

Meeting Date: 2/18/2014

Report Type: Consent

Report ID: 2014-00107

Title: Grant Funding for Implementation of City of Sacramento Low Impact Development (LID) Standards at California State University, Sacramento

Location: Citywide

Issue: Obtain City Council's approval to submit a full proposal for round 2 of the California State Water Resources Control Board Proposition 84 Grant.

Recommendation: Pass a Resolution 1) authorizing the City Manager or his designee to submit an application for the California State Water Resources Control Board Proposition 84 Grant (Grant), up to the maximum grant amount of \$2.76 million; 2) authorizing the Director of Utilities or his designee to take specified actions in connection with the Grant application; and 3) reviewing the purpose of the application and supporting its submittal.

Contact: Bill Busath, Engineering & Water Resources Manager, (916) 808-1434; Sherill Huun, Supervising Engineer, (916) 808-1455, Department of Utilities

Presenter: None

Department: Department Of Utilities

Division: Environmental & Regulatory Com

Dept ID: 14001331

Attachments:

1-Description/Analysis

2-Background

3-Location Map

4-Resolution

City Attorney Review

Approved as to Form
Joe Robinson
2/6/2014 5:40:47 PM

City Treasurer Review

Reviewed for Impact on Cash and Debt
Russell Fehr
2/4/2014 10:24:09 AM

Approvals/Acknowledgements

Department Director or Designee: Dave Brent - 2/5/2014 12:20:22 PM

Description/Analysis

Issue Detail: Staff requests authorization to submit a full proposal application, on behalf of the City, to the California State Water Resources Control Board Proposition 84 Stormwater Grant Program (Grant). The purpose of the Grant would be to fund the implementation of multiple Low Impact Development (LID) Best Management Practices (BMPs) on the California State University, Sacramento (CSUS) campus, up to the maximum Grant amount of approximately \$2,760,020. The Grant would require that the City contribute in-kind services to the local match in the amount of \$145,000.

Policy Considerations: This report's recommendation is consistent with the City's Strategic Plan Goals of achieving sustainability and livability. City Council approval is required for the establishment of a grant over \$100,000.

Economic Impacts: None

Environmental Considerations: California Environmental Quality Act (CEQA): Authorization to submit a Grant application is a fiscal activity that does not constitute a project under CEQA Guidelines Section 16378(b). The proposed LID BMPs are defined as exempt activities by the CEQA Guidelines Sections 15301, 15302 and 15304. Specifically, projects exempt under Section 15301 consist of minor alteration or repair of existing utility facilities and sidewalks. Projects exempt under Sections 15302 and 15304 consist of minor alteration to land, and replacement or reconstruction, respectively.

Sustainability: The project supports the City's Sustainability Master Plan goals by furthering the science of and promoting LID measures, which will lead to enhanced water quality.

Commission/Committee Action: Not applicable

Rationale for Recommendation: This will allow the City to apply for federal funding, under the Proposition 84 Stormwater Grant Program, to fund the implementation of multiple LID BMPs on the CSUS campus. This project will help reduce stormwater runoff impacts to the American River located adjacent to the campus, and will implement LID BMPs being developed by the Sacramento Stormwater Quality Partnership (SSQP), of which the City is a member. This project will help the City validate the effectiveness of the SSQP LID standards and provide public outreach opportunities.

Financial Considerations: No additional funds are requested. The City is applying for a Grant of **\$2,760,020** requiring a local funding match of \$693,762, which may be provided in direct funding or through in-kind services. Based on the anticipated local funding match requirement of \$693,762, the planned allocation of responsibility for payment of the local funding match is as follows: City of Sacramento - \$145,000; CSUS Facilities Management - \$500,762; CSUS Office of Water Programs - \$15,000; County of Sacramento - \$6,000; Urban Rain Design - \$15,000; Quadriga Landscape Architecture and Planning, Inc.- \$6,000; and Omni-Means Ltd. - \$6,000. City staff will return to

Council upon receipt of the Grant award for authorization to sign the Grant agreement, approval of a project agreement with CSUS, and establishment of related revenue and expenditure budgets for the grant funds.

