



مَدْرَسَاتُ سَلْمَانِ بْنِ سُلَيْمَانَ فِي مَدِينَةِ رِيَّادِ الْيَوْمَ

مَدْرَسَاتُ سَلْمَانِ بْنِ سُلَيْمَانَ

مَدْرَسَاتُ سَلْمَانِ بْنِ سُلَيْمَانَ فِي مَدِينَةِ رِيَّادِ الْيَوْمَ مَدْرَسَاتُ سَلْمَانِ بْنِ سُلَيْمَانَ فِي مَدِينَةِ رِيَّادِ الْيَوْمَ مَدْرَسَاتُ سَلْمَانِ بْنِ سُلَيْمَانَ فِي مَدِينَةِ رِيَّادِ الْيَوْمَ	مَدْرَسَاتُ سَلْمَانِ بْنِ سُلَيْمَانَ فِي مَدِينَةِ رِيَّادِ الْيَوْمَ
PROC-2023-006	مَدْرَسَاتُ سَلْمَانِ بْنِ سُلَيْمَانَ فِي مَدِينَةِ رِيَّادِ الْيَوْمَ
(IUL) 164-PRO/1/2023/95	مَدْرَسَاتُ سَلْمَانِ بْنِ سُلَيْمَانَ فِي مَدِينَةِ رِيَّادِ الْيَوْمَ
31 رَجَبِ 1445 2023	مَدْرَسَاتُ سَلْمَانِ بْنِ سُلَيْمَانَ فِي مَدِينَةِ رِيَّادِ الْيَوْمَ

1. සේවයේ යෙදවීමේ ක්‍රියාමාර්ග සටහන	
1.1. කාර්යය	උපකරණ මාරු කිරීමේ ක්‍රියාමාර්ග සටහන / ප්‍රවේශන ක්‍රියාමාර්ග සටහන සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.
1.2. අවධානය	<p>සම්පූර්ණ</p> <p>31 ඔක්තෝබර් 2023</p> <p>සේවයේ යෙදවීමේ ක්‍රියාමාර්ග සටහන</p> <p>මහජන සේවා කොමිෂන් කමිටුවේ සේවයේ යෙදවීමේ ක්‍රියාමාර්ග සටහන සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.</p>
1.3. සේවයේ යෙදවීමේ ක්‍රියාමාර්ග සටහන	<p>කාර්යය</p> <p>NCIT චුද්දාමය, 64 පාරේ, කොළඹ 05</p> <p>2023 ඔක්තෝබර් 13 ඉරිදි දින 10:00 දී කාර්යය</p> <p>NCIT දින 10:00 දී කාර්යය සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.</p> <p>2023 ඔක්තෝබර් 13 (ඉරිදි) සම්පූර්ණ කාර්යය සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.</p> <p>2023 ඔක්තෝබර් 13 (ඉරිදි) සම්පූර්ණ කාර්යය සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.</p> <p>2023 ඔක්තෝබර් 13 (ඉරිදි) සම්පූර්ණ කාර්යය සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.</p>
1.4. සේවයේ යෙදවීමේ ක්‍රියාමාර්ග සටහන	<p>කාර්යය</p> <p>NCIT චුද්දාමය, 64 පාරේ, කොළඹ 05</p> <p>2023 ඔක්තෝබර් 13 ඉරිදි දින 10:10 දී කාර්යය</p> <p>දේශීය සේවකරුවන් සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.</p> <p>දේශීය සේවකරුවන් සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.</p> <p>දේශීය සේවකරුවන් සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.</p> <p>දේශීය සේවකරුවන් සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.</p> <p>දේශීය සේවකරුවන් සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.</p> <p>දේශීය සේවකරුවන් සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.</p>

