

THE NAVAJO NATION
Department of Personnel Management
JOB VACANCY ANNOUNCEMENT

REQUISITION NO: DGS1403079

Date Posted: 04/11/11

POSITION NO: 242179

Closing Date: 04/22/11

CLASS CODE: 4030

POSITION TITLE: Radio Technician

DEPARTMENT NAME: DGS/Navajo Nation Telecommunication & Utilities (NNTU)

DEPARTMENT NO: 140 WORKSITE LOCATION: Window Rock, AZ

WORKS DAYS/HOURS: POSITION TYPE: GRADE: R60A

Days: Mon - Fri

Permanent:

SALARY:

Hours: 8am - 5pm

Temporary:

Duration: _____ \$ 26,956.80 Per Annum

Part-Time:

No. of Hrs/Wk: 40 \$ 12.96 Per Hour

DUTIES AND RESPONSIBILITIES:

Installs, tests, modifies, repairs and maintains communication equipment for radio transmitters, receivers and other communication equipment in vehicles and permanent locations in accordance with Federal Communications Commission (FCC) rules and regulations; ensures licensure, frequency coordination, reporting and records maintenance are in compliance with FCC rules and regulations; adjusts, repairs or replaces system components, including programming and reprogramming software; maintains all circuits, hardware and related equipment and facilities to optimum performance; provides technical expertise in the consideration of equipment and system needs and concerns; prepares equipment specifications for review/approval and subsequent purchase; maintains inventory of equipment and parts, equipment operating and maintenance manuals and equipment history records; monitors radio messages between stations or vehicles to ascertain the efficiency and clarity of messages; maintains antenna systems and antenna supports. Designs and constructs new radio equipment in accordance with specified requirements including modification for desired use; collects, inputs and utilizes data within the communications database systems; prepares records, reports and correspondence as required; works with outside entities and facilities; works with other entities, agencies and organizations in performing duties; takes field strength measurements to determine operational coverage of transmitters and takes periodic frequency, power input and modulation measurement of transmitters; keeps abreast of new communication technology and provides recommendations for improved communication; instructs and informs departmental personnel on the proper use, care and operation of radio communication in accordance with FCC rules and regulations.

QUALIFICATION REQUIREMENTS:

Education and Training:

A high school diploma or GED; and completion of a two-year program in Electronic Technology; and two (2) years of experience in radio hardware and software installation and maintenance; or an equivalent combination of education, training and experience which provides the capabilities to perform the described duties. **(to receive full credit for education, training and experience, applicant must submit copies of transcripts, degrees, diplomas, certificates, etc.)**

PHYSICAL REQUIREMENTS AND WORK ENVIRONMENT:

Work requires continuous use of radio equipment, lifting and carrying radio antennas and equipment weighing up to 20lbs.; requires climbing heights of 176 feet above base. **Must possess a valid FCC Commercial Radio Operators License.**

Special Knowledge, Skills and Abilities:

Knowledge of current applicable Federal Communications Commission (FCC) rules and regulations.

Knowledge of radio communications systems and terminology.

Knowledge of basic principles and practices of radio communication hardware and software operations.

Knowledge of basic methods and techniques of determining radio hardware and software problems.

Knowledge of the tools and equipment used to test and calibrate electronic equipment.

Knowledge of methods and techniques of radio communication.

Knowledge of inventory control.

Skill in troubleshooting various radio communication problems.

Skill in understanding and following oral and written instructions.

Skill in communicating clearly and concisely, both orally and in writing.

Skill in establishing and maintaining effective working relationships.

Special Requirements: Must possess a valid state drivers license and must obtain a Navajo Nation Vehicle Operator's Permit within 90 days of employment. **VETERANS PREFERENCE APPLIES**

THE NAVAJO NATION GIVES PREFERENCE TO ELIGIBLE AND QUALIFIED APPLICANTS IN ACCORDANCE WITH THE NAVAJO PREFERENCE IN EMPLOYMENT ACT.

Revised: 1-15-99