**Backup Solution**

**Backup System Requirements**

* 1. Backup solution should be deployed on Virtual Machine or on Virtual Appliance, compatible with: VMware, KVM
	2. Backup solution should be licensed for 5 TB Backup Data.
	3. License should include deploying at least two instances for High Availability and Replication Purposes.
	4. Solution must include Manufacturer Software Support for 1 Year

**Backup Management Requirements**

* 1. Web or Desktop client GUI for Management purposes, also cli for advanced parameter management.
	2. Ability to centrally manage installed clients. LDAP or Active Directory Support, role-based access permissions per Backup Client Granularity.

**Application Backup/Restore Mandatory Requirements**

1. **Microsoft Windows Server**
	1. Windows 2012 R2, 2016 Support
	2. Windows Files System VSS Backup
	3. Windows Cluster Support
	4. Supported File systems: FAT16, FAT32, NTFS, ReFS, exFAT
	5. Restore options: Restore Same location, Restore Different Location
	6. Bare Metal Recovery Support
2. **Microsoft Exchange Server**
	1. DAG Exchange Server 2016 Backup Agent Based
	2. Restore Database, Mailbox, Mail Message
	3. Restore DB to File
	4. Granular Level Recovery without recovering Complete Database, directly mounting Backup from Data Domain system to Exchange Server.
	5. Restore Individual Mailbox
	6. Restore Individual Mail Message to: Mailbox, redirect restore to different mailbox, restore to file
	7. Public Folder Mailbox Recovery Support

**Additional Requirements**

* Manufacturer Authorization Form
* Minimum 1 similar Project within last 1 year