2. සේවයේ යෙදවීමේ ක්‍රියාමාර්ග සටහන	
2.1	උපකරණ මාරු කිරීමේ ක්‍රියාමාර්ග සටහන / ප්‍රවේශන ක්‍රියාමාර්ග සටහන සඳහා අවශ්‍ය වන උපකරණ මාරු කිරීම.
2.2	<p>සේවයේ යෙදවීමේ ක්‍රියාමාර්ග සටහන</p> <p>2023 ඔක්තෝබර් 04 දින 11:00 දී කාර්යය</p> <p>tender@ncit.gov.mv හි කාර්යය</p> <p>www.ncit.gov.mv හි කාර්යය</p>

የፌዴራል ኮሚሽን አገልግሎት ለማረጋገጥ የሚያስፈልጉትን አገልግሎት ይገልጹ	
የፌዴራል ኮሚሽን አገልግሎት ለማረጋገጥ የሚያስፈልጉትን አገልግሎት ይገልጹ	2.14
የፌዴራል ኮሚሽን አገልግሎት ለማረጋገጥ የሚያስፈልጉትን አገልግሎት ይገልጹ	2.15
የፌዴራል ኮሚሽን አገልግሎት ለማረጋገጥ የሚያስፈልጉትን አገልግሎት ይገልጹ	2.16
የፌዴራል ኮሚሽን አገልግሎት ለማረጋገጥ የሚያስፈልጉትን አገልግሎት ይገልጹ	2.17

3. የፌዴራል ኮሚሽን አገልግሎት ለማረጋገጥ የሚያስፈልጉትን አገልግሎት ይገልጹ	
የፌዴራል ኮሚሽን አገልግሎት ለማረጋገጥ የሚያስፈልጉትን አገልግሎት ይገልጹ	3.1
የፌዴራል ኮሚሽን አገልግሎት ለማረጋገጥ የሚያስፈልጉትን አገልግሎት ይገልጹ	3.2
የፌዴራል ኮሚሽን አገልግሎት ለማረጋገጥ የሚያስፈልጉትን አገልግሎት ይገልጹ	3.3
የፌዴራል ኮሚሽን አገልግሎት ለማረጋገጥ የሚያስፈልጉትን አገልግሎት ይገልጹ	3.4

Description	Unit Of Measurement
Backup & Recovery for Non-Virtual Machine & File	1 Terabyte
Backup & Recovery for Virtual Machines	20 Virtual Machines
Implementation & Support	1 Year

Minimum Specification	
General	<ul style="list-style-type: none"> Backup software must be present as Leaders in Gartner's Magic Quadrant for backup software for 5 years. Backup solution should also cater for DR backup/recovery.
Virtual Machine Platform	<ul style="list-style-type: none"> VMware ESXi
SQL Databases	<ul style="list-style-type: none"> MSSQL MYSQL PostgreSQL

Cloud Platforms	<ul style="list-style-type: none"> • Microsoft Azure • Amazon Web Services • Google
License Type	<ul style="list-style-type: none"> • Perpetual
	<ul style="list-style-type: none"> • Support With SLA
Backup Types	<ul style="list-style-type: none"> • Full
	<ul style="list-style-type: none"> • Incremental
	<ul style="list-style-type: none"> • Differential
	<ul style="list-style-type: none"> • Synthetic And Virtual Synthetic Backups
Ransomware Protection	<ul style="list-style-type: none"> • Backup servers must protect backup data from ransomware, viruses, and scripts without any third-party software or licenses support.
	<ul style="list-style-type: none"> • Proactive monitoring and alerts on potential ransomware attacks.
Data Protection	<ul style="list-style-type: none"> • Backup software must be able to auto discover guests and dynamically configure them for data protection.
Encryption	<ul style="list-style-type: none"> • Backup Software must support various Encryption options (algorithms like 128-bit Blowfish, 128-bit AES, 256 BIT AES and Serpent) and encryption granularity and should not demand for additional license, any such license if needed should be quoted for the total number of backup clients asked for.
Media Support	<ul style="list-style-type: none"> • Backup Software Must support Advanced sharing of different media across the environment, <ul style="list-style-type: none"> ○ Disk ○ Tape ○ Optical ○ Cloud (without additional license)
Virtualization	<ul style="list-style-type: none"> • Support for Online Application Aware backups for granular recovery using image level backup (for quick backup and restore) of VMs in Hyper-V, VMware, RHEV, Open stack and OVM.
	<ul style="list-style-type: none"> • Should support SAN, NDMP, HotAdd, NBD backup technologies for increase backup efficiency.
	<ul style="list-style-type: none"> • Should have the ability to auto discover VMs from a VM cluster
	<ul style="list-style-type: none"> • Must support Agentless file recovery from VM images
	<ul style="list-style-type: none"> • Support for failing over the VM from server to another in case primary server / site is down for Nutanix AHV, Hyper-V and VMware
Data Migrations	<ul style="list-style-type: none"> • Backup software must provide P2V, V2V (for Hyper-V and VMware) and Physical to cloud migration (without additional cost).

