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| Job Title: | Technical Specialist - Cisco Network Engineer | Req No./Job Code: | 489296 |
| Department/Group: | PA Department of Transportation | Rate/Hr: | 54.95 |
| Start Date: | 02/13/2017 | End Date: | 09/30/2017 |
| Submission Deadline: | 01/30/2017 |  |  |

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| Special Notes: (if applicable) | \*\*\* Requires In-person Interview\*\*\*\* |

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| Job Description |
| PA Department of Transportation is looking for an experienced enterprise Cisco Network Engineer. Must be comfortable in a team environment but also self-motivated. Must be able to manage your time well and prioritize multiple tasks and projects. We are looking for highly technical, well spoken, eager individuals with numerous years of experience in a large enterprise environment. Certificates (i.e. CCNA/CCNP) are a plus but not required if the candidate possess the hands on experience that would be equivalent. CCNA highly preferred but enterprise experience is most important. General Responsibilities and required fundamental knowledge:• Perform day to day troubleshooting of network issues Layer 1- 7• WAN, LAN, WLAN, VOIP setup and troubleshooting• Routing and Switching• Switch port configurations• Router configurations• Security and ASA configurations• Site to site VPN tunnels on ASA• Understanding of various protocols including BGP, EIGRP, HSRP, VRRP• Daily interaction with our users and business partners. Excellent written and verbal communications skills a must• Travel possible when we have hardware deployments• Overnight or after hours work possible as with any network job but not the norm |

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| **Summary of Required Skills (Must be reflected on Resume)** |
| 4 year college degree or equivalent technical study | Nice to have |
| Centralized video management software (Genetec, VSOM, ETC) | 2 years |
| Knowledge of Voice and Video communication technologies including video codecs such as MPEG4 and H.264 | 2 years |
| ONVIF, PTZ serial protocols such as RS232 and 485, and camera installation | 2 years |
| CCNA/CCDA/CCNP/CCVP | Highly Desired |
| Multicast with IGMP and PIM | 2 years |
| Point to point wireless communication and radio communications | 2 years |
| Routing with emphasis on EIGRP and BGP protocols with multi VRF designs | 2 years |
| Firewall experience, rule add/remove/change, NAT, and site to site VPN | 1 year |
| FireTide | Nice to have |
| CCTV/Security | 1 year |