



City Council Agenda Item Staff Report

CITY OF SAN BRUNO

DATE: October 25, 2022

TO: Honorable Mayor and Members of the City Council

FROM: Jovan D. Grogan, City Manager

PREPARED BY: Matthew Lee, Public Works Director

SUBJECT: Adopt Resolution Authorizing the City Manager to Execute an Agreement for Consultant Services With Pavement Engineering Inc. for Pavement Evaluation Services for the 2021-22 Street Reconstruction Project in an Amount Not to Exceed \$255,720

BACKGROUND: The City's Capital Improvement Program (CIP) includes the Pavement Management Program (PMP) to repair and apply preventative maintenance treatment to local, collector, and arterial streets. As part of the PMP, the condition of City streets is routinely assessed and recommendations are made on the streets to be selected for rehabilitation to cost effectively maximize pavement longevity. Street condition is measured in terms of pavement condition index (PCI), a numerical index between 0 and 100 in which 0 represents a failed street and 100 represents a newly paved street. The City has a current average Citywide PCI of 62.

Senate Bill 1 (SB1), also referred to as the Road Repair and Accountability Act of 2017, increased the per gallon fuel excise taxes and vehicle registration fees to fund road maintenance and rehabilitation projects on local streets and roads systems. For the FY 2022-23, the City received approximately \$995,000 of SB1 funding. In order to receive this funding, the City was required to submit to the California Transportation Commission (CTC) a list of projects proposed to be funded with the SB1 funds and adopt those projects by resolution at a regular public meeting by July 1, 2022. On June 14, 2022, City Council adopted a list of projects for fiscal year 2022-23 to be funded by SB1. Projects funded by SB1 are included in the City's 2021-22 Street Reconstruction Project.

The list of streets identified in Attachment 3 will be included in the upcoming pavement evaluation effort. Upon completion of a detailed pavement evaluation, future paving projects on failed streets can be more accurately budgeted and the City can begin to more quickly address and repave with a more cost-effective treatment for those streets on the failed and near failed list.

DISCUSSION: In September 2022, the City issued a Request for Proposals (RFP) for the Pavement Evaluation Services for the 2021-22 Street Reconstruction Project.

The scope of work consists of collecting core samples, performing deflection testing, and

developing design recommendations. As mentioned in the Background section, the pavement condition of a street segment is represented using PCI. The basis of PCI is a visual assessment of various types and severity of pavement deterioration. Though these visual assessments are a cost-effective way to provide high-level condition information, they do not necessarily indicate whether a visually failed street is structurally failed. Performing this pavement evaluation will allow the City to determine which streets are structurally failed.

For those street segments that are structurally sound, they can potentially be repaired with more cost-effective pavement treatments such as asphalt concrete overlays. The more cost-effective treatments may be implemented in an earlier timeframe compared to pavement reconstruction. This can be done in conjunction with future asphalt concrete overlay efforts.

Qualified consultants were invited to submit proposals to conduct pavement testing and analysis, to provide rehabilitation recommendations based on findings, and to develop and prepare a design report. The Request for Proposals was sent to (5) five consultants from a qualified on-call vendor list and posted on the City's website.

On September 9, 2022, staff received (2) two proposals. Staff conducted an evaluation on the received proposals based on the following criteria:

- Proposed work plan and approach
- Familiarity with policies and procedures relation to the work effort
- Quality and completeness
- Relevance and conciseness
- Qualifications and experience of staff
- Qualifications relating to pavement analysis and design
- Completion of similar projects and references
- Manpower allocation

Based on the evaluation of proposals, staff is recommending Pavement Engineering Inc. to provide professional engineering services for the scope of work described above. Pavement Engineering Inc. (PEI) is highly qualified, has demonstrated accurate project understanding, has substantial design experience on pavement projects and has successfully completed similar design projects for the City of Concord, City of Berkeley, City of San Bruno, and other public municipalities across the Bay Area. PEI previously successfully provided pavement evaluation services for the City of San Bruno in 2019.

Prior to the RFP issued in September 2022, the City had issued a RFP in October 2021 to evaluate 5 streets on the failed list. Based on their qualifications PEI was selected to perform the work. An agreement for this work in the amount of \$35,280 is in place. In addition to expediting the overall street evaluation process, City staff anticipated that there could be economies of scale in issuing a RFP for all the streets on the failed and near failed streets list, which is the case.

PEI has been selected to provide pavement evaluation services due to their experience, professionalism and reliability. With the information collected by PEI and recommendations provided, detailed design can be performed.

FISCAL IMPACT: The Pavement Evaluation Services for the 2021-22 Street Reconstruction Project is a project within the approved FY 2022-23 Capital Improvement Program. The cost of this contract is \$255,720 and within the total project budget available in the current fiscal year. The total estimated costs for the project are in this section.

Total estimated cost for the project:

Consultant Cost for Pavement Evaluation	\$	255,720
Estimated Staff Management for Pavement Evaluation	\$	40,000
Total Current Estimate:	\$	<u>295,720</u>

ENVIRONMENTAL IMPACT: This project falls within the Categorical Exemption set forth in CEQA guidelines, Section 15306, which exempts basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource.

RECOMMENDATION: Adopt resolution authorizing the City Manager to execute an agreement for consultant services with Pavement Engineering Inc. for the Pavement Evaluation Services for the 2021-22 Street Reconstruction Project in an amount not to exceed \$255,720.

ALTERNATIVES: Do not adopt resolution authorizing execution of agreement, and request staff to issue a new request for proposals. This action would result in the delay of data collection used for the design of various City pavement repair projects.

ATTACHMENTS:

1. Resolution
2. CIP Budget
3. Street Evaluation List