SERVER SCOPE OF WORK

SENTECH require 2 x PowerEdge server R670 17th Generation model that matches the specifications of the existing R660xs cluster, including a 3-year support and ProDeploy service.

1. SERVER REQUIREMENT

The server must have 32+ cores each, a minimum of 8-core CPU and 500GB RAM, dual sockets, dual HBA, 4-port 10GbE fiber over ethernet adapter/s, dual power supplies, and minimum 2x 200GB SSD (RAID1 configured). It must also be capable of booting from SAN. The request includes a 3-year support and maintenance (OEM).

Breakdown of the requirements:

Server Model: · 17th Generation PowerEdge, specifically R670 · The server should be a close match to the existing R660xs cluster to avoid configuration issues. · Request the OEM configuration of the existing R660xs to ensure consistency.

Minimum Hardware Requirements: · CPU: 32 cores each server · RAM: Minimum of 500GB each server · Sockets: 2 each server · HBA: Dual HBA. (Fiber Connection) · Network Adapter: 4-port ethernet adapter with 10 Gigabit Ethernet (10GbE) ports using fiber over ethernet. · Power Supplies: 2 x Power Supplies. · Storage: 2x Minimum 200GB SSD configured RAID 1 · Boot Capability: Must be able to boot from SAN.

Additional Requirements: · ProDeploy: Included for the server · Support & Maintenance: 3-year support and maintenance OEM(DELL) · OEM Assistance: If there are difficulties obtaining information from the OEM, the SCM office should be informed for assistance