



# CITY OF IOWA CITY COUNCIL ACTION REPORT

December 12, 2023

Resolution awarding contract and authorizing the Mayor to sign and the City Clerk to attest a contract for construction of the Wastewater Treatment Facility Improvements Project.

Prepared By: Ben Clark, Sr. Engineer  
 Reviewed By: Jason Havel, City Engineer  
 Ron Knoche, Public Works Director  
 Geoff Fruin, City Manager  
 Fiscal Impact: \$1,398,000 available in the available in the Wastewater Treatment Facility Improvements 2022 account #V3175  
 Staff Recommendation: Approval  
 Commission Recommendations: N/A  
 Attachments: [Resolution](#)

**Executive Summary:**

This agenda item awards the construction contract for the Wastewater Treatment Facility Improvements Project. Two (2) bids were submitted prior to the November 30, 2023 deadline:

Contractor	City	Bid Amount
WRH, Inc.	South Amana, IA	\$1,398,000.00
Tricon General Construction	Cedar Rapids, IA	\$1,681,000.00
Engineer's Estimate		\$1,350,000.00

Staff recommends awarding the contract for the Wastewater Treatment Facility Improvements Project to WRH, Inc. of South Amana, Iowa.

**Background / Analysis:**

This project will incorporate three capital improvement projects into one construction contract, including: influent flow monitoring, grit classifiers, and biosolids conveyor improvements.

The existing in-channel area velocity sensor/meter will be replaced with a parshall flume for increased flow measurement accuracy and confidence, which are imperative for plant operations. This will require channel modifications, flume and sensor installation and programming into the headworks programmable logic controller.

The grit classifiers were installed in 2002 and required a major frame repair in 2015, as well as multiple rotating part replacements over the past 5 years. The equipment is at the end of its useful design life, and with improvements in technology, the new classifiers will be more effective at dewatering and will produce a drier grit.