STATE OF IDAHO
invites applications for the position of:

IT Network Analyst, Senior

SALARY:	$37.25 - $48.43 Hourly
DEPARTMENT:	Division of Military
OPENING DATE:	12/03/21
CLOSING DATE:	Continuous
DESCRIPTION:	

STATE OF IDAHO
MILITARY DIVISION
Human Resource Office (HRO)
State Personnel Branch
4794 General Manning Avenue, Building 442
Boise, ID 83705-8112
Telephone: (208) 801-4273

STATE VACANCY ANNOUNCEMENT
Registers established from this announcement may remain valid up to one year to fill vacancies within the same classification.

A-M-E-N-D-M-E-N-T
This announcement is amended. The Closing Date has been extended.

ANNOUNCEMENT NUMBER:	**21-103-N**
AREA OF CONSIDERATION:	**Open to all applications**
POSITION TITLE:	**Information Technology (IT) Network Analyst, Senior**
PAY GRADE:	**NGA-12**
POSITION CONTROL NUMBER:	**1096**
CLASS CODE:	**22753**
SALARY:	**$37.25 to $48.43 hourly ($77,488 to $100,739 annually)**
FLSA CODE:	**Computer Worker Exempt**
DUTY LOCATION:	**Military Division, Communications and Information Technology (IT) Services Office, Gowen Field, Boise, ID**
TYPE OF POSITION:	**Civilian Nonclassified**
COMPATIBLE MILITARY FIELD:	**Not Applicable**

JOB TITLE: INFORMATION TECHNOLOGY NETWORK ANALYST, SENIOR
POSITION CONTROL NUMBER: 1096 & 1116
CLASS CODE NUMBER: 22753
SALARY GRADE: NGA-12

INTRODUCTION: This position is assigned to the Communications and Information Technology (IT) Services Office, functioning within the State of Idaho – Military Division. The primary purpose of this position is to support the Idaho Military Division (IMD) in carrying out the statutory responsibility of operating a provider class Multiprotocol Label Switching (MPLS) Internet Protocol (IP) network over the statewide microwave systems operated by Public Safety Communications (PSC). Incumbent is instrumental in the planning, maintenance and the day-to-day operations of the network used by multiple agencies throughout the State of Idaho for reliable, secure and robust statewide operations.

EXAMPLE OF DUTIES:

DUTIES AND RESPONSIBILITIES:

1. Serves on a team of subject matter experts for the Idaho Military Division (IMD) for designing, deploying, troubleshooting and operating network protocols for switching, routing, voice and video IP networks. Assists other Information Technology (IT) staff supporting the Cisco call managers and voice devices.

2. Leads technical staff in network planning, implementation and monitoring methods used to provide the best performance, security and availability of the networks IMD operates, including interfacing of PSC systems with other agency's network equipment and networks.

3. Designs system configurations for Cisco and Juniper routing and switching equipment.

4. Configures network security devices to provide a secure network while allowing necessary connectivity for applications and services to meet customer network needs.

5. Designs configurations for Cisco and Juniper routing and switching equipment that implement Quality of Service (QOS), traffic shaping and traffic policing policies to meet customer network Service Level Agreement (SLA) requirements, and preserves bandwidth for primary network uses.

6. Updates firmware and software of network devices to eliminate vulnerabilities that could be used in a cyber-attack.

7. Configures network devices to communicate with the network monitoring solution to monitor, generate reports, alert on outages, automate configuration changes, audit configurations based on polices, and analyze the networks for performance tuning requirements.

8. Assists in developing customer alerting and reporting services IMD provides for their networks.

9. Provides training to IT staff to promote and enhance skills in operating and maintaining Cisco gate keeper devices, Juniper and Cisco routers and switches, and other network devices.

10. Serves on a team of subject matter experts for voice over IP (VOIP) systems and their components including commercial circuits required to connect to the public switched telephone network (PSTN).

11. Promotes a respectful workplace that complies with policies of the Adjutant General. Observes and ensures compliance with all applicable laws, rules, regulations and policies and serves as a role model for the Whistleblower Protection Program, EEO, security and workplace safety practices, policies and regulations at all times. Maintains a safe and drug/alcohol free workplace.

12. Performs other related duties as necessary or assigned.

SUPERVISORY CONTROLS: Works under general supervision of the IMD Chief Technology Officer. Work is performed independently in most cases. Incumbent must display initiative, tact, and good judgment.   Incumbent independently plans, organizes, and carries out assignments, coordinates work with others, determines the approach and methodology to be used, and keeps the supervisor apprised of potential problems. Completed work is reviewed for technical aspects and efficiency of the programs managed, and feasibility of recommendations. Methods are not normally reviewed.