Interface	<ul style="list-style-type: none"> Backup Software must support GUI with centralized management / Single interface for management of all backup activities (VMware, Hyper-V, O365, windows, Linux SQL, AIX, AS400)
Data Classification	<ul style="list-style-type: none"> Backup software must provide Enterprise – wide search and data classification integrated to the base product (not a separate option)
Backup Functions	<ul style="list-style-type: none"> Backup Software must support complete integration of Server Backup, Desktop/Laptop Backup, Virtual Machine Backup, Snapshot Management, email Archive, backup archive (without cost) with a Single Console to manage all the solutions
	<ul style="list-style-type: none"> Backup software solution must support hardware integrated snapshot backup, with application aware, including virtualization and granular recovery option. Should support leading storage vendors.
	<ul style="list-style-type: none"> Backup software must support Auto discovery techniques to provide a list of available storage devices and locations.
	<ul style="list-style-type: none"> Backup software must support sharing of backup media between backup servers to reduce tape count. It should allow Media Server Agents to append data from multiple clients to the same tape from the shared tape scratch pool.
De-Duplication	<ul style="list-style-type: none"> The software must be able to perform inline block-level de-duplication of data across backup and archive without requiring expensive and proprietary disk appliances. The software must provide de-duplication without limitation (license or capacity)
Multi Support	<ul style="list-style-type: none"> Backup software must support Ability to de-duplicate objects across multiple systems and multiple application types. It should Support block level De-duplication within disk libraries across disparate operating systems (OS).
Integration	<ul style="list-style-type: none"> Backup software must provide full integration with application awareness for 64-bit Active Directory, SQL, Zimbra, Exchange and Share-Point Support & Databases like MySQL, SQL Server
	<ul style="list-style-type: none"> Backup software must provide integration with hypervisors (Hyper-V, VMware, citrix, nutanix, ovm)
Database Restoration	<ul style="list-style-type: none"> Backup software must provide full integration with application awareness for 64-bit and database table level restoration for MSSQL, MySQL, Oracle DBs
Recovery	<ul style="list-style-type: none"> Backup Solution must support multi tenancy feature for creation of distinct data zones where the end users have access without being able to view data, backups, recoveries, or modify in other data zones.

Analytics	<ul style="list-style-type: none"> Backup software solution must have capability to do trend analysis for capacity planning of backup environment not limiting to Backup Application/Clients, Virtual Environment, Replication etc.
Air Gap Support	<ul style="list-style-type: none"> Zero trust isolation and air gap for backup data using network segmentation.
Hardware Agnostic Airgap Support	<ul style="list-style-type: none"> The proposed solution should natively support any storage technology such as disk, cloud, and object storages to use airgap technology.
MFA Support	<ul style="list-style-type: none"> Backup server access should support minimum two factor authentication.
Failover	<ul style="list-style-type: none"> Backup software must support Heterogeneous Media server agent failover.
Controller	<ul style="list-style-type: none"> The software should provide functionality to protect remote branch offices that ensures that data transfer across WAN links is minimized, providing both de-duplication or byte-level replication options, VMware replication DC to DR, whilst providing for granular restore capabilities.
Installation	<ul style="list-style-type: none"> Installation & Configuration should be done by vendor certified Engineers.
Warranty & Support	<ul style="list-style-type: none"> One (1) year comprehensive vendor Support with perpetual license should be offered.
Training	<ul style="list-style-type: none"> On-Site Admin Training should be provided for two persons
Authorization	<ul style="list-style-type: none"> Manufacturer Authorization Letter (MAL) should be submitted

