

**Town of Lyons, Colorado
Board of Trustees
BOT Agenda Cover Sheet
Agenda Item No: XI.4
Meeting Date: Nov 1, 2021**

TO: Mayor Angelo and Members of the Board of Trustees
FROM: Aaron Caplan, Director of Utilities & Engineering
DATE: Oct 27th, 2021
ITEM: Resolution 2021- 115 Awarding the Contract for the Welch Ct. Sewer and 1st Ave. Water Line Project to CGRS, Inc.

ORDINANCE
 MOTION / RESOLUTION
 INFORMATION

- I. **REQUEST OR ISSUE:** Accept the bid from CGRS Inc. and award them the contract for the Welch Ct. Sewer and 1st Ave. Water Line project
- II. **RECOMMENDED ACTION / NEXT STEP:** Approve the Resolution to award the contract to CGRS Inc.
- III. **FISCAL IMPACTS:** The contract is for a not to exceed amount of \$238,238.00 to be funded by the American Rescue Plan funds.
- IV. **BACKGROUND INFORMATION:** The sewer system at the end of Welch Ct. has backed up twice in 2021 and previously two or three years ago. Working to determine the cause of the backup has shown a combination of issues appear to cause the backup.

The manhole downstream from the issue is where the pressurized sewer line from our McConnell Lift Station dumps sewage into the gravity sewer system. The gravity system from this manhole continuing on 2nd Ave to the wastewater treatment facility is almost flat at this location.

There are sags in the sewer line that connects Welch Ct. to 2nd Ave. The pressurized sewage appears to come out of the line and back up into the Welch Ct. line rather than continue downstream, to the treatment facility. The sags in Welch Ct. collect solids that over time build up to plug the line. See included Memo for more detailed information from the engineer.

The fire hydrant flows from the fire hydrants on 1st Ave are not sufficient to meet the Town and Lyons Fire Protection Districts recommended 1,000 gallons per minute at 20 pounds of pressure. The water line connecting these hydrants is connected to the low-pressure portion of the water system. Records of hydrant flows back as far as 2008

show these hydrants had lower flows even at that time indicating it does not appear to be a recent issue or blockage in the system. There is a line from the high-pressure portion of the water system about 200 feet from the intersection of 1st and 2nd Ave. This project will disconnect 1st Ave from the lower pressure portion of the system and connect to the high-pressure system by adding an additional 200 foot of pipe.

V. **LEGAL ISSUES:** None

VI. **CONFLICTS OR ENVIRONMENTAL ISSUES:** None

VII. **SUMMARY AND ALTERNATIVES:**

Approve the resolution to award the contract

Request the contract be amended

Deny the resolution and require a new Invitation for bids

Proposed Motion: “I move that Resolution 2021-115 be approved for a professional services agreement with CGRS for infrastructure improvements.”