



DATE: May 11, 2021

CATEGORY: Consent

DEPT.: Public Works

TITLE: **2019/20 City Bridges and Culverts Inspections and Repairs, Project 20-60 – Authorize Professional Services Agreement**

RECOMMENDATION

Authorize the City Manager to execute a professional services agreement with Biggs Cardosa Associates, Inc., of San Jose to provide design services for 2019/20 City Bridges and Culverts Inspections and Repairs, Project 20-60, in a not-to-exceed amount of \$245,000.

BACKGROUND

The City of Mountain View has 105 public vehicle and pedestrian bridges—51 of them are inspected biennially in accordance with nationwide standards by the California Department of Transportation (Caltrans) at no cost to the City, and 54 are inspected by the City on a varying schedule between 24 and 48 months, depending on the condition of the bridge. These inspections provide the condition of inspected bridge structures, existing defects, and recommended repairs. The recommended repairs are then programmed into the annual Capital Improvement Program (CIP) repair project.

Two of the three bridge structures located at the Shoreline Golf Links are recommended for replacement based on results of the inspection in 2018 (Figure 1). One structure is a culvert between the Pro Shop and the first tee, and the second is the pedestrian bridge at the fifth fairway. The third pedestrian bridge located on the fourth fairway was replaced in 2008. All three bridge structures carry pedestrians and golf carts.

During the past two rainy seasons, the culvert structure near the first tee has experienced a minor failure and required closure while repairs were implemented. The pedestrian bridge at the fifth fairway is beyond its useful life, and replacement is the most cost-effective solution. Both structures will be replaced with prefabricated bridges.



Figure 1 – Shoreline Golf Links, Front Nine

ANALYSIS

On January 26, 2021, the City issued a Request for Proposals seeking proposals for design services to replace the two structures. One proposal was submitted by Biggs Cardosa Associates, Inc. (BCA), and was received on February 18, 2021. A selection committee evaluated the proposal and reviewed the firm's qualifications and understanding of the project. The selection committee recommends BCA as qualified to design the project based on BCA's expertise and past project experience. BCA was the design engineer for the replacement of the bridge on the fourth fairway completed in 2008 and the new golf cart bridge across Permanente Creek in 2005.

The scope of services to be provided includes: conducting preliminary investigation, preparing construction documents, and providing bidding and construction support services. The recommended fee of \$225,000 for basic services and reimbursable expenses is consistent for such services, and staff considers the costs to be fair and reasonable for the scope of work required.

If the recommended action is approved by Council, BCA would begin design work in summer 2021. The project is estimated to complete design in fall 2021 and start construction in early 2022.

FISCAL IMPACT

2019/20 City Bridges and Culverts Inspections and Repairs, Project 20-60, is funded with \$330,000 from the CIP Reserve Fund and \$500,000 from the Shoreline Regional Park Community Fund for a total of \$830,000. The fee for the recommended agreement is \$225,000 for basic services and reimbursable expenses, and a contingency of \$20,000 for a total not-to-exceed amount of \$245,000. The project has sufficient funds for the recommended action.

ALTERNATIVES

1. Do not authorize executing a professional services agreement for design services.
2. Provide other direction to staff.

PUBLIC NOTICING – Agenda posting.

Prepared by:

Rey S. Rodriguez
Senior Project Manager

Reviewed by:

Robert Gonzales
Principal Civil Engineer

Edward Arango
Assistant Public Works Director/
City Engineer

RSR/CL/1/CAM
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cc: APWD – Arango, SPM – Rodriguez, PCE – Gonzales, SMA – Goedicke, PA – Li,
File 20-60

Approved by:

Dawn S. Cameron
Public Works Director

Audrey Seymour Ramberg
Assistant City Manager/
Chief Operating Officer