

Title: OCTO Wireless Network Engineer - Level 2
Region: District of Columbia

Req ID: 592330

Details**Requisition Details**

Req. Class: ITCV1 : 2-Journeyman
Region: District of Columbia

Title: OCTO Wireless Network Engineer - Level 2

Req. Status: Open

No. of Openings: 1
No. Filled: 0

Start Date: 04/29/2019

No New Submittals After: 04/12/2019

Worksite Address: 655 15th St. NW, Suite 500

Agency Interview Type: In Person

Advanced Technical Screening Required?: No

Existing Incumbent Resource?: Yes

Hours/Units per day: 8

Days per week: 5

Requisition Description

Engagement Type: Contract

Short Description: A minimum of 6 years experience in wireless design, deployment and troubleshooting

Complete Description: Responsibilities: 1. Site Surveys - Conduct site surveys at proposed locations with emphasis on the following key factors - RF Analysis, proximity to fiber infrastructure; evaluation of internal and external building structure for indoor and outdoor wireless Access Point installation; identification of power and networking equipment; 2. Design - prepare wireless design packages and bill of material as per OCTO's standard 3. Deployment - configure and deploy critical wireless network and infrastructure as per the design document and standard 4. Operation – Participate in the daily operational activities/provide day-to-day analysis and proactive maintenance; perform daily system monitoring, verifying the integrity and availability of all hardware, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs; utilize experience, technical knowledge and skills to identify and optimize capacity and performance issues for highest service availability and integrity; gather necessary information on bug fixes, patches and vulnerabilities to routinely maintain the wireless infrastructure; 5. Troubleshooting - identify and resolve wireless connectivity issues; performing independent complex wireless network systems troubleshooting; 6. Field support - work closely with peers and cross functional teams to troubleshoot and resolve issues at customer locations 7. On-Call - As a primary or secondary support staff participate in the 24x7 on-call rotation and associated incident/problem resolution, periodic communication update, remediation plans, tickets closure, etc. 8. Other Responsibilities - plan, coordinate, and monitor project activities; create, update and close remedy tickets; assess risks and impacts arising from a business disruption and make decisions and determine actions independently and expediently to eliminate those risks and ensure continuity of business; research emerging technologies in wireless communications and maintain up-to-date knowledge on vendors and their product lines; formulate and establish best practices and

standards for enterprise wireless network environments; must be available for after hour project implementations, hardware installations, and configuration changes; other duties as assigned; Qualifications • 5-7 years applicable experience in wireless network engineering • Bachelor’s degree in Computer Science, Engineering or Management Information Systems or equivalent combination of education and experience • Possess in-depth knowledge of wireless local area networks and WLAN project experience • Clear understanding of IEEE 802.11a/b/g/n/ac Wi-Fi standards and related components is required • Clear understanding of RADIUS Authentication and Captive Portals • Experience with Cisco wireless technology • Ability to configure Cisco routers and switches for wireless network provisioning • Ability and willingness to learn and apply new technologies • Must be able to interact well in a team environment • Ability to follow a detailed workflow process and comply with all change management procedures and policy • Experience delivering detailed design diagrams, complete technical documentation, and develop change scripts, using various tools such as MS Excel, MS Power Point, and MS Visio • Experience with different OS and server technologies is a plus • CCNA Routing and Switching required, CCNP preferred • CCNA Wireless Required, CCNP Wireless preferred • The position may require climbing ladder and lifting upto 50 lbs -----

----- CONTRACT LABOR CATEGORY

DESCRIPTION Complete Description Responsibilities: 1. Coordinates IT project management, engineering, maintenance, QA, and risk management. 2. Plans, coordinates, and monitors project activities. 3. Develops technical applications to support users. 4. Develops, implements, maintains and enforces documented standards and procedures for the design, development, installation, modification, and documentation of assigned systems. 5. Provides training for system products and procedures. 6. Performs application upgrades. 7. Performs, monitoring, maintenance, or reporting on real- time databases, real-time network and serial data communications, and real-time graphics and logic applications. 8. Troubleshoots problems. 9. Ensures project life-cycle is in compliance with District standards and procedures. Minimum Education/Certification Requirements: Bachelor’s degree in Information Technology or related field or equivalent experience

Client Information

Work Location:	OCTO - 200 I Street, SE Washington DC 20003	Cost Center:	OCTO - Office of the Chief Technology Officer
		Project:	

Required/Desired Skills

Required /Desired

Skill	Required /Desired	Amount	of Experience

5-7 years applicable experience in wireless network engineering	Required	5	Years
Bachelor's degree in Computer Science, Engineering or Management Information Systems or equivalent combination of education and experience	Required		
Possess in-depth knowledge of wireless local area networks and WLAN project experience	Required	6	Years
Clear understanding of IEEE 802.11a/b/g/n/ac Wi-Fi standards and related components is required	Required	6	Years
Clear understanding of RADIUS, LDAP Protocol and Certificates for AAA	Required	6	Years
Can perform wireless site survey & RF signal propagation testing	Required	6	Years
Experience in Cisco Wireless Controllers, Cisco Prime Infrastructure, MSE, CMX and APIC-EM	Required	6	Years
Ability to configure Cisco routers and switches for wireless network provisioning	Required	6	Years
Experience delivering detailed design diagrams, complete technical documentation, and develop change scripts, using various tools such as MS Excel,	Required	6	Years
CCNA Routing and Switching	Required		
CCNP Routing and Switching	Desired		
CCNA Wireless	Required		
CCNP Wireless	Highly desired		
6-10 years of experience. Coordinates IT project management, engineering, maintenance, QA, and risk management.	Required	6	Years

Questions

	Description
Question 1	Absences greater than two weeks MUST be approved by CAI management in advance, and contact information must be provided to CAI so that the resource can be reached during his or her absence. The

Client has the right to dismiss the resource if he or she does not return to work by the agreed upon date.
Do you accept this requirement? Yes

Question 2 Please list candidate's email address that will be used when submitting E-RTR.

Question HÈ There are no reimbursable expenses. Do you accept this requirement? Yes