Local Business Enterprise (LBE): Not Applicable

Background

The grant will fund a project (Project) to design, construct, and monitor multiple Low Impact Development (LID) Best Management Practice (BMP) projects on California State University, Sacramento's campus. The Project will help reduce stormwater impacts to the American River, which is listed as impaired under Section 303(d) of the federal Clean Water Act.

The Project addresses stormwater management goals by reducing runoff and improving stormwater quality to the American River. The project also demonstrates, and furthers the scientific understanding of the effectiveness of typical LID designs proposed to be used throughout the greater Sacramento area.

The types of LID BMP projects to be implemented include bioretention, swales, and impervious area disconnection. Wherever feasible, the bioretention facilities will be constructed with gravel beds below the biofiltration layer to capture, hold, and infiltrate runoff. In addition, landscaping improvements will enhance infiltration in existing grassy areas. By reducing runoff volumes, less pumping is needed, which saves energy and reduces greenhouse gas emissions.

The City of Sacramento is a partner agency of the Sacramento Stormwater Quality Partnership (SSQP) and the proposed BMP projects will follow the LID standards developed for the forthcoming edition of the SSQP's Stormwater Quality Design Manual. Monitoring will be conducted to document performance and assess effectiveness.

Additionally, the Project will benefit from its on-campus location. California State University, Sacramento serves as a centralized location for LID education and outreach. The LID BMP projects will serve as a model for students, practitioners, and the general public.

