



Agenda Memo

Crest Hill, IL

Meeting Date:	12/11/23
Submitter:	Blaine Kline, Director of Public Works
Department:	Public Works
Agenda Item:	Recommendation to move forward with a purchase order to Cornwell Engineering Group for Corrosion Control Treatment Study

Summary:

As part of the ongoing water source change, a corrosion control treatment study is needed to analyze the effects of the different water chemistry on service lines and resident-owned pipes. This study is an IEPA requirement for all Grand Prairie Water Commission members. Cornwell Engineering will use water from our current system compared to water from Lake Michigan and analyze how the pipes are affected by this change in water sources. Staff will work with a handful of residents to have current pipe segments removed and sent to Cornwell Engineering for analysis. A certified plumber will perform the pipe removal and replacement. This study will determine the most effective chemicals to feed to the distribution system prior to the water source change. Most of this study will be paid in FY 24-25, but a PO is necessary to begin the project. This project was included in Representative Lauren Underwood's Community Project Funding and an approved amount of \$200,000 is to be received as part of the federal budget year which started in October of 2023. This funding could be removed from the federal budget but at this moment it is recommended and approved by Representative Underwood.

Recommended Council Action:

Move forward with a purchase order for the Corrosion Control Treatment Study to Cornwell Engineering Group for \$284,000

Financial Impact: n/a

Funding Source: FY 24-25, 07-06-5332

Budgeted Amount: \$300,000

Cost: \$284,000

Attachments:

Cornwell Engineering Group CCT Study

Rep. Underwood Letter