

# Council Agenda Item 26-0597R



**MEETING DATE:** June 29, 2026

**SUBJECT/TITLE:** RESOLUTION TO AMEND THE PROFESSIONAL SERVICES AGREEMENT WITH AE2S TO INCLUDE AN EXPANDED PILOT STUDY SCOPE FOR THE LAKEWOOD FILTER REHABILITATION, INCREASING THE AMOUNT BY \$67,970, FOR AN AMOUNT NOT TO EXCEED \$454,529.00.

**SUBMITTED BY:** Michael Latvala, Senior Engineer, Public Works and Utilities, Engineering Division

**RECOMMENDATION:** Approve

**BOARD/COMMISSION/COMMITTEE RECOMMENDATION:** N/A

**PREVIOUS COUNCIL ACTION:** Resolution number 25-0715R approved on September 22, 2025, approved \$386,559.00 for the agreement with AE2S.

**BACKGROUND:** This resolution will authorize City Officials to amend the professional services agreement with AE2S, for the purpose of conducting an expanded filter pilot study as required by the Minnesota Department of Health (MDH).

The filter rehabilitation project is part of a multi-year, multi-phase treatment facility rehabilitation plan, which is operationally critical and mandated by the US EPA. Pending the outcome of the pilot study discussed below, Engineering recommends further pursuing conversion of the facility to direct filtration as the preferred option. Conversion to direct filtration has potential to reduce total capital expenditures through all phases of rehabilitation by double-digit millions of dollars.

The original professional services agreement with AE2S included a pilot study with scope limited to determining an optimal filter media profile over a 4-week period, using existing facility chemistries. However, to pursue conversion to direct filtration, MDH requires a comprehensive pilot study, including variations of treatment chemistries and alternative mixing technologies conducted over an extended period. The MDH requirements more than double the scope of the pilot in time and complexity compared to what was originally planned. MDH will not consider approving a conversion to direct filtration unless the expanded scope of pilot is conducted. Therefore, design for the next phase of rehabilitation hinges on this pilot study.

**BUDGET/FISCAL IMPACT:** This resolution is for an amendment to the existing contract in the amount of \$67,970, increasing the contract total to \$454,529.00, payable from the Water Infrastructure Surcharge Fund 511, Department 500, Division 1905 (Capital Projects Accounts), Object 5533 (Improvements Other than Buildings), City Project no. 2329. This is a budgeted expense.

**OPTIONS:** Approve or delay improvements

AE2S Professional Services Contract Amendment

**NECESSARY ACTION:** Approve

**ATTACHMENTS:** Resolution Map