**Cyber Security Consultant (s) Requirement**

**Qualification** –

* Proven experience in designing and implementing server virtualization architectures using VMWare’s Virtualization platform and solution set to include vSphere, vSAN, NSX, and Cloud Foundation
* Proven experience in designing and implementing software-defined infrastructure with Converge and Hyper-Converge Infrastructure
* Must have experience implementing security policies attached to VM workloads based on a hierarchical model
* Should possess experience with workload mobility implementation and experience with designing and architecting network segmentation and micro segmentation to achieve security requirements in a modern virtualized data center
* Proven experience with virtual SAN and storage Tiering practices for fiber channel, fiber channel over Ethernet and NAS in virtualized data center environment
* Proven experience designing and architecting high availability and highly virtualized environment with no single points of failure within a fault domain.
* Must have experience configuring and implementing security policies for NSX virtual networks and V-Switch hypervisor
* Must have experience and expertise for developing standard operating procedures
* Must possess professional certification related to networking and virtualization
* Must have experience in developing & implementing cybersecurity projects, policies, SOP, etc.

**Scope of Work**

**Task Order 1 – Assess and Analyze IT Systems, Application Networks and Data Infrastructure**

Analyze and document major business systems and applications, databases and IT systems software and related technology infrastructure

Analyze the target cyber security framework policies in conjunction with the Maritime Transportation Security Act

Analyze existing policies and SOP

Analyze and document report Analytics solutions

Analyze and document major business application integration with internal and external applications or systems

Analyze and document current system motoring and event notification infrastructure

Analyze document retention and document content management capabilities

Analyze document backup & recovery, business continuation & disaster recovery capabilities

Analyze and document computing, network, wireless network, and storage infrastructure

Analyze and document current application and network security model

Provide IT roadmap that is closely aligned with and supports long-term business vision and strategy. The roadmap will serve as the technical blueprint to guide the current and future IT initiatives. The roadmap should embody industry standards and best practices for Open Systems and interoperability across disparate systems and computing environments