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| Job Title: | Technical Specialist 1 | Req No./Job Code: | 487477 |
| Department/Group: | PA Dept of Transportation | Rate/Hr: | 54.95 |
| Start Date: | 02/06/2017 | End Date: | 09/30/2017 |
| Submission Deadline: | 01/17/2017 |  |  |

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| Special Notes: (if applicable) | Requires In-person first round interview |

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| Job Description |
| Penndot is searching for an experienced enterprise Network/Video Engineer to fill an open position on an existing team. This team is focused on the design, monitoring, and management of our network and video distribution systems.Must be comfortable in a team environment but also self-motivated. Must be able to manage time well and prioritize multiple tasks and projects. Candidate should be highly technical, well spoken, eager individual 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. General Responsibilities and required fundamental knowledge:• Network Video distribution• Knowledge of Voice and Video communication technologies including video codecs such as MPEG4 and H.264• ONVIF, PTZ serial protocols such as RS232 and 485, and camera installation• Central video management software.• Genetec Security Center video archiver• Multicast with IGMP and PIM• Firewall experience, rule add/remove/change, NAT, and site to site VPN• Routing with emphasis on EIGRP and BGP protocols with multi VRF designs.• Switching with emphasis on non-Cisco devices, STP, and fiber switches.• Point to point wireless communication and radio communications• Documentation, Visio 2010+, database experience, excel.• Perform troubleshooting of network issues • Daily interaction with our users and business partners. (Excellent written and verbal communications skills a must)• Travel possible when there are 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 (Should be reflected on Resume)** |
| 4 year college degree or equivalent technical study | Preferred |
| 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, Preferred |
| ONVIF, PTZ serial protocols such as RS232 and 485, and camera installation | 2 years, Preferred |
| CCNA/CCDA/CCNP/CCVP | Nice to Have |
| Multicast with IGMP and PIM | 2 years, Preferred |
| Point to point wireless communication and radio communications | 2 Years, Preferred |
| Routing with emphasis on EIGRP and BGP protocols with multi VRF designs | 2 years, Preferred |
| Firewall experience, rule add/remove/change, NAT, and site to site VPN | 1 year, Preferred |
| FireTide | 1 Year, Good to have |
| CCTV/Security | 1 Year, Good to have |