



MEMO TO: Planning & Public Works Committee of the Whole

FROM: Katherine Claeys, Construction Project Manager, 425-556-2460

DATE: October 8, 2019

SUBJECT: On-Call Bridge Expert Consultant Contract Amendment with Integrity Structural Engineering, PLLC for the construction phase of the Redmond Technology Station Pedestrian Bridge.

I. PURPOSE ☐ For Info Only ☐ Potential Agenda Item ☒ Scheduled for Council Action

II. RECOMMENDATION

Approve the attached On-Call Consultant Agreement Amendment with Integrity Structural Engineering, PLLC for bridge engineering services and technical support primarily for the construction of the pedestrian bridge at Redmond Technology Center light rail station and authorize the Mayor to sign the agreement. The agreement is extended from December 31, 2019, to December 31, 2022, and the amount not to exceed changes from \$300,000 to \$450,000.

III. DEPARTMENT CONTACTS

Erika Vandenbrande, Director	425-556-2457
Carol Helland, Deputy Director	425-556-2107
Don Cairns, PE, Manager, Transportation Planning & Engineering	425-556-2834
Katherine Claeys, Construction Project Manager	425-556-2460
<i>Planning and Community Development</i>	

IV. DESCRIPTION/BACKGROUND

Originally, the City, Sound Transit, and Microsoft entered into an agreement (Contract No. 7479, Signed January 8, 2014) to fund and establish City ownership of the Redmond Technology Center Pedestrian-Bicycle Bridge that would provide a connection to the future light rail station. The intent at the time was to build a 14-foot wide steel truss bridge as part of the Sound Transit E360 light rail contract.

In October 2016, Microsoft formally requested Sound Transit to stop the design of the 14-foot wide steel truss pedestrian bridge contemplated in the Overlake Transit Center (OTC) funding agreement. Design work on this bridge stopped, and a new revised OTC pedestrian bridge concept was pursued by Microsoft. This new design changed the bridge alignment (by connecting the Microsoft east and west campuses), increased the width to 50 feet, and provided a direct connection to the light rail station.

As a result of the extensive re-design and need for new agreements and amendments to existing agreements with WSDOT, Sound Transit & Microsoft, this new pedestrian bridge over SR520 could not be delivered on the same construction schedule as the original 14-foot wide steel truss pedestrian bridge. Construction completion is now expected to extend into early 2022, and construction of the re-designed bridge is no longer part of the Sound Transit E360 contract.

Given that this pedestrian-bicycle bridge will become the City of Redmond's infrastructure to own and maintain, the City hired Integrity Structural Engineering to advise and provide technical support during the design and construction phase with respect to operations, safety and long-term maintenance of the pedestrian bridge. Ken Wilson with Integrity Structural Engineering has attended design task force meetings on the new Redmond Technology Station bridge concept over the past two years and provided input and guidance to the City on key critical decisions related to the bridge and canopy design. It would be beneficial to keep his expertise during the extended construction phase for quality verification, submittal review, and oversight. The bridge engineering consultant will also help the City's Project Manager address any quality issues and punch list items prior to the City issuing a formal notice of acceptance to Microsoft when the contract is completed.

Per the Redmond Technology Station Pedestrian/Bicycle Bridge Construction Agreement executed June 3, 2019, between Microsoft & the City, Microsoft will provide partial funding (\$60,000) for Integrity Structural Engineering services and the remainder of the funding will come from the City CIP. If approved by Council, the agreement would be extended from December 31, 2019, to December 31, 2022, and the amount not to exceed would change from \$300,000 to \$450,000.

V. TIME CONSTRAINTS

The proposed schedule to amend this agreement:

October 8, 2019 Planning and Public Works Committee of the Whole

November 19, 2019 City Council-Consent Agenda

January 2020 Construction Begins

VI. LIST OF ATTACHMENTS

Attachment A-Agreement Amendment with Integrity Structural Engineering (ISE), PLLC for On-Call Bridge Engineering Services.

Exhibit 1-Task Four