

Prepared by / Contact person:

Zachary Alexander, Senior Capital Project Manager

Attachment 1



Purisima Creek Redwoods Preserve FEMA damages

Cityworks FEMA Workorders - WorkOrder

● OPEN

Bridge

■ Present

■ Removed

Parking Location

■ Lot

Trail (classes)

— Other

— Paved Road

— Unpaved All-Season Road

— Unpaved Seasonal Road

--- Trail

--- Abandoned / Unmaintained Road

Road Centerline (minor)

— Road

■ Preserve Boundary (fill)

Midpeninsula Regional
Open Space District
(MROSD)

11/1/2023



ft

0

1,125

2,250



Attachment 2

Slide 1 Photos:



Attachment 2

Slide 2 Photos:



Attachment 2

Slide 3 Photos:



Attachment 2

Slide 4 Photos:



Attachment 2

Slide 5 Photos:



Attachment 2

Slide 6 Photos:



Attachment 2

Bridge 1 Photos:



Attachment 2

Bridge 2 Photos:

