

# PERMANENT FULL-TIME EMPLOYMENT OPPORTUNITY BROADBAND SYSTEMS ANALYST

Competition #: BSA-07072022



The Municipality of Pictou County (MOPC) is helping to bridge the digital divide for citizens and businesses throughout Rural Pictou County Nova Scotia by investing in and deploying network and internet infrastructure in underserved areas of the County. Network infrastructure will include both wireless and fibre optic technologies and is based on state-of-the-art hardware, virtualized network functions and network automation technology that will allow for "tenants" or 3rd party internet service providers (ISPs) to offer their unique services to residential and business customers in underserved areas of Rural Pictou County.

MOPC is seeking to fill a new permanent full-time non-unionized position within the Department of Innovation and Transformation for the role of Broadband Systems Analyst. Reporting to the Chief Administrative Officer or his/her designate, this position will support day-to-day network operations of the County of Pictou's Rural Broadband network.

Salary will be based on credentials, proven knowledge, education, and experience. **The successful applicant will be required to undertake criminal record and background checks.** This position is subject to a 6-month probationary period. Regular hours are Monday to Friday 8:30AM to 4:30PM, overtime and afterhours support may be required from time to time.

### Roles and Responsibilities:

- Monitor network health and capacity dashboards
- Support network operations team including hosting and systems management environments
- Through consultation with the network operations team, provide a stable and feature rich environment for operations support systems (OSS) and business support systems (BSS)
- Support tenants and 3<sup>rd</sup> party ISPs; where applicable including any 'in-the-field' fibre optic cross-connects, incidents, routine and preventative maintenance objectives and longer-term capacity planning and expansion opportunities

### Education and Credentials Required:

- The successful individual must have a high technical aptitude to understand a broad range of technologies such as wireless, fibre optics, edge computing, virtualized network function (VNF) technologies and virtualized and container-based server environments
- A thorough and demonstrated technical understanding and experience in administering and supporting network transport technologies such as carrier grade ethernet, MPLS or other SD-WAN technologies, internet transit technologies and services and routing protocols such as BGP and OSPF
- The individual must be able to effectively interact and support a variety of partners including tenants or ISPs as customers, as well as a variety of suppliers of the Rural Broadband Network
- Proven work experience in supporting live production environments with the various technologies outlined in this employment opportunity with a minimum of five years experience
- Post-secondary education with a focus on a network administration-based curriculum
- Related technology certifications will be considered an asset
- Must have a valid driver's license and a reliable vehicle

### Closing Date & Applications:

- Applicants are invited to submit their resume with cover letter in confidence to the undersigned **no later than 4PM on July 28<sup>th</sup>, 2022**
- Personal information collected through the recruitment process will be used solely to determine eligibility for employment and handled in accordance with the Freedom of Information and Protection of Privacy Act, Nova Scotia
- The Municipality of Pictou County is an equal opportunity employer. Only those selected for an interview will be contacted. **When applying for this position please quote competition#: BSA-07072022**

Municipality of Pictou County  
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Email: [employment@ruralmopc.net](mailto:employment@ruralmopc.net), Confidential Fax: (902) 755-2501

*The Municipality of Pictou County values diversity and inclusiveness, and encourages applications from all qualified candidates including indigenous, visible minorities, and women. On behalf of the Municipality of Pictou County, we thank all those who apply; however, only those selected for an interview will be contacted.*