

TERMS OF REFERENCE FOR THE UPGRADE OF HITACHI DATA SYSTEM HUS-VM STORAGE

The Philippine Ports Authority (PPA) requires suitably qualified and experienced suppliers to submit proposals for the upgrade of Hitachi Data System (HDS) HUS-VM Storage.

1. STORAGE REQUIREMENT

Provision of 7.7TB usable storage, 10K SFF with spares, Raid 5 with parity disk

- Upgrade must be Hitachi Data System supplied for HUSVM.
- Could be installed in to HUS VM Disk Expansion Trays (2U, 24 x 2.5" disks)
- Vendor must show proof of in-country stock of spare parts (HDS disk and expansion tray)

2. SCOPE OF SERVICES

- Vendor must be able to perform HUSVM replication
- The proposed upgrade and services covers 24x7x4 parts and labor.
- Vendor must include delivery services to PPA Head office, site inspection and preparation.
- Vendor should set-up, install, configure all the capacity the existing HUS VM disk expansion trays.
- Vendor must include tools to create LUNS from the additional capacity installed and present it to the existing hosts.
- Vendor activities should include project management and include a joint inventory with PPA of all hardware.
- Vendor should provide documentation to PPA upon completion of the services.
- Vendor installation and configuration of the additional capacity should not impact the current PPA setup and must be done in a minimal to zero downtime.
- Vendor shall provide Administration Training on HUS-VM Storage

3. VENDOR'S QUALIFICATION

- Vendor must be an HDS Authorized Maintenance Service Provider.
- Vendor must provide at least two (2) HDS installed base reference sites that are configured for HDS replication
- The vendor must have a Certified Engineer with the following Certifications: 1- HUS VM CC12288, (Hitachi Unified Storage VM Fundamentals, 1- HUS VM THI2284- Hitachi Unified VM Differences)

4. PROJECT DURATION

The project shall be delivered and completed within forty five (45) days

5. BUDGET

The budget for the upgrade of the HDS HUS-VM storage and services is P 1.0 Million Pesos inclusive of VAT.

6. SOURCE OF FUNDING

The budget for the Annual Maintenance of IBM and HP Servers and Storage is to be sourced from PPA Corporate Funds