Selection of Local Network Solutions (LNS) for Professional Services related to the Network Redesign and Configuration

The Network Redesign and Configuration project began in 2022 and is a 4-phase project that will allow the City network to be redesigned and configured to adapt to today's needs while also providing the flexibility for expansion in the next 5-10 years. The 4 phases are listed below with a rough estimate of how many consultant hours will be required for each phase:

1. Discovery and project planning (*40 hours - Complete*).
2. Equipment migrations, decoms and port moves (*80-120 hours*).
3. Vlan segmentation (*140-180 hours*).
4. IP routing segmentation (*140-180 hours*).

Local Network Solutions (LNS) – The City has been working with LNS for 7-years. LNS is the company that Velocity Broadband uses to provide level-3 network support in troubleshooting fiber related issues such as programming, switching, and connectivity. LNS continues to provide their services in a responsive, reliable, and cost-effective manner.

City IT Staff began using services from LNS in 2022 for assistance with programming equipment and a few minor network configuration tasks. In the fall of 2022, LNS worked with City IT Staff to begin the process of laying out a citywide network redesign allowing the City's network to improve its security posture and provide a higher level of connectivity and redundancy. The initial phase of this project included a discovery exercise including tasks such as, an equipment review, creating a network diagram, and documentation of existing routing/switching domains.

The second and third phase of this project will be the focus of this contract. Once the equipment is purchased, the installation, programming and reconfiguration of this equipment will be administered by a consultant.

After the completion of the first phase of this project, the quote provided by LNS estimated that this project will take 160 hours to complete.

To acquire a comparison quote for the type of services that are required for this project, Velocity Broadband Staff contacted CentraComm who are another vendor that provides these types of services. This quote was requested in January of this year.

- The hourly rate quoted by CentraComm was $250 per hour.
- The hourly rate quoted by LNS is $130 per hour.

Due to the City of Hudson being a customer for several years, LNS has retained a very competitive hourly rate. IT Staff recommend the selection of LNS to provide the required professional services for this project.