مستند 4. متطلبات النظام	
4.1	توفير دعم التشفير للملفات المخزنة
4.2	توفير دعم التشفير للملفات
4.3	توفير دعم التشفير للملفات / دعم دعم التشفير للملفات
4.4	توفير دعم التشفير للملفات، دعم دعم التشفير للملفات، دعم دعم التشفير للملفات
4.5	توفير دعم التشفير للملفات (دعم دعم التشفير للملفات) ، دعم دعم التشفير للملفات ، دعم دعم التشفير للملفات
4.6	توفير دعم التشفير للملفات ، دعم دعم التشفير للملفات ، دعم دعم التشفير للملفات
4.7	توفير دعم التشفير للملفات (تشفير) / دعم دعم التشفير للملفات / دعم دعم التشفير للملفات / دعم دعم التشفير للملفات
4.8	توفير دعم التشفير للملفات ، دعم دعم التشفير للملفات ، دعم دعم التشفير للملفات ، دعم دعم التشفير للملفات

הסכמים 6. סדרי הנהלה וניהול עניניו

- הסכמים הנהלה וניהול עניניו יתקיימו בין המנהלים והמנהלים הממונים להם.
- סדרי הנהלה וניהול עניניו יתקיימו בין המנהלים והמנהלים הממונים להם.
- סדרי הנהלה וניהול עניניו יתקיימו בין המנהלים והמנהלים הממונים להם, והנהלה וניהול עניניו 2022, 2021 ו-2020.
- סדרי הנהלה וניהול עניניו יתקיימו בין המנהלים והמנהלים הממונים להם, והנהלה וניהול עניניו 2022, 2021 ו-2020.
- סדרי הנהלה וניהול עניניו יתקיימו בין המנהלים והמנהלים הממונים להם, והנהלה וניהול עניניו 2022, 2021 ו-2020.
- סדרי הנהלה וניהול עניניו יתקיימו בין המנהלים והמנהלים הממונים להם, והנהלה וניהול עניניו 2022, 2021 ו-2020.

6.1. زرعی ڈیٹا کی مینجمنٹ



National Centre for Information Technology

بھارتیہ انسٹیٹیوٹ آف انفرمیشن ٹیکنالوجی

#	تعدادی جزئیات	نوٹس	تاریخ
1.	زرعی ڈیٹا کی مینجمنٹ		
2.	ہیڈز زرعی ڈیٹا		
3.	انفرمیشن سسٹمز کے لیے ڈیٹا کی مینجمنٹ / ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		
4.	زرعی ڈیٹا کی مینجمنٹ، ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ، ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		
5.	ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ (ڈیٹا کی مینجمنٹ) ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		
6.	ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		
7.	ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ (ڈیٹا کی مینجمنٹ) ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		
8.	ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		
9.	ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		
10.	ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		
11.	ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		
12.	ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		
13.	ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		
14.	ڈیٹا کی مینجمنٹ کے لیے ڈیٹا کی مینجمنٹ		

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



National Centre for Information Technology

	گروہ:	
<p>پندرہویں اور سولہویں درجے کے نصابی کتابوں کی ترمیم و ترمیم کے لیے</p>		
	سر:	
	ادارے کا نام:	
	ڈپٹی:	
	ڈیپٹی سر:	
	اداری:	
	گروہ:	
	سر:	
<p>یہ کتابیں ترمیم و ترمیم کے لیے پیش کی گئی ہیں اور ان کی ترمیم و ترمیم کے لیے کام کیا جائے گا۔</p>		
<p>یہ کتابیں ترمیم و ترمیم کے لیے (اداری و سر) کے ذریعے اور سر کے ذریعے بھی پیش کی گئی ہیں۔</p>		
<p>تعمیراتی کتابخانہ</p>		سر:
		ڈپٹی:
		ڈیپٹی سر:
		اداری:
		گروہ:
		سر:

