



COUNCIL REPORT

DATE: December 13, 2022

CATEGORY: Consent

DEPT.: Public Works

TITLE: **2020/21 City Bridges and Culverts Structural Inspection and Repairs, Project 21-52—Authorize Professional Services Agreement**

RECOMMENDATION

Authorize the City Manager or designee to execute a professional services agreement with Biggs Cardosa Associates, Inc., of San Jose to provide inspection and design services for 2020/21 City Bridges and Culverts Structural Inspection and Repairs, Project 21-52, in an amount not to exceed \$155,000.

BACKGROUND

The City of Mountain View has 105 public vehicle and pedestrian bridges. Fifty-one (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.

The scope of work for 2020/21 City Bridges and Culverts Structural Inspection and Repairs, Project 21-52, is to: (1) hire a structural engineer to conduct inspections on those bridges not inspected by Caltrans; and (2) prepare construction documents and make repairs to several bridges on which deficiencies were identified from the inspections.

ANALYSIS

On September 8, 2022, the City issued a Request for Proposals (RFP) for bridge inspection and design services and received proposals from two firms. A selection committee comprised of Public Works staff evaluated the proposals and reviewed the firms' qualifications and understanding of the project.

The selection committee recommends Biggs Cardosa Associates, Inc. (BCA), as the most qualified firm based on the merits of their experience, past project performance, and approach to the work.

The main elements of the scope of services for the project include:

- Perform field inspection of City-owned bridges and culverts and evaluate the conditions of the structures to determine any necessary maintenance or repairs.
- Provide a final inspection report that will include field notes, photographs, data collected for each of the structures inspected, a condition rating, and recommendations for repairs.
- Prepare construction bid documents and provide bidding and construction support.

Services to design and provide construction support may be included as additional services to the contract based on the findings of the structural inspections.

The recommended fee of \$155,000 for basic services, reimbursable expenses, and additional services is consistent for such services, and staff considers the fee to be fair and reasonable for the scope of work required. If the recommend action is approved by Council, the consultant will begin the inspection work in early 2023 and complete the inspection by summer 2023.

FISCAL IMPACT

2020/21 City Bridges and Culverts Structural Inspection and Repairs, Project 21-52, is funded with \$170,000 from the CIP Reserve Fund. The fee for the recommended agreement is \$119,290 for basic services and reimbursable expenses, and an additional services amount of \$35,710, for a total not-to-exceed amount of \$155,000. The project has sufficient funding for the recommended action.

ALTERNATIVES

1. Do not authorize the professional services agreement.
2. Provide other direction.

PUBLIC NOTICING—Agenda posting.

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