

TO: City Council  
FROM: Jeff Query, Utility Engineer III – Project Manager  
DATE: June 16, 2026  
SUBJECT: Service Provider Agreement Amendment No. 2 with RH2 Engineering, Inc. for the Southeast Water Reservoir Design project

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1) Recommended Action:

Authorize the Mayor to sign the Service Provider Agreement Amendment No. 2 with RH2 Engineering, Inc. for the Southeast Water Reservoir Design project.

This Agreement was recommended for approval on the consent calendar by the Public Works Committee at their June 4, 2026 meeting.

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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.

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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.

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6) Attachments:

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