6.3. خدمات ابر و امنیت ابر

Description		Unit Of Measurement	
Backup & Recovery for Non-Virtual Machine & File		1 Terabyte	
Backup & Recovery for Virtual Machines		20 Virtual Machines	
Implementation & Support		1 Year	
Minimum Specification		Compliance (Yes / No)	Reference (page / details)
General	Backup software must be present as Leaders in Gartner's Magic Quadrant for backup software for 5 years.		
	Backup solution should also cater for DR backup/recovery.		
Virtual Machine Platform	VMware ESXi		
SQL Databases	MSSQL MYSQL PostgreSQL		
Cloud Platforms	Microsoft Azure Amazon Web Services Google		
License Type	Perpetual		
	Support With SLA		
Backup Types	Full		
	Incremental		
	Differential		
	Synthetic And Virtual Synthetic Backups		
Ransomware Protection	Backup servers must protect backup data from ransomware, viruses, and scripts without any third-party software or licenses support.		
	Proactive monitoring and alerts on potential ransomware attacks.		
Data Protection	Backup software must be able to auto discover guests and dynamically configure them for data protection.		
Encryption	Backup Software must support various Encryption options (algorithms like 128-bit Blowfish, 128-bit AES, 256 BIT AES and Serpent) and encryption granularity and should not demand for additional license, any such license if needed should be		

	quoted for the total number of backup clients asked for.		
Media Support	<p>Backup Software Must support Advanced sharing of different media across the environment,</p> <ul style="list-style-type: none"> ○ Disk ○ Tape ○ Optical ○ Cloud (without additional license) 		
Virtualization	Support for Online Application Aware backups for granular recovery using image level backup (for quick backup and restore) of VMs in Hyper-V, VMware, RHEV, Open stack and OVM.		
	Should support SAN, NDMP, HotAdd, NBD backup technologies for increase backup efficiency.		
	Should have the ability to auto discover VMs from a VM cluster		
	Must support Agentless file recovery from VM images		
	Support for failing over the VM from server to another in case primary server / site is down for Nutanix AHV, Hyper-V and VMware		
Data Migrations	Backup software must provide P2V, V2V (for Hyper-V and VMware) and Physical to cloud migration (without additional cost).		
Interface	Backup Software must support GUI with centralized management / Single interface for management of all backup activities (VMware, Hyper-V, O365, windows, Linux SQL, AIX, AS400)		
Data Classification	Backup software must provide Enterprise – wide search and data classification integrated to the base product (not a separate option)		
Backup Functions	Backup Software must support complete integration of Server Backup, Desktop/Laptop Backup, Virtual Machine Backup, Snapshot Management, email Archive, backup archive (without cost) with a Single Console to manage all the solutions		
	Backup software solution must support hardware integrated snapshot backup, with application aware, including		

	virtualization and granular recovery option. Should support leading storage vendors.		
	Backup software must support Auto discovery techniques to provide a list of available storage devices and locations.		
	Backup software must support sharing of backup media between backup servers to reduce tape count. It should allow Media Server Agents to append data from multiple clients to the same tape from the shared tape scratch pool.		
De-Duplication	The software must be able to perform inline block-level de-duplication of data across backup and archive without requiring expensive and proprietary disk appliances. The software must provide de-duplication without limitation (license or capacity)		
Multi Support	Backup software must support Ability to de-duplicate objects across multiple systems and multiple application types. It should Support block level De-duplication within disk libraries across disparate operating systems (OS).		
Integration	Backup software must provide full integration with application awareness for 64-bit Active