



CITY OF IOWA CITY COUNCIL ACTION REPORT

August 1, 2023

Resolution approving, authorizing and directing the Mayor to execute and the City Clerk to attest an Agreement by and between the City of Iowa City and Strand Associates, Inc. to provide engineering consultant services for the Water Storage Study.

Prepared By: Marri VanDyke, Civil Engineer
Reviewed By: Jason Havel, City Engineer
Ron Knoche, Public Works Director
Geoff Fruin, City Manager
Fiscal Impact: \$129,000 available in the Water Storage Account #W3331
Staff Recommendation: Approval
Commission Recommendations: N/A
Attachments: [Resolution Agreement](#)

Executive Summary:

This agenda item approves a consultant agreement with Strand Associates, Inc. for services related to the Water Storage Study. This study includes the evaluation of new water storage devices and their ability to satisfy water system demands from new developments. After the study, Strand will move into design of the selected improvements.

Background / Analysis:

The Carson Farm and Hi Point areas on the west and east side of the City will create water system demand distant from existing water system pressure sustaining devices. This distance during peak demand hours is expected to reduce pressures to other customers. To mitigate this impact, larger looped pipes surrounding the new developments and new storage device(s) with pressure boosting equipment are likely to be recommended.