

FALCONWOOD INC.

About Falconwood, Inc:

Falconwood, Inc. is a small, woman/veteran-owned business providing executive level consultants and programmatic support to Department of Defense (DoD) Information Technology (IT) initiatives and programs.

We provide expert consultation on a diverse range of IT subjects focusing on acquisition strategy, implementation activities and Information Assurance policy and engineering.

We have an immediate opening for **Network Transport Engineer** that will directly support the Naval Enterprise Networks Chief Engineer (CHENG). This role will provide technical advisory support to the government in the planning and execution of Network Transformation and Modernization projects for the Navy. The Network Transport Engineer will analyze technical requirements, identify technical risks, and assist the government in the analysis of alternatives to provide solutions to modernize the Navy's enterprise Networks. The role will work collaboratively with the government, industry partners, and contractors develop and maintain a network technology roadmap for the Navy that will enable to Navy to transition to cloud-based services and optimize the end-user experience throughout this transition.

Duty Location:

Washington, DC Navy Yard

**Minimal travel may be required.*

The Transport Engineer will:

- Analyze Navy mission requirements and provide strategic recommendations in the form of white papers, Business Case Analysis (BCA), technology and business roadmaps, authoring and editing of Statements of Objectives (SOOs) to the Contractor, and by engaging in Integrated Product Teams (IPTs).
- Collaborate with industry partners to help the Navy develop technology modernization strategies and roadmaps for delivery of IT services to the modern warfighter and assist the Navy with technology refresh and modernization planning (TRMP).
- Provide technical planning and support for various strategic initiatives; such as, Joint Information Environment/Joint Regional Security Stack Migration, Cloud Transition, Office 365, DISA Optical Core, Cloud Access Point and Unified Capabilities.
- Provide technical advisory support throughout the acquisition lifecycle to validate and ensure that Navy IT acquisitions are meeting the intended requirements and

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to assist the government in the mitigation of risks related to cost, schedule, and delivery.

- Assist in circuit & transport design solutions, validate Telecommunication Service Request (TSR) & Telecommunication Service Order (TSO).

Required Qualifications:

- Minimum SECRET clearance
- Bachelors degree or equivalent related experience preferably in an engineering discipline related to computer engineering, telecommunications or similar field.
- In-depth understanding and experience with a wide range of networking technologies and architectures for delivery of network transport services over enterprise WAN, CAN, and LAN environments.
- Experience with external routing protocols, MPLS, BGP, EGP, EIGRP, IS-IS, OSPF, RIP etc. Experience with Network Management and Element Management Systems
- Familiarity with WAN transport technologies including DWDM, ROADM, CWDM, OTN, SONET/SDH, Core/Edge Routers and legacy TDM Networks.
- Experience with circuit engineering (circuit analysis, circuit design).
- Experience with Routing/Switching Technologies - Cisco Routers (3900, 2900, 1900, 800 Series), Cisco Catalyst Switch (6500, 5500, 4900, 4500, 3750, 3560-X, 3100), Cisco Nexus 1kv, 2k, 5k Series Routers & Switches - WAN, LAN, TCP/IP, Cisco IOS, Spanning Tree Protocol, BPDU, CDP, ACL, NAT, PAT, RIP, RIPv2, OSPF, OSPFv3, EIGRP, BGP, MPLS, VTP, SNMP, SMTP, ARP, TCP, UDP, Static Routing, Stub Routing, VLAN, VLAN Trunking, VXLANs, Multicast routing, HSRP, SVI, CEF, Etherchannel, Portfast, VSS, VPC.
- Experience with Security/Firewalls Technologies - Cisco Security Manager Suite, Cisco ASA 5500 series firewalls, Cisco FWSM, Cisco IPS/IDS, Cisco ACS, Advanced Firewall Manager (AFM), Cisco ASA, Protocols & Standards - AAA, TACACS+, RADIUS, SSH, VPN, IPSec, SSL/IPSec, Data Loss Prevention, Data Management Zone, Port Security, MAC Address Filtering
- Experience with Wireless/Voice Technologies - Cisco WLC, IEEE 802.1x & 802.11, WLAN, WAP, AP, SSID, LWAPP, Aironet, Bluetooth, Avaya, AURA - Voice Over Internet Protocol (VoIP), VoIP/SIP, CUCM, UCCM, UCCX, MGCP, RSTP, SCCP, STP, Quality of Service (QoS), PoE, MMDS, LMDS, CCK, DSSS

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- Experience with Monitoring/Data Center Technologies/APPS - Wireshark, Remedy, Cacti, Nagios, VMware, SolarWinds, Cisco Security Manager Suite, Server, Sniffer, Ethereal, Orion - VMware, F5 Big-IP load balancing (GTM/LTM), Cisco AnyConnect VPN mtg, Cisco Prime, Cisco IPS/IDS, SNMPv2c, SNMPv3, DNS, DHCP, FTP, Telnet, HTTP(S), SMTP, tunneling protocols, SFTP.
- Must have strong troubleshooting, technical writing and verbal communication skills.

Desired:

- Experience in large IT environments (100,000+ users).
- Familiarity with Department of Navy (DON) command organization and IT infrastructure is a plus.
- Understanding of Joint Integrated Environments (JIE) and JRSS is a plus.
- Familiarity with Navy Marine Corps Intranet (NMCI) and other Navy network environments is a plus.
- Must have an **Active Secret security clearance**.

Please reply directly to this position description with an updated resume and your salary requirements directly to Tiffany Cannon at tcannon@falconwood.biz.

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