Below are the minimum specifications for the servers

1. **Dell PowerEdge VRTX Rack Chassis**
   - PowerEdge VRTX 10Gb Switch Module, Int 16 ports to Ext 6 ports (4x 10Gb SFP+, 2x 1Gb RJ45)
   - PowerEdge VRTX Rack Configuration for 2.5 inch Hard Drives (max 25)
   - PowerEdge VRTX 2.5 HDD Dual Expander for Dual Controller
   - Blade Blanking Panel
   - PowerEdge VRTX Locking Security Bezel
   - Flex Address Plus Enabled, 8GB ; CMC Extended Storage Card
   - Hard Drive: 20 x 960GB Solid State Drive SAS Mix Use MLC 12Gbps 2.5in Hot-plug Drive
   - 2 x Chassis Management Controller Card for PowerEdge VRTX Chassis
   - 4 x SFP+, Short Range, Optical Transceiver, LC Connector, 10Gb and 1Gb compatible for Intel and Broadcom
   - Optical Drive: DVD+/-RW, SATA, Internal
   - PowerEdge VRTX Redundant Power Supply, 4 x 1600W, (2+2)
   - 4 x 2M Rack Power Cord C13/C14 12A
   - PowerEdge VRTX Rack Installation Rails, No Cable Management Arm
   - 2U Threaded Hole Rack Adapter Kit for Sliding Ready Rails
   - PowerEdge VRTX 2.5 HD HotPlug Backplane with Dual Controller and Expander in Redundant Mode
   - No Systems Documentation, No OpenManage DVD Kit
   - CMC Enterprise License
   - Warranty: 3Yr ProSupport and Next Business Day On-Site Service

2. **Dell PowerEdge M640 Server x 2**
   - Processor: Intel Xeon Silver 4110 2.1G, 8C/16T, 9.6GT/s 2UPI, 11M Cache, Turbo, HT (85W) DDR4-2400
   - Additional Processor: Intel Xeon Silver 4110 2.1G, 8C/16T, 9.6GT/s 2UPI, 11M Cache, Turbo, HT (85W) DDR4-2400
   - Chassis with up to 2 SAS or SATA Hard Drives (PERC required)
   - iDRAC Group Manager, Enabled
   - 2666MT/s RDIMMs ; Performance Optimized
   - Memory: 8 x 32GB RDIMM, 2666MT/s, Dual Rank
   - M.2 Blank Riser for C6420
   - Hard Drive: 2 x 240GB SSD SATA Mix Use 6Gbps 512n 2.5in Hot-plug Drive, SM863a, 3 DWPD, 1314 TBW
   - H730P Controller ; Heatsink for CPU2 ; Trusted Platform Module 2.0
   - Intel X710 Quad Port, 10Gb KR Blade Network Daughter Card
   - RAID 1 ; Performance BIOS Settings
   - OpenManage Essentials, Server Configuration Management
   - No Systems Documentation, No OpenManage DVD Kit
   - Warranty: 3Yr ProSupport and Next Business Day On-Site Service