

TO: City Council  
FROM: Patrick Soderberg, Water Resources Program Manager  
DATE: October 3, 2023  
SUBJECT: Service Provider Agreement with Carollo Engineering for Phase 1 Source Development & Cost of Service Review

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1) Recommended Action:

Recommend the City Council approve and authorize the Mayor to sign the Service Provider Agreement with Carollo Engineering Inc. for Phase I of the Source Development, and Cost of Service Review project.

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2) Background:

The City of Tumwater owns and operates a water system that serves a residential and non-residential population of approximately 62,000. The City's water supply sources include groundwater wells and reclaimed water from LOTT Clean Water Alliance. In total, existing water supplies provide about 6,000 gallons per minute (gpm). To meet projected water demands, the City needs to develop new water sources. The City's maximum day demands (MDD) are approximately 5,000 gpm, or 7 million gallons per day (mgd). With additional water demand from new industrial customers, the City expects MDD to increase to approximately 7,000 gpm, or 10 mgd by 2027.

To meet the objectives of this project, the Consultant shall complete the Phase I tasks:

- Task 1 – Project Management
  - Task 2 – Explore Drinking Water Supply Need and Supply Options
  - Task 3 – Cost of Service Study
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3) Policy Support:

Strategic Priority B – Be a Leader in Environmental Sustainability  
#11 – Ensure ample water supply.

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4) Alternatives:

- ☐ Reject the Service Provider Agreement.
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5) Fiscal Notes:

The total cost of Phase I of this project is \$245,628.00 and is included in the Water Fund Capital Facilities Plan (WA-9).

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6) Attachments:

- A. Service Provider Agreement with Carollo Engineering Inc. for the Source Development & Cost of Service Project
- B. Capital Facilities Plan Worksheet WA-9