

Scope of Works

1. Bidder must submit the action plan before the Commencement of work.
2. Successful bidder must visit the installation site and to prepare and submit installation, deployment and migration plan (HLD) beforehand prior commencing to actual installation activity.
3. Bidder must verify all the physical equipment as well as software licenses as per the PO ordered BoM.s
4. Software Licenses activation from OEM
5. Bidder must unpack of all boxes and assembling of hardware components, if any
6. Rack & PDU clean-up for provisioning space of new equipment – servers etc. is bidder responsibility.
7. Rack Mounting of all the hardware including servers, switches etc. are bidder responsibility.
8. Cable Interconnect between the devices are bidder's responsibility
9. Bidder must perform Power on self-test (POST) activity of all the servers, switches and other supplied hardware devices and provide reports ORSAC
10. BIOS / Firmware code upgrade for both server and switches -if any, are bidder's responsibility.
11. Bidder must obtain prerequisite forms (IP/Hostname/NTP/DNS etc.) from ORSAC
12. Virtualization hypervisor (VM software) installation, configuration and performance optimizations are under bidder's scope.
13. Bidder must provisioned hypervisor cluster (as per the ORSAC guidelines)
14. Bidder has to allocate/provisioned necessary volume from existing storage for newly provisioned hypervisors (VM software) nodes.
15. Bidder must demonstrate hypervisors - single node failover from cluster (VM may restart for this case)
16. Bidder must demonstrate live movement of virtual machines from one node to another without shutting down or restarting the VM.
17. Bidder must configure various network zone as per ORSAC requirements on the hypervisor layer for accessing / restricting access from selected network as per ORSAC guidelines.
18. Bidder must configure the network switches with network segmentation (vLANs) as per ORSAC guidelines.
19. Network configuration for Management and VM Network using different virtual switch is bidder's responsibility.
20. The existing virtual machines migration (as is) from old platform to newly build platform are bidder's responsibility.
21. Bidder must ensure that post migration of VM, all the VM must perform as it is like before.
22. Bidder must reinstall / reconfigure of the existing 14 (fourteen) numbers of hardware system with the new VM software hypervisor and subsequently provisioned cluster with these physical nodes as per ORSAC requirement / guidelines.
23. Rack dressing, cable dressing & marking are bidder's scope.
24. Bidder must provide complete documentation for the entire newly built landscape including compute and network architecture, diagram (LLD)