**Assistant Systems Engineer**

**Terms of References**

**Position Title:** Assistant Systems Engineer

**Location**: Islamabad

**Career Level:** Equivalent to GS-6

**Purpose:**

The Assistant System Engineer’s role will be to assist NEOC Systems Engineer in managing servers installed at primary and backup sites. He will also ensure the effective provisioning, installation, configuration, operation, and maintenance of systems hardware, software, and related infrastructure in support of critical business operations, while integrating DevOps methodologies to streamline deployment, enhance automation, and foster collaboration across development and operations teams.

**Major Responsibilities:**

Under the direct supervision of the Systems Engineer and overall technical guidance from GIS/IT Specialist, the Assistant System Engineer will be expected to assist WHO, NEOC and PEOCs for Data Systems in performing following duties:

* Manage the physical and virtual (VMware, vCenter) environment in Data Center.
* Manage servers with Windows and Linux (CentOS, Debian, Ubuntu etc.) operating systems.
* Manage network firewalls (Network Policies, NAT Policies, VPN, Application Control).
* Manage NAS and SAN storages and perform routine backups.
* Ensure Security of the Data Center infrastructure by implementing industry best security practices.
* Provide support to integrate DevOps workflows to automate infrastructure provisioning, configuration, and application deployment, using tools like Jenkins, GitLab CI/CD, or GitHub Actions.
* Maintain Continuous Integration/Continuous Deployment (CI/CD) pipelines to automate the testing, building, and deployment of applications.
* Manage Data Center primary and disaster recovery site server infrastructure in 24x7 production environment.

**Skills:**

* Strong understanding with Linux/Unix and Windows server environments.
* VMware virtualization
* Storage systems i.e. NAS and SAN
* Familiarity with DevOps Practices.
* Proficiency in virtualization and containerization (e.g., Kubernetes, Docker and Podman).

**Qualification:**

* Minimum Bechelor’s degree in computer science, IT and related fields with preference in technical certifications of RedHat.

**Experience:**

* Minimum 2 years of experience in systems administration or DevOps.