



North Dakota Air National Guard Active Guard Reserve (AGR) Position Vacancy Announcement

**Human Resource Office
North Dakota Army National Guard
P.O. Box 5511
Bismarck, ND 58506-5511**

**Human Resource Office
North Dakota Air National Guard
119th WING/HR
1400 32nd Ave North
Fargo, ND 58102-1051**

Announcement Number: ANG 20-27

Application accepted from: 19 March 2020

thru close of business on: 2 April 2020

Position Title & Grade: RF Transmission Systems Craftsman, TSgt

Position No: 1056367

Location of Position: 119th AMXS, Fargo ND

Security Clearance: TS-SCI, Special Certification 8570

Earliest Fill Date: ASAP

Interviewing Supervisor: CMSgt Michael Holm, 119th Operations Group Superintendent

Appointment Factors:	AGR	ENLISTED	PERMANENT	NON- SUPERVISORY
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Area of Consideration:

Current Enlisted Members of the NDANG

Compatibility: 3D1X3

INDIVIDUAL DOES NOT NEED TO BE CURRENTLY ASSIGNED TO THIS CAREER FIELD TO BE CONSIDERED FOR THIS POSITION. COMPATIBILITY REQUIREMENTS MUST BE MET OR A SPECIFIC PLAN WILL BE DEVELOPED UPON SELECTION.

BRIEF DESCRIPTION OF DUTIES:

Deploys, sustains, troubleshoots and repairs standard radio frequency wireless, line-of-sight, beyond line-of sight, wideband, and ground-based satellite and encryption transmission devices in a fixed and deployed environment. Included are multiple waveform systems operating across the spectrum, keying and signal devices; telemetry, and instrumentation systems. Establishes and maintains circuits, configures and manages system and network connectivity. Manages organizational LMR device accounts.

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DUTIES AND RESPONSIBILITIES:

Performs/supervises wireless radio and satellite systems and equipment maintenance activities. Oversees work in progress and reviews completed repairs for sound maintenance practices. Establishes requirements for maintenance equipment, support equipment, tools, and spare parts. Requisitions, accounts for, and turns in supplies and material. Interprets inspection findings and determines adequacy of corrective action. Reviews and ensures compliance with maintenance management publications and procedures. Identifies maintenance problem areas and recommends corrective action. Recommends methods to improve equipment performance and maintenance procedures. Evaluates justification and practicability of proposed modifications. Develops and enforces safety standards for ground RF system maintenance activities.

Inspects wireless radio/satellite communications activities. Determines equipment operational status. Serves on teams to evaluate transmission systems activities. Interprets inspection findings submitted by other inspecting activities, and initiates corrective action. Determines adequacy of corrective action. Checks installed and repaired components for compliance with technical publications.

Resolves installation, repair, overhaul, and modification problems associated with communications equipment. Employs orbiting communication satellite, line-of-sight, and tropospheric scatter techniques. Installs, maintains, reconstitutes, removes, and modifies coaxial cabling, waveguide and antenna systems. Conducts tests to restore and maintain systems. Uses anti-jam equipment and techniques to neutralize effects of communication jamming. Uses layout drawings, schematics, and pictorial diagrams to solve maintenance problems. Analyzes construction and operating characteristics of equipment to determine source of malfunction. Performs intricate alignment and calibration procedures to ensure maximum operating efficiency. Determines repair procedures necessary to correct defective equipment.

Installs ground radio, satellite, and telemetry communications equipment. Consults layout drawings to ensure equipment is properly positioned. Checks equipment for serviceability prior to installation. Assembles, connects, secures, and interconnects components such as transmitters, power supplies, and antenna assemblies. Tests installed equipment for proper assembly of components and compliance with technical orders. Places in operation and tunes, adjusts, and aligns components to obtain maximum operating efficiency. Identifies and locates Radio Frequency interference sources.

Deploys and activates mobile and transportable transmission equipment. Refers to plans and equipment specifications to conduct site and equipment surveys, and establishes equipment systems interface. Unpacks, inspects, and positions communications equipment; erects antennas; and interconnects communications facilities.

Performs preventive maintenance on communications systems and related equipment. Inspects equipment at specified intervals to determine operational status. Replaces defective components. Performs operational checks. Updates maintenance data collection records and systems to document actions completed.

Repairs, overhauls, and modifies communications and related equipment. Isolates malfunctions using system checking procedures, required test equipment, analyzing voltage and waveform measurements, schematic diagrams, and equipment operating characteristics. Repairs equipment, including transmitters, receivers, transceivers, and related equipment. Tunes and adjusts components. Adjusts, aligns, and calibrates equipment for maximum operating efficiency. Fabricates and connects various types of antenna systems and transmission lines. Understands antenna fundamentals, including antenna theory and principles of rotators, amplifiers and control cables. Tests repaired components using bench mockups and related test equipment.

