



**CITY COUNCIL MEETING
STAFF REPORT**

Meeting Date: May 6, 2024		Subject: Resolution No. 3136 Intergovernmental Agreement (IGA) with Clackamas County regarding Fiber Connections to City Reservoirs	
		Staff Member: Andy Stone, IT Director	
		Department: Information Technology	
Action Required		Advisory Board/Commission Recommendation	
<input checked="" type="checkbox"/> Motion <input type="checkbox"/> Public Hearing Date: <input type="checkbox"/> Ordinance 1 st Reading Date: <input type="checkbox"/> Ordinance 2 nd Reading Date: <input checked="" type="checkbox"/> Resolution <input type="checkbox"/> Information or Direction <input type="checkbox"/> Information Only <input type="checkbox"/> Council Direction <input checked="" type="checkbox"/> Consent Agenda		<input type="checkbox"/> Approval <input type="checkbox"/> Denial <input type="checkbox"/> None Forwarded <input type="checkbox"/> Not Applicable Comments: N/A	
Staff Recommendation: Staff recommends Council adopt the Consent Agenda.			
Recommended Language for Motion: I move to adopt the Consent Agenda.			
Project / Issue Relates To:			
<input type="checkbox"/> Council Goals/Priorities:	<input type="checkbox"/> Adopted Master Plan(s):	<input checked="" type="checkbox"/> Not Applicable	

ISSUE BEFORE COUNCIL:

Consideration of an Intergovernmental Agreement between Clackamas County and the City of Wilsonville for the construction of fiber infrastructure to Elligsen Road and C Level reservoir sites.

EXECUTIVE SUMMARY:

The City of Wilsonville is looking to partner with Clackamas County to bring fiber connections to City reservoirs located at Elligsen Road and SW 82nd Avenue, referred to as the C Level reservoir. The fiber connection will allow the City to meet increasing security requirements for water infrastructure, set forth by the federal government, including secure site access and security cameras.

The Elligsen and C Level reservoir sites are located in areas that are a great distance from our existing fiber infrastructure, forcing communication to occur via radio or cell connections. The cost to build from existing City fiber assets to these sites is cost prohibitive, estimated to be around \$800,000. Clackamas Broadband Exchange (CBX) has assets near the reservoirs and is willing to build new connections to these remote sites. The City currently works cooperatively with CBX on several fiber projects.

The City will fund the build of the two sites at a cost of \$224,900. CBX will construct and maintain the infrastructure moving forward. Once constructed the City will lease fiber pairs from the CBX network to transport data back to the City network for telemetry and security purposes. This will cost \$255.00 per month per connection. The total number of connections needed will be determined and budgeted by the Utilities department.

EXPECTED RESULTS:

This project will bring fiber to the Elligsen and Level C reservoir sites. New security measures can be implemented at these sites using the new communication method.

TIMELINE:

Based on the project schedule, construction will begin in June of 2024 with estimated completion by the fall of 2024.

CURRENT YEAR BUDGET IMPACTS:

Funding for this project is part of CIP 8093 within the fiscal year 2023 -2024 budget.

COMMUNITY INVOLVEMENT PROCESS:

N/A

POTENTIAL IMPACTS OR BENEFIT TO THE COMMUNITY:

The project will provide cost effective network access to two remote reservoir sites that will allow the City to meet security requirements set forth by the federal government.

ALTERNATIVES:

Continue to rely on cell and radio communication methods which would prohibit the use of security cameras and card access systems at the reservoir sites.

CITY MANAGER COMMENT:

N/A

ATTACHMENTS:

1. Resolution No. 3136
 - A. Contract
 - B. Map