CITY OF SOUTHFIELD
JOB OPPORTUNITY ANNOUNCEMENT
The City of Southfield is recruiting for the following career position

JOB CLASSIFICATION Network Engineer – Technology Services

STARTING SALARY ACS Grade N: $64,280 - $79,119

Excellent benefits, including medical, dental, vision, life insurance; defined benefit pension; holidays, vacation, and more

JOB DUTIES
- Maintain network and infrastructure solutions that are centered on Windows 2012/Active Directory, Storage Area Networks (SANs), VMware and Cisco converged network including network security.
- Ability to research, implement and maintain the following technologies and communicate effectively:
  - Cisco Unified Communications Servers (VoIP and Voicemail systems)
  - Checkpoint Firewall systems
  - Cisco switches and routers
  - SAN
  - VMware vSphere
  - Data Domain backup
  - Voice gateways
  - SIP voice and data circuits
  - Office 365 architecture

- Manage all aspects of the network infrastructure including VLAN design, routing, DHCP scopes, network addressing, SNMP, QOS, VPN and cabling requirements.
- Understanding of telecommunication technologies (voice circuits, SRST, wiring standards, Fax servers) and ability to work with vendors and various departments.
- Thorough understanding of basic and advanced network routing protocols.
- Actual experience working with Cisco command line operating systems (routers and switches)
- Network communication and other protocols and the OSI model. Protocols include but not limited to TCP/IP, DHCP, DNS, SIP, HTTP, HTTPS, SSL, FTP, RTP, SNMP, STP, SMTP, POP, IMAP, etc.
- Ability to configure and understand VLANs, subnetting and appropriate addressing procedures.
- Must professionally interact with existing technology staff and offer technical expertise when needed
- Performs other related duties as assigned

ADDITIONAL COMPENSATION: Standby Pay can be earned for up to 50 weeks of the year. This compensation pays 1 hour of straight time per day for being on-call after hours, holidays and weekends. Overtime pay is also available.

JOB REQUIREMENTS
- **Must Have :Cisco CCNP Certification**
- 2+ years administering a Firewall, VmWare, and SANs; VmWare Certification Pro VCP desired.
- 3+ years administering a Cisco VoIP environment in a production environment
- 5+ years administering Active Directory, Group Policy, Office 365,
- 5+ years designing network and security solutions.
- Bachelor's Degree in Computer Science (or 10+ years of equivalent work experience) in a related field plus 1 of the following certifications: VmWare Certification Pro VCP   Microsoft MCSE
  VmWare Certification Advanced Pro VACP is desired   Cisco Certified Network Associate (CCNA)
- Applicants MUST pass a level 3 comprehensive background clearance performed by the Southfield Police Department.

Applicants will be invited to further participate in the selection process based on the nature and extent of their related experience, training, and/or certification. The selection process will include a review of the applicant's experience for posted requirements, criminal history and driving record check, and an oral board interview. Each step of the process must be passed before the applicant will be moved to the next step.

APPLY AT: City of Southfield Human Resources Department, 26000 Evergreen, Southfield, Michigan 48076

Applications may be downloaded from the City's website at www.cityofsouthfield.com

Complete City of Southfield application packets must be received in the Human Resources Department no later than 5:00 p.m.

February 22, 2019

Vr January 18, 2019

NAME:_____

The following lists has been taken from the Job Opportunity Posting. Please circle the certifications that apply to you.
  o   Must Have :Cisco CCNP Certification
Bachelor's Degree in Computer Science (or 10+ years of equivalent work experience) in a related field plus 1 of the following certifications
  o   VmWare Certification Advanced Pro VACP desired   o   VmWare Certification Pro VCP
  o   Cisco Certified Network Associate CCNA   o   Microsoft MCSE

Other: _____

Please check the ones that apply to your experience and background:
  ___   2+ years administering a Firewall, VmWare, and SANs; VmWare Certification Advanced Pro VACP desired.
  ___   3+ years administering a Cisco VoIP environment in a production environment
  ___   5+ years administering Active Directory, Group Policy, Office 365,
  ___   5+ years designing network and security solutions.

Thorough understanding of communication methodology including:
- Manage all aspects of the network infrastructure including VLAN design, routing, DHCP scopes, network addressing, SNMP, QOS, VPN and cabling requirements.
- Understanding of telecommunication technologies (voice circuits, SRST, wiring standards, Fax servers) and ability to work with vendors and various departments.
- Thorough understanding of basic and advanced network routing protocols.
- Actual experience working with Cisco command line operating systems (routers and switches)
- Network communication and other protocols and the OSI model. Protocols include but not limited to TCP/IP, DHCP, DNS, SIP, HTTP, HTTPS, SSL, FTP, RTP, SNMP, STP, SMTP, POP, IMAP, etc.
- Ability to configure and understand VLANs, subnetting and appropriate addressing procedures.
- Ability to document all network changes using Microsoft Visio

  _____   Hands-on experience in the installation of servers, network operating systems and software upgrades.
  _____   Network routing protocols and concepts including RIP, OSPF and BGP.
  _____   Operational proficiency with Cisco enterprise class switches, routers and software.
  _____   SNMP and other system management and performance monitoring applications with a focus on Cisco Works.
  _____   Network communication protocols and the OSI stack in Local, Wide Area and VoIP networking environments.
  _____   VLAN's, QoS and their appropriate usage, configuration and monitoring.
  _____   Messaging system interactions and protocols including SMTP, IMAP and POP3.

Other: _____
Any other comments that will help us with evaluating your experience:

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