Query1:

As per the tender compliance, SERC is looking for a "Linux compatible with features to support multipath access to storage, file systems using NFS v3/v4, high-availability (active-active load balancing mode) in case of redundant file servers." - As of today NFS Technology in Linux, we can achieve Active-Passive HA mode NFS File share via single File share. And Active-Active HA NFS File Share by configuring 1 NFS shares in each of the server.

To achieve Active-Active mode we have to create 2 different sets of File share (Each server will have 1 NFS share). P. confirm on the exact requirement on active-active NFS share service.

As single NFS share accessing through both the NFS server in parallel is not technically viable to configure on Redhat/CentOS/Fedora based Linux OS.

Response:

Active-Active NFS server was intended with each server being active for a different set of file systems. Vendor needs to attach a clear technical note on how High Availability is achieved as part of his technical bid.

Query2. The cent OS and the fedora OS there is no official support from our OEM server and storage . As these are community driven /open source operating system.

Response:

If the OEM can state that his hardware works with these OS distros that should be fine. The SI can support for the same if OEM does not since the support SLAs are with the SIs for the solution.

Query3. Node level cluster is active Active cluster .Eg:- node 1 fails ,node 2 can take care of the data wrights having said that Both the nodes(node 1 and Node 2) cannot wright to same LUN simultaneously

Response:

This is fine.

Query4. SI need to take care of the OS and the cluster level implementation.

Response:

If SI can state with proof of experience to support we have no issues.