

TO: City Council
FROM: Bill Lindauer, Engineering Services Manager
DATE: July 16, 2024
SUBJECT: Service Provider Agreement for the Tumwater Boulevard, North Bound I-5 On/Off Ramp Intersection Project with HDR Engineering

1) Recommended Action:

Authorize the Mayor to sign the agreement with HDR Engineering Inc. for design services.

This action is being taken directly to City Council.

2) Background:

The Interstate 5 / Tumwater Boulevard SW interchange includes an existing traffic signal at the southbound on / off ramp and a stop-controlled condition at the northbound on / off ramp. The existing configuration of the interchange does not meet level of service standards for certain traffic movements and is approaching level of service failures in other movements. In addition, the interchange lacks pedestrian and bicycle facilities. With increased development in the vicinity, the demand on the interchange will increase over time, which will require a full reconstruction of the interchange.

This project is the first phase of the overall interchange improvements and will focus on constructing a roundabout at the northbound on / off ramp. This will significantly increase the capacity of the interchange and enhance multi-modal safety which is needed to support future growth.

Future project phases include a roundabout for the southbound on / off ramp and widening the existing overpass to accommodate pedestrian and bicycle traffic.

The negotiated fee for design services with the selected consultant , HDR Engineering, Inc., is in the amount of \$816,453.00.

3) Policy Support:

Create and Maintain a Transportation System Safe for All Modes of Travel – Bike and Pedestrian System Improvements.

4) Alternatives:

- ☐ Reject the agreement.
 - ☐ Recommend changes to the scope of work and/or fee.
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5) Fiscal Notes:

Total project is estimated at \$5.92MM split between the Transportation Improvement Board

(\$2.25MM). The remaining balance will be split 65:35 between private development mitigation and the Transportation CFP ending fund balance.

6) Attachments:

- A. Project Overview
- B. Service Provider Agreement