



Midpeninsula Regional  
Open Space District

R-12-68  
Meeting 12-23  
July 11, 2012

## AGENDA ITEM 5

### AGENDA ITEM

Authorization to Amend a Contract with Jakaby Engineering to Provide Additional Structural Engineering Design Services, Permitting Assistance, and Construction Monitoring Associated with Implementation of the El Corte de Madera Creek Open Space Preserve (ECdM) Watershed Protection Program (WPP)

### GENERAL MANAGER'S RECOMMENDATIONS

*Just for SEA*

1. Determine that the proposed action does not constitute a project under the California Environmental Quality Act (CEQA) based on findings as set out in this report.
2. Authorize the General Manager to amend a contract with Jakaby Engineering for an additional \$11,700 for a total contract amount not to exceed \$35,700, to include additional structural design services, permitting assistance, and construction monitoring associated with implementation of the ECdM WPP.

### SUMMARY

In July of 2010, the District issued a Request for Qualifications and Proposals for structural design, permitting assistance, and construction monitoring for the new Methuselah bridge at ECdM and selected Jakaby, entering into a contract for \$24,000. At that time, Methuselah bridge was assumed to be the final structural element of the WPP to require a building permit. However, since then, San Mateo County has clarified that any puncheons (small foot bridges) that are more than 18 inches above grade or more than 120 square feet in area also require a building permit and structural engineer stamped drawings. To date, puncheons previously designed and installed onsite as part of the WPP were not subject to this requirement and in the past were able to be designed by the project's certified engineering geologist, Tim Best. To address this change in San Mateo County permitting requirements, a structural engineer will now be required to review, modify (if needed), and stamp Mr. Best's original puncheon design. Staff recommends amending the contract with Jakaby to include an additional \$11,700 to complete the Methuselah bridge work, review and stamp the puncheon design, and provide construction oversight and monitoring of bridge and puncheon installation to ensure adherence to the stamped plans.

## **DISCUSSION**

A Road and Trail Inventory (RTI) for ECdM OSP was completed in 2002 that identified road and trail related sediment sources and provided recommendations for treatment of problem sites. During this time, a WPP was also developed in partnership with the National Marine Fisheries (NMFS), the San Francisco Bay Regional Water Quality Control Board (RWQCB), and California Department of Fish and Game (CDFG). The purpose of this multiagency WPP is to protect and restore watershed integrity while maintaining opportunities for year-round multiple use recreation and environmental education within the Preserve. Implementation of the WPP involves applying site specific recommendations identified in the RTI to remedy ongoing erosion and sedimentation issues within the Preserve.

While much of the priority work identified in the WPP and RTI have been completed to date, several high and moderate priority projects remain, including improvements to the following trails: Springboard, Steam Donkey, El Corte de Madera Creek, Resolution, South Leaf, Methuselah, Blue Blossom, and the proposed Bear Gulch Trail. Currently the Natural Resource Department manages the overall implementation of the WPP with the exception of the proposed Bear Gulch Trail, which is being managed by the Planning Department in connection with the El Corte de Madera Staging Area and Trails Project.

Jakaby first became involved with the WPP on August 10, 2005, when the District's Board of Directors authorized a contract to provide engineering design for five bridges within the Preserve. Examples of Jakaby's design work can be seen on bridges and puncheons installed on the El Corte de Madera Creek and Giant Salamander Trails. The District was satisfied with Jakaby's performance during this prior contract and offered him to propose for additional bridge design work in July of 2010. Jakaby was able to out-compete two other qualified firms to secure his current contract, indicating that he is the most qualified to complete the remaining design work. For efficiency and least cost, District staff recommends amending Jakaby's contract to include additional scope items for construction of the new puncheon to comply with newly-changed County requirements, and, given that the current contract expired on March 31, 2012, to also extend the contract expiration date to March 31, 2017 to allow sufficient time to complete all remaining contract items.

## **FISCAL IMPACT**

The Natural Resources and Planning Department budgets for FY2012-13 include a total of \$155,000 for implementation of the WPP, including funds to cover the contract work for this fiscal year. The additional \$11,700 will be paid from the overall WPP project budget during the next five fiscal years with no anticipated overage. Since the contract work is expected to span multiple fiscal years, it is anticipated that future fiscal years will include a small budget fed by monies projected by both the Natural Resources and Planning Departments for their respective portions of the overall WPP.

## **BOARD COMMITTEE REVIEW**

Committee review is was not required for this agenda item.

**PUBLIC NOTICE**

Public notice for this contract amendment was provided as required by the Brown Act. No additional notice is required.

**CEQA COMPLIANCE**

Retention of consultant services to prepare design documents and construction oversight does not constitute a project under the California Environmental Quality Act (CEQA).

**NEXT STEPS**

If the contract amendment is approved by the Board, staff will amend the current contract with Jakaby to perform additional design services and construction oversight and monitoring in support of the ECdM WPP implementation.

Responsible Department Head:  
Kirk Lenington, Natural Resources Manager  
Ana Ruiz, Planning Manager

Prepared by:  
Julie Andersen, Planner II  
Tina Hugg, Planner III

Contact person:  
Julie Andersen, Planner II