



CITY OF  
BAINBRIDGE ISLAND

## City Council Regular Business Meeting Agenda Bill

**MEETING DATE:** March 8, 2022

**ESTIMATED TIME:**

**AGENDA ITEM:** Authorize a Professional Services Agreement with HDR Engineering, Inc. for the Wastewater Beneficial Re-Use Analysis Project (\$95,699.00) \*\*2022 Council High Priority Project\*\* - Public Works,

**SUMMARY:** Staff is requesting authorization from the City Council to enter into a professional services agreement with HDR Engineering, Inc., for the Wastewater Beneficial Re-Use Analysis. Re-use concepts are envisioned to include, but are not limited to, efforts that would support irrigation, stream flow restoration, groundwater re-charge, or tertiary treatment for return to Puget Sound.

**AGENDA CATEGORY:** Consent Agenda

**PROPOSED BY:** Public Works

**RECOMMENDED MOTION:** Authorize the City Manager to enter into a Professional Services Agreement with HDR Engineering, Inc., in the amount of \$95,699.00 for the Wastewater Beneficial Re-Use Analysis.

**STRATEGIC PRIORITY:**

**FISCAL IMPACT:**

|                                    |             |
|------------------------------------|-------------|
| <b>Amount:</b>                     | \$95,699.00 |
| <b>Ongoing Cost:</b>               | N/A         |
| <b>One-Time Cost:</b>              | \$95,699.00 |
| <b>Included in Current Budget?</b> | Yes         |

**BACKGROUND:** In 2021, the City Council authorized \$1M in American Rescue Plan Act (ARPA) funding to explore options for re-using and/or recycling wastewater on Bainbridge Island. The project was initially focused on wastewater effluent from the City's Winslow Wastewater Treatment Plant; however, the current scope for the professional services agreement with HDR includes a broader investigation of the City's options for wastewater re-use and/or recycling.

The City envisions that the deliverable from this "opportunities and constraints" phase of the work will inform the development of the next steps, such as a feasibility study, preliminary cost estimates, and eventually a concept design or programmatic planning effort. Re-use concepts are envisioned to include, but are not limited to, efforts that would support irrigation, stream flow restoration, groundwater re-charge, or tertiary treatment for return to Puget Sound.

The City is open to a wide range of “outside the box” thinking on this project, including the re-use of wastewater from the City’s primary Wastewater Treatment Plant located on Donald Place, a partnership with plant facilities not owned and operated by the City, and/or satellite facilities that interact with concentrations of neighborhood septic systems.

The City advertised a formal request for qualifications for professional engineering services in accordance with the City’s procurement manual, and received responses from four (4) firms: HDR Engineering, Carollo Engineers, Skillings, and Bowman and Associates. An internal team of City staff ranked the qualifications and held a virtual interview with the two top ranked firms. In a follow-up discussion, the internal team agreed that HDR was best qualified to perform the work due to their experience in the region, their team’s experience with similar projects, and their expertise in wastewater treatment plant design.

The City’s Utility Advisory Committee was briefed on this proposal on February 9, 2022, and they support moving forward with the work as planned.

**ATTACHMENTS:**

[Professional Services Agreement - HDR.docx](#)

**FISCAL DETAILS:** The project is funded with \$1M of American Rescue Plan Act (ARPA) funding.

**Fund Name(s):** Sewer Fund

**Coding:**