

## **Department of Public Works – Engineering Division**

### **MEMO**

TO: Utilities Committee

FROM: Danielle Block, Director of Public Works  
Pete Neuberger, Staff Engineer  
Sue Olson, Staff Engineer

SUBJECT: Approval to sole source and award 2022J contract for Conkey Pond Regional Pond Model Update, in an amount not to exceed \$36,910.

DATE: December 8, 2022

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The Department of Public Works requests approval to sole source and award the 2022J contract for Conkey Pond Regional Pond Model Update, in an amount not to exceed \$36,910. After this contract, \$173,836 will remain in the 2022 stormwater consulting services budget.

In 2021 Brown and Caldwell (BC) was selected through an RFP process to study a portion of the Northland Creek watershed along Glendale Avenue between and including Meade Street and Ballard Road. Street flooding issues were identified in the area, but it was determined that there was no economically viable solution. Because of this recent work, their recent completion on the Citywide Stormwater Management Plan and their work under the 2022A Plan Review contract, BC has the most current information in this watershed and will be the most efficient consultant to complete the work.

Work on this contract includes:

- Update the existing XPSWMM water quantity model for the 1-, 2-, 5-, 10-, and 100-year storm events with new information on private storm sewer systems and update overland flowpaths,
- Update the hydrology model with new drainage basin boundaries, curve numbers and times of concentration,
- Evaluate the impact of future expansion and redevelopment within the watershed on the public storm sewer system and street flooding,
- Evaluate three alternatives to address street flooding and overland flow,
- Prepare a Technical Memorandum for the regional pond analysis for the Wisconsin Department of Natural Resources,
- Prepare a Technical Memorandum for the flood study to support future expansions and redevelopments in the watershed,
- Meetings and project management

The Department of Public Works is requesting to award this project now due to updated information received in late summer regarding one of the larger private drainage systems in this area and inquiries into potential expansions and redevelopments in the area. Based on recently completed projects and their continued exceptional level of service with both City and Developer schedules, DPW recommends sole sourcing this contract to Brown and Caldwell.