



DATE: August 26, 2014

AGENDA ITEM # 5

TO: City Council

FROM: Dave Brees, Special Projects Manager

SUBJECT: Redwood Grove Creek Bank Stabilization, Project CF-01001

RECOMMENDATION:

Authorize the City Manager to execute an agreement on behalf of the City with Restoration Design Group for an amount of \$61,300 to provide professional engineering design and construction support services for the Redwood Grove Creek Bank Stabilization, Project CF-01001

SUMMARY:

Estimated Fiscal Impact:

Amount: \$61,300

Budgeted: Yes; Park In-Lieu Fund and Santa Clara Valley Water District grant funds

Public Hearing Notice: Not applicable

Previous Council Consideration: Not applicable

CEQA Status: Categorically Exempt 15301 Existing Facilities and 15333 Small Habitat Restoration Projects

Attachment:

1. Redwood Grove Bank Stabilization concept plan

BACKGROUND

Through a grant from the Santa Clara Valley Water District, the non-profit agency Acterra partially funded a bank stabilization plan to repair severe erosion along Adobe Creek adjacent to the footbridge within the Redwood Grove Nature Preserve. The conceptual plans and 50% construction drawings were completed by the Urban Creeks Council and Restoration Design Group with input from City Engineering staff. As part of the FY 2013/14 budget process, City Council approved the Redwood Grove Bank Stabilization, Project CF-01001 to continue the work previously initiated by Acterra.

DISCUSSION

The next step in CIP Project CF-01001 is to enter into an agreement to complete the plans and specifications for construction of a bank stabilization effort to repair and improve a severely eroded 30-foot section of Adobe Creek. Additionally, a footing supporting the existing footbridge immediately upstream of the erosion site is now exposed creating an adverse impact to the eroded creek bank. To protect the improvements to the creek bank, the bridge will be removed and relocated utilizing an ADA accessible footbridge spanning the creek. The 560 feet of the existing boardwalk will be removed and replaced. All sites disturbed during construction will be restored with native plants grown from seeds and cuttings collected from the Adobe Creek watershed. All existing native plants will be protected in place and interpretive elements will be included to educate park users in the design, features and benefits of the bank stabilization.

Additionally, the project will remove an elevated concrete slab that extends into the creek bed approximately 60 feet downstream from the erosion site. The disturbed creek bank will be contoured and revegetated with locally sourced native plant material.

The scope of services for this project includes conducting a site survey, performing the structural engineering work, preparing the construction documents, acquiring the necessary permits and administering the construction contract.

It is recommended to continue utilizing the design services of the Restoration Design Group (RDG) for the completion of the creek bank project design. RDG prepared the initial designs for the creek bank stabilization strategies in the first phase completed in 2012. RDG also completed the 50% design drawings for the scope of work currently proposed as part of the Redwood Grove Creek Bank Stabilization CIP Project.

RDG has significant experience in creek bank restoration, landscape architecture and environmental planning. Restoration project clients include the Cities of Albany, San Pablo, Oakley, Pleasanton, and El Cerrito. The recommendation to proceed with RDG on a sole source basis was determined upon the following findings.

- RDG has completed the 50% drawings for the scope of work proposed as part of the Redwood Grove Bank Stabilization, Project CF-01001. It would add considerable cost to the project to secure the services of a different landscape architect to redo survey and construction drawing work.

- RDG has the proven ability to fulfill the requirements of this project as demonstrated in its work on the first phase of the Redwood Grove creek bank stabilization project.

FISCAL IMPACT

The professional services expenditures related to this agreement are not to exceed \$61,300 plus a 15% contingency for a total amount of \$70,500. Sufficient funds have been appropriated and are available for this purpose in CIP Project CF-01001.

PUBLIC CONTACT

Posting of the meeting agenda serves as notice to the general public.

