

TO: _____ Public Works Committee
FROM: Jeff Query, Utility Engineer III – Project Manager
DATE: June 4 , 2026
SUBJECT: Service Provider Agreement Amendment No. 2 with RH2 Engineering, Inc. for the Southeast Water Reservoir Design project

1) Recommended Action:

Place the Service Provider Agreement Amendment No. 2 with RH2 Engineering, Inc. for the Southeast Water Reservoir Design project on the June 16, 2026, City Council consent calendar with a recommendation to approve and authorize the Mayor to sign.

2) Background:

The Southeast Water Reservoir capital project requires a contract amendment to address critical conflicts discovered during design-phase geotechnical investigations.

- Element 1: Watermain Realignment (93rd Avenue)
 - Issue: Preliminary design placed the watermain extension along 93rd Avenue. However, site analysis revealed shallow bedrock and conflicts with future planned City roadway improvement projects, making the original route technically infeasible.
 - Solution: The alignment will shift north onto Tumwater School District property. This resolves constructability issues, secures a viable future utility footprint, and avoids tearing up future roadway investments.
 - Amendment Impact: Requires additional funds for engineering, surveying, geotechnical, easement, and permitting.
 - Element 2: Unforeseen Stormwater Mitigation (Access Road)
 - Issue: Preliminary designs assumed runoff from the reservoir's 1500' access road could be managed using natural dispersion. Recent geotechnical testing revealed shallow bedrock and non-infiltrating soils, which invalidates the preliminary natural dispersion method assumed.
 - Solution: Runoff must be redirected offsite into a new subsurface detention facility to meet mandatory regulatory compliance.
 - Amendment Impact: Requires additional scope for specialized geotechnical analysis, surveying, permitting, and engineering design.
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3) Policy Support:

Strategic Priorities & Goals 2026-2032

Be a leader in environmental health and sustainability.
-Conserve and protect Tumwater's water resources.

4) Alternatives:

- Do not authorize proposal, pursue other costly options including deep bedrock trenching, pursue expensive easements from adjacent properties.
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5) Fiscal Notes:

The funding for this project comes from the City Water fund.

6) Attachments:

- A. Service Provider Agreement Amendment No. 2
- B. TSD School Site Map & Access Road