Maintains inspection and maintenance records to include organizational device accounts. Posts entries on maintenance and inspection records. Records meter readings and other pertinent data in equipment logs. Completes maintenance data collection forms.

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As part of the Cyberspace Support career field family, manages, supervises, and performs planning and implementation activities. Manages implementation and project installation and ensures architecture, configuration, and integration conformity. Develops, plans, and integrates base communications systems. Serves as advisor at meetings for facility design, military construction programs and minor construction planning. Evaluates base comprehensive plan and civil engineering projects. Monitors status cyber or communications-related base civil engineer work requests. Performs mission review with customers. Controls, manages, and monitors project milestones and funding from inception to completion. Determines adequacy and correctness of project packages and amendments. Monitors project status and completion actions. Manages and maintains system installation records, files, and indexes. Evaluates contracts, wartime, support, contingency and exercise plans to determine impact on manpower, equipment, and systems.

SPECIALIZED EXPERIENCE:

Knowledge of: electricity and radio theory, including transistors, solid-state components, and digital techniques applying to ground RF communications and related equipment maintenance; and interpretation of management information data, technical orders, blueprints, wiring diagrams, and schematic drawings is mandatory.

AGR MEMBERS ENTERING ON FULL TIME MILITARY DUTY (ORDERS WHICH ARE 3 OR MORE YEARS) MUST BE MEDICALLY QUALIFIED IAW AFI 48-123 & THE NGB/SGP CONSOLIDATED MEMORANDUM. INDIVIDUALS MUST HAVE A CURRENT PHYSICAL AND DENTAL EXAMINATION WITHIN TWELVE (12) MONTHS PRIOR TO ENTRY DATE, HIV TEST WITHIN THE LAST SIX (6) MONTHS, AND CARDIAC RISK INDEX ASSESSMENT FOR PERSONNEL AGE 40 OR OLDER. AGR ACCESSIONS ARE MEDICALLY APPROVED BY THE NORTH DAKOTA STATE AIR SURGEON; THOSE MEMBERS ON WWD WAIVER CONSIDERATION MUST BE APPROVED BY THE NGB/SGPA OFFICE.

1. **HOW TO APPLY:**

***FAILURE TO PROVIDE REQUIRED DOCUMENTS/ STATEMENTS WILL RESULT IN DISQUALIFICATION**

- a. Submit a complete & signed NGB Form 34-1 dated 11 Nov 2013, Application For Active Guard/Reserve (AGR) Position.
- b. Submit a Report of Individual Person (RIP) from vMPF.
- c. Fitness Test within the past 12 months, this can be retrieved from the AF Fitness Management System (AFFMSII) also on the Air Force Portal
- d. You may attach any documentation you feel is necessary or that will enhance your possibilities for selection (examples DD Form 214, certificates, diplomas, letters of recommendation, etc.)
- e. Applications must be submitted to the Human Resource Office (HRO) email inbox NO LATER THAN midnight on the closing date. HR commercial telephone: BISMARCK (701) 333-3298 or FARGO (701) 451-2267. Applications must be submitted via email to USAF ND 119 WG Mailbox HRO at address: usaf.nd.119-wg.mbx.hro@mail.mil.

2. **CONDITIONS OF EMPLOYMENT:**

- a. To be accessed in the AGR program, an individual must not have been previously separated for cause from active duty or a previous Reserve Component AGR tour.
- b. Initial AGR tour is contingent upon selectee meeting all medical standards as outlined in AFI 48-123 and medical standards directory. An HIV blood draw needs to be within last 6 months of initial AGR tour start date.

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- c. This vacancy announcement will be for an initial active duty tour of 6 years OR less. Subsequent tours will be six (6) years or less. Extensions beyond the initial tour will be based on information in ANGI 36-101 and current force management procedures.
- d. The selected applicant will be placed in Active Guard/Reserve (AGR) military duty status under Title 32 USC Section 502 (f).
- e. The incumbent will participate with the unit of assignment during unit training assemblies and annual training periods.
- f. The wearing of the appropriate military uniform, prescribed in pertinent regulations is required for the incumbent of this position.
- g. Acceptance of the position constitutes concurrence with these requirements as conditions of employment.

3. **EQUAL OPPORTUNITY:**

The North Dakota National Guard is an Equal Opportunity Employer. Selection for this position will be made without regard to race, color, religion, age, national origin, sex, political affiliation, membership or non-membership in employee organization or any other non-merit factor.

Visit us on the Web: www.ndguard.ngb.army.mil/joblisting

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