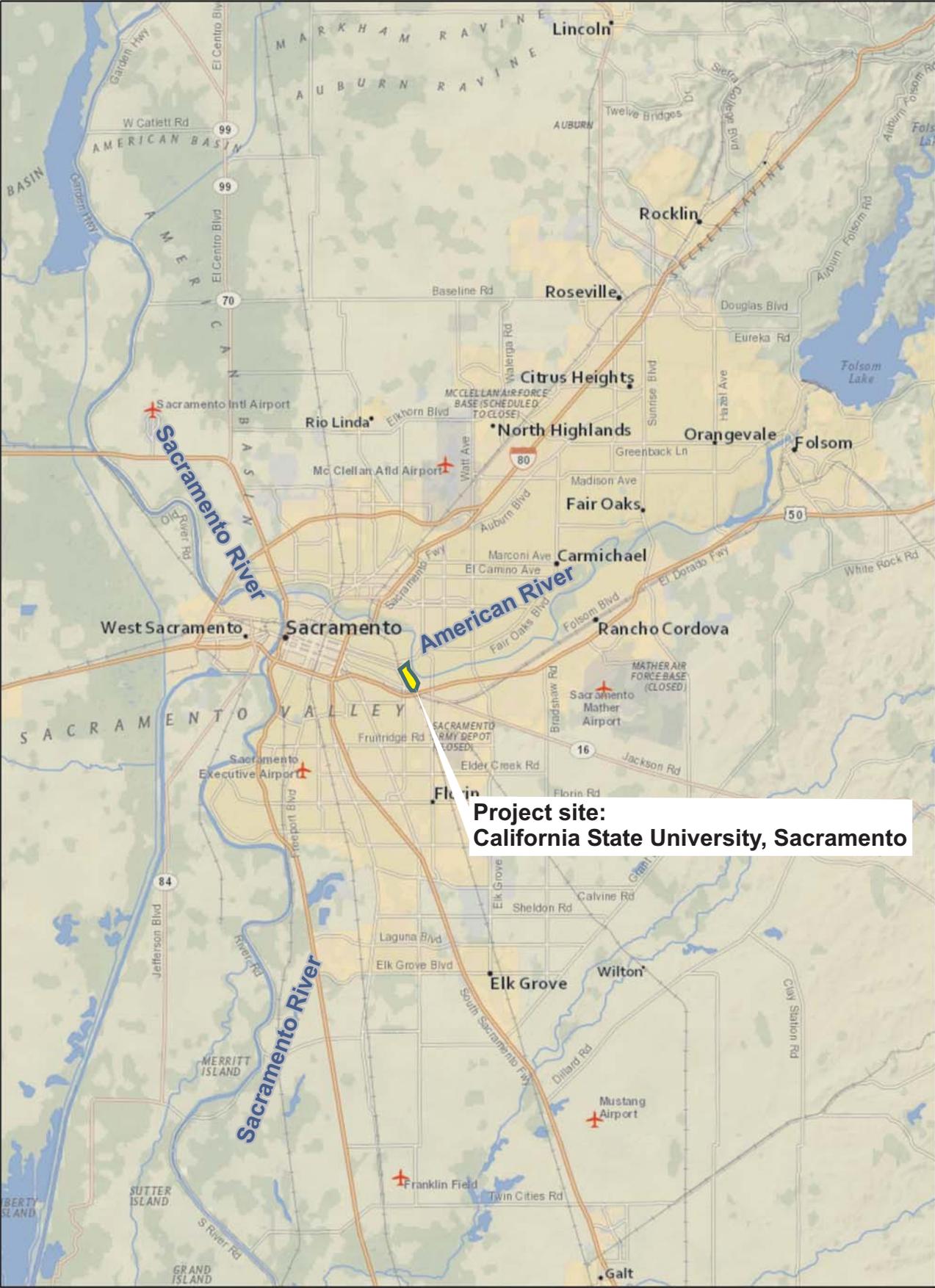


Figure 1 Project Location

RESOLUTION NO. 2014-

Adopted by the Sacramento City Council

February 18, 2014

STATE WATER RESOURCES CONTROL BOARD PROPOSITION 84 GRANT APPLICATION

BACKGROUND

- A. The City of Sacramento (City) is a member of the Sacramento Stormwater Quality Partnership (“SSQP”), which is developing Low Impact Development (“LID”) standards and best management practices (“BMPs”) for the next edition of the SSQP’s Stormwater Quality Design Manual. LID standards and BMPs promote the sustainable management of stormwater runoff to reduce the impact of stormwater runoff within a watershed.
- B. In October 2013, the City of Sacramento Department of Utilities submitted a concept proposal for the California State Water Resources Control Board Proposition 84 Stormwater Grant (Grant) to fund the implementation of multiple LID BMPs on the California State University, Sacramento (CSUS) campus.
- C. The City is requesting a Grant of \$2,760,020 requiring a local funding match of \$693,762, which may be provided in direct funding or through in-kind services. Based on the anticipated local funding match requirement of \$693,762, the planned allocation of responsibility for payment of the local funding match is as follows: City of Sacramento - \$145,000; CSUS Facilities Management - \$500,762; CSUS Office of Water Programs - \$15,000; County of Sacramento - \$6,000; Urban Rain Design - \$15,000; Quadriga Landscape Architecture and Planning, Inc.- \$6,000; and Omni-Means Ltd. - \$6,000.
- D. If awarded, the City will administer the Grant, while the Office of Water Programs (OWP) at CSUS will implement the project. City staff will return to Council for authorization to sign the Grant agreement, and approval of a project agreement with CSUS.
- E. The proposed BMPs will be designed in accordance with the City’s upcoming LID Standards, which will help the City validate the effectiveness of these standards. The project will also help reduce stormwater runoff impacts to the American River located adjacent to the campus, and provide monitoring and public outreach opportunities.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. The City Manager or the City Manager's designee is hereby authorized to apply for a California State Water Resources Control Board Proposition 84 Stormwater Grant to fund the implementation of LID BMPs on the CSUS campus, up to the maximum Grant amount of \$2,760,020.
- Section 2. The Director of Utilities and the Director's designees are authorized as the City's agent to conduct all negotiations and submit all documents required in connection with the Grant application, and the Grant (if the Grant is awarded and the City Council authorizes execution of the Grant agreement), including, but not limited to, applications, payment requests, and documentation of compliance with all requirements applicable to the Grant and completion of the project funded by the Grant.
- Section 3. The City Council has reviewed the purpose of the application and supports the application being submitted.