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2/20/2018	1	City Council	Received and Filed	Pass

Staff Report for a Resolution Approving a Consulting Services Agreement with Cal Engineering and Geology for the Lake Chabot Road Stabilization, Project 2009.0030

SUMMARY AND RECOMMENDATIONS

Staff recommends approval of an agreement with Cal Engineering and Geology for design of improvements to stabilize Lake Chabot Road for \$205,458.00 with maximum change orders of \$41,092.00, totaling \$246,550.00.

BACKGROUND

Lake Chabot Road is a two-lane collector that runs east to west above San Leandro Creek near Lake Chabot. Approximately 2,000 linear feet of roadway between Chabot Terrace and Astor Drive shows signs of settlement due to movement of the hillside below the road.

A geotechnical investigation was performed by Treadwell and Rollo in 2011 that resulted in recommendations for a concrete stitch pier system to stabilize the hillside as well as drainage improvements to reduce erosion below the road.

Analysis

Lake Chabot Road is a popular and scenic route from San Leandro to Lake Chabot Regional Park. Design of these improvements is the first step to ensure that Lake Chabot Road remains available for use by the public and will better position the City to receive grant funding for this project. Heavy rain or earthquakes could increase the rate of hillside movement and failure to address the movement of the hillside could eventually result in closure of the road.

Proposals for design of the recommended improvements were requested in 2017 and three firms

submitted proposals. Cal Engineering and Geology was selected as the most qualified firm to provide services based on a history of success with similar projects as well as insightful recommendations for use of a seismic refraction survey to potentially reduce project limits and costs.

This contract represents the current understanding of the work required. Occasionally changes to the scope of contracts are necessary to respond to new information or to include additional items of work necessary for a complete product. In order to resolve these issues in a timely fashion and avoid delaying work, staff requests authorization to issue individual change orders to the consultant up to 10% or \$20,545 each and cumulative change orders up to 20%, or \$41,091 of the original contract.

Current Agency Policies

Maintain and enhance San Leandro's infrastructure

Applicable General Plan Policies

Policy CSF-6.8 Ensure that sufficient funding is provided for the ongoing maintenance of City-owned facilities, including streets, street lights, traffic signals, landscaping, street trees, storm drains, public buildings and other infrastructure.

Environmental Review

This project for environmental clearance purposes is considered a minor alteration of an existing public roadway with no increase in capacity and is thus Categorically Exempt per CEQA Section 15301 (c). A Categorical Exemption notice will be filed with Alameda County during the design phase of the project.

Summary of Public Outreach Efforts

The public will be notified in advance of construction work and information will be provided to the neighboring property owners. There is no formal outreach planned for the design phase.

Fiscal Impacts

This contract is for \$205,458 with authorization to issue individual change orders to the consultant up to 10% or \$20,545 each and cumulative change orders up to 20%, or \$41,092 of the original contract. If the maximum change order amount is used the contract value will be \$246,550.

The total cost of the design phase of this project is \$260,000 and will be funded from existing appropriations as described below.

Construction of the improvements is a different project that will be funded separately. The construction cost will be determined during design and is estimated to be up to \$5,000,000.

Budget Authority

Account	Authority	Appropriation
144-38-395	CIP Budget 17-18	\$260,000

Attachment to Related Legislative File

- CSA Cal Engineering and Geology

PREPARED BY: Nick Thom, City Engineer, Engineering and Transportation Department