



## Full Time - Central Office Technician - Prince Rupert

<b>Department:</b>	Inside Plant
<b>Position:</b>	Full Time - Central Office Technician - Prince Rupert
<b>Hours of Work:</b>	As per IBEW 213 Collective Agreement, Article 7.01(a), 07.02, 07.03
<b>Salary:</b>	As per IBEW 213 Collective Agreement, Article 27 – Inside Plant
<b>Reports To:</b>	ISP Operations Manager

CityWest is seeking a CO Technician with solid knowledge and fundamentals supporting, repairing, and maintaining the components for AC/DC power plants, DWDM transports, switches, routers, radio, and microwave solutions. This role will install, maintain, and support copper, coax, ethernet and fiber optics cable system and add/remove splitters in FTTH Fiber Distribution Nodes (FDN). The ability to troubleshoot and repair Nortel's DMS 100 series central office is an asset. This role will also conduct traffic studies, review equipment trouble records, prepare specifications for new equipment, and make periodic maintenance and progress reports to the CO Technician Supervisor. The successful candidate is a team player with the ability to work remotely 50 to 75% of the time.

### Essential Job Functions:

- Provide support and training to the Central Office Technician team.
- Effectively assist supervisor with distribution of tasks and responsibilities within the department as well as provide support and coverage.
- Assists supervisor with the preparation of work schedules and assignment of work.
- Perform installation, maintenance, and repairs of central office equipment.
- Acceptance testing, activation, and deactivation of new central office equipment
- Manage racks, wiring and cabling in central office, contracted collocate area telecommunication rooms and equipment stations.
- Perform regular inspection and maintenance of central office heating, cooling, and power.
- Identify equipment problems in a timely manner and recommend areas for improvement.
- Maintaining adequate stock levels for Central Office technician department.
- Ensures upgrades and changes are completed with the least negative impact of service.
- Collects data and prepares traffic studies and cost separations and submits required regulatory reports.
- Creates and maintains documentation for installations, maintenance, repairs, and inspections.
- Comply with health, safety, and environmental policies.
- Demonstrates predictable and reliable attendance.
- Other related duties as required.



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### Knowledge, Skills, and Abilities:

- Knowledge of Telecommunications, transport, and digital switching technology
- Knowledge of Central Office equipment
- Knowledge and high-level understanding of telephony and electricity
- Knowledge of Fujitsu transport equipment
- Knowledge of Digital Telecommunications
- Knowledge of Fiber Optic Technology
- Knowledge of Nortel DMS 100 Series
- Knowledge of company products and services
- Knowledge of company policies and procedures
- Knowledge of industry regulations
- Skill in fiber Optic Network maintenance and troubleshooting
- Skill in DWDM technology, timing, and synchronization
- Skill in Optical Ethernet and TDM systems
- Skill in Microwave Radio
- Skill in installation and maintenance of Lease T1, T3, DS1 and SONET Circuits
- Skill in DSL maintenance, installation, and troubleshooting
- Skill in routing and switching equipment and IP addressing.
- Skill in analytical thinking and problem solving.
- Skill in AC/DC Power Maintenance and generators.
- Skill in Nortel DMS-100 Series
- Ability to communicate with co-workers and various business contacts in a professional and courteous manner.
- Ability to read and interpret documents such as schematics, blueprints, and circuit diagrams.
- Ability to pay close attention to detail.
- Ability to evaluate, test, and repair sophisticated equipment.
- Ability to improve or redesign procedures for specific installation/repair problems.
- Ability to work independently and make sound technical decisions using information at hand.
- Ability to create a team environment and sustain employee morale.

### Education and Experience:

Associate degree in engineering or equivalent five to ten years' experience in Central Office operations or Computer Engineering. A Networking (IP) or Telecommunication background, and IT certifications preferred.

**\*\*Must have valid driver's license**



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### Physical Requirements:

Physical Requirements	0-24%	25-49%	50-74%	75-100%
<b>Seeing:</b> Must be able to service orders and trouble reports				X
<b>Hearing:</b> Must be able to hear well enough to communicate with employees and business contacts.				X
<b>Standing/Walking:</b> Must be able to move about work site			X	
<b>Climbing/Stooping/Kneeling:</b> Must be able to stoop, kneel and crawl to perform installations		X		
<b>Lifting/Pulling/Pushing:</b> Must be able to lift at least 40 lbs.		X		
<b>Hands/Grasping/Feeling:</b> Must be able to write, type and use phone system and test equipment				X
<b>Travelling:</b> Must be able to travel in any time as required			X	

### Working Conditions:

This factor measures the surroundings or physical conditions under which a job must be done and the extent to which those conditions make the job disagreeable.

Consider the presence and relative amount of exposure to dust, dirt, heat, fumes, contaminants, cold, noise, vibration, wetness, etc.

Good working conditions: may involve occasional exposure to some of the elements listed above.

Please note that interviews and assessments may be required to determine skills and qualifications for the position. Please submit a cover letter & resume to the attention of Human Resources by email to [recruitment@cwct.ca](mailto:recruitment@cwct.ca)