PERSONAL WORK CONTACTS: Contacts include management and staff of the Idaho Military Division, Idaho National Guard, and state agencies; city, county, state and federal employees; communications technicians from various public and private agencies, companies and organizations; and other parties as directed by supervisors and managers.

WORKING CONDITIONS / PHYSICAL EFFORT: The majority of work is performed in a well-lit climate-controlled office environment. Work requires some physical exertion, including lifting and carrying of moderately heavy items such as computer equipment and supplies up to 50 pounds. Incumbent may be required to climb a ladder for wiring. Work requires travel within the state, and may require additional travel outside of the state for conferences and training. Incumbent is required to work after normal work hours and on weekends, and may be required to deploy to the field during emergencies or disasters.   Field work may include travel to mountain top radio sites where working conditions could include confined spaces and challenging weather conditions.

FLSA Overtime Code: I (Computer Worker; straight-time)
WCC: 8810
EEOC: B02 (Professional)
DECEMBER 2021

MINIMUM QUALIFICATIONS:

QUALIFICATION REQUIREMENTS

Mandatory Requirements (conditions of employment)

- Must have and maintain a valid and unrestricted state issued driver's license (from any state).

- Must submit to and successfully pass a state background check, and must be eligible to obtain and maintain a "SECRET" security clearance through the U.S. Department of Homeland Security. (*At a minimum, a favorable suitability determination by the State Security Manager is required prior to appointment into this position*.)

- Must be able and willing to travel by all modes of transportation and stay at destinations for moderate to extended periods (generally not to exceed 2-weeks).

- Must be able and willing to work extended hours, nights and weekends, if required, to support after hours scheduling, outages and emergencies and disasters.

- Must possess a current or expired CCNA (Cisco Certified Network Associate) certificate or higher; or demonstrate 36-months of professional paid experience working directly on a provider class network.

Knowledge, Skills and Abilities (KSAs)
Applicants must have <u>36-months</u> of specialized experience performing related duties as specified below.

- Demonstrated education, training and experience of competency in each/any of the following:
  a. Designing, troubleshooting and deployment of OSPF networks. Designing, implementing or operating service provider class or military networks; BGP and MPLS experience preferred
  b. Cisco or Juniper routers, Cisco wireless access controllers, access points and switches
  c. Cisco Call Manager and related voice and video devices including bridges or other VOIP management experience
  d. VPN solutions; Palo Alto preferred
  e. Palo Alto Firewalls
  f. Two factor authentication methods, solutions, and operations
  g. Designing, troubleshooting and deployment of STP, VTP and other switching protocols
  h. Securing routers, switches, routing and switching protocols, and other network related devices
  i. Cisco ISE appliances
  j. Implementation of network security devices and network monitoring devices
  k. Implementation of IP policing/Shaping and the use of QOS
  l. Solar Winds Network management systems

- Skill interfacing IP networks with microwave or radio over IP transport systems.

- Ability in communicating technical instructions or descriptions to non-technical individuals about complex technical subjects.

- Skill with mobile device network management.

- Ability in documenting network design(s) and implementation(s). List any software tools and methods used to complete the documentation.

- Skill using network diagnostic tools to resolve an issue.

- Knowledge of Microsoft server products and active directory.

- Ability to develop and supervise major projects involving internet protocol networking devices.

- Skill in implementation of SNMP enabled device management systems.

CONDITIONS OF EMPLOYMENT:
a. Each person hired will be required to provide verification of eligibility to work in the United States and may be subject to a criminal background check.
b. Refer to the position description for the Mandatory Requirements for this position.
c. The State of Idaho, Military Division is an Equal Opportunity employer. Selection for this position will be made without regard to race, color, religion, national origin, sex (including gender identity, sexual orientation, and pregnancy), genetic information, political affiliation, marital status, and disability or age (which does not interfere with job accomplishment or job eligibility based upon the position description Mandatory Requirements). Appropriate consideration shall be given to veterans in accordance with applicable state and federal laws and regulations.

PERSONNEL MANAGER CERTIFICATION: The title, series, grade, duties and responsibilities are complete and accurate as written and a current or projected vacancy exists as advertised.

Gloria A. Duncan
Supervisory Human Resource
Specialist
Military Division – State Personnel
Branch

The HRO State Personnel Branch will not forward incomplete application packets for consideration.

SUPPLEMENTAL INFORMATION:

If you are unable to apply online, please contact the HRO office by phone 208-801-4273 or email hrobypass@imd.idaho.gov to discuss alternative options.

Thank you for your interest in employment with the Idaho Military Division.

IT Network Analyst, Senior Supplemental Questionnaire

* 1. **Mandatory Requirement (condition of employment)**: Must have and maintain a valid and unrestricted state issued driver's license (from any state).

   Provide written response regarding your willingness and ability to meet this condition of employment (have and maintain). DO NOT provide license info here.

* 2. **Mandatory Requirement (condition of employment)**: Must submit to and successfully pass a state background check, and must be eligible to obtain and maintain a "SECRET" security clearance through the U.S. Department of Homeland Security. (*At a minimum, a favorable suitability determination by the State Security Manager is required prior to appointment into this position.*)

   Provide written response regarding your eligibility, willingness and ability to meet this condition of employment.

* 3. **Mandatory Requirement (condition of employment)**: Must be able and willing to travel by all modes of transportation and stay at destinations for moderate to extended periods (generally not to exceed 2-weeks).

   Provide written response regarding your willingness and ability to meet this condition of employment.

* 4. **Mandatory Requirement (condition of employment)**: Must be able and willing to work extended hours, nights and weekends, if required, to support after hours scheduling, outages and emergencies and disasters.

Provide written response regarding your willingness and ability to meet this condition of employment.

* 5. **<u>Mandatory Requirement</u> (condition of employment)**: Must possess a current or expired CCNA (Cisco Certified Network Associate) certificate or higher; or demonstrate 36-months of professional paid experience working directly on a provider class network.

   Provide written response how you meet this condition of employment.

* 6. KSA: **Demonstrated education, training and experience of competency in each/any of the following:**
   a. Designing, troubleshooting and deployment of OSPF networks. Designing, implementing or operating service provider class or military networks; BGP and MPLS experience preferred
   b. Cisco or Juniper routers, Cisco wireless access controllers, access points and switches
   c. Cisco Call Manager and related voice and video devices including bridges or other VOIP management experience
   d. VPN solutions; Palo Alto preferred
   e. Palo Alto Firewalls
   f. Two factor authentication methods, solutions, and operations
   g. Designing, troubleshooting and deployment of STP, VTP and other switching protocols
   h. Securing routers, switches, routing and switching protocols, and other network related devices
   i. Cisco ISE appliances
   j. Implementation of network security devices and network monitoring devices
   k. Implementation of IP policing/Shaping and the use of QOS
   l. Solar Winds Network management systems

   Provide detailed written response describing your <u>specialized experience performing related duties</u> to demonstrate that you meet the minimum **36-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

* 7. KSA: **Skill interfacing IP networks with microwave or radio over IP transport systems.**

   Provide detailed written response describing your <u>specialized experience performing related duties</u> to demonstrate that you meet the minimum **36-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

* 8. KSA: **Ability in communicating technical instructions or descriptions to non-technical individuals about complex technical subjects.**

Provide detailed written response describing your <u>specialized experience performing related duties</u> to demonstrate that you meet the minimum **36-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

*   9. KSA: **Skill with mobile device network management.**

Provide detailed written response describing your <u>specialized experience performing related duties</u> to demonstrate that you meet the minimum **36-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

* 10. KSA: **Ability in documenting network design(s) and implementation(s).** *List any software tools and methods used to complete the documentation.*

*Provide detailed written response describing your <u>specialized experience performing related duties</u> to demonstrate that you meet the minimum **36-month** requirement. Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

* 11. KSA: **Skill using network diagnostic tools to resolve an issue.**

Provide detailed written response describing your <u>specialized experience performing related duties</u> to demonstrate that you meet the minimum **36-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

* 12. KSA: **Knowledge of Microsoft server products and active directory.**

Provide detailed written response describing your <u>specialized experience performing related duties</u> to demonstrate that you meet the minimum **36-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

* 13. KSA: **Ability to develop and supervise major projects involving internet protocol networking devices.**

Provide detailed written response describing your <u>specialized experience performing related duties</u> to demonstrate that you meet the minimum **36-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

* 14. KSA: **Skill in implementation of SNMP enabled device management systems.**

Provide detailed written response describing your <u>specialized experience performing related duties</u> to demonstrate that you meet the minimum **36-month** requirement.

Response should be detailed and include specific examples of job duties performed, responsibilities, etc.

* 15. Unqualified or incomplete applicant packets will not be forwarded.
  Do you certify you attached any supporting/required documentation and given detailed written responses with your application packet before submitting?

  ❏ Yes ❏ No

* 16. Do you certify that all of the information and attached documents to this application are true, correct, complete and made in good faith? (This will constitute your official signature.)

  ❏ Yes ❏ No

* Required Question