



DATE: January 14, 2020

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Water Main Crossing U.S. 101 from San Rafael Avenue to Macon Avenue, Project 20-41 – Authorize Professional Services Agreement**

RECOMMENDATION

Authorize the City Manager to execute a professional services agreement with Tanner Pacific, Inc., for construction engineering and inspection services for the Water Main Crossing U.S. 101 from San Rafael Avenue to Macon Avenue, Project 20-41, for a total not-to-exceed fee of \$170,000.

BACKGROUND

The proposed San Rafael Avenue to Macon Avenue water main crossing will provide redundancy of service to the North Bayshore Area in case a water line is out of service due to maintenance, construction, or a natural disaster. The new water main crosses U.S. 101 from San Rafael Avenue into the Microsoft Campus at 1075 La Avenida and connects to the existing water main on Macon Avenue. In coordination with Microsoft, the schedule is for the City to complete the new water main installation prior to Microsoft's occupancy of their new campus.

On October 29, 2019, the City Council approved plans and specifications, authorized staff to advertise the project for bids, and authorized the City Manager to award a construction contract to the lowest responsible bidder for the project. The City awarded the construction contract to Cratus, Inc., on December 20, 2019.

ANALYSIS

The Public Works Department utilizes consultants to provide construction engineering and inspection services as necessary to ensure the timely delivery of the City's construction projects and for projects requiring specialized construction expertise. This project requires consultant construction engineering services to complete the water main installation prior to occupancy of the Microsoft campus and to support the jack-and-bore construction method for extending the water main under U.S. 101. Staff

evaluated the anticipated tasks and past experience with similar projects between various firms currently providing construction engineering services to the City. Tanner Pacific, Inc., was deemed the most qualified to provide construction engineering services for this project.

The estimated fee to provide the construction engineering and inspection services is \$149,950 for basic services and reimbursable expenses, and a \$20,050 project contingency for a total not-to-exceed amount of \$170,000.

FISCAL IMPACT

The construction of the Water Main Crossing U.S. 101 from San Rafael Avenue to Macon Avenue, Project 20-41, is funded with \$5,627,000 from the North Bayshore Development Impact Fees—Water Fund. There are sufficient funds in the project budget for the recommended professional services agreement.

ALTERNATIVES

1. Do not approve the recommended agreement.
2. Provide other direction to staff.

PUBLIC NOTICING – Agenda posting.

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TST/CL/1/CAM
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Attachment: 1. Tanner Pacific, Inc., Scope of Work and Fees

cc: APWD – Arango, PCE – Au, SCE – Tseng, Construction, SMA – Goedicke, SMA –
Doan, PA – Li, SMA – Boram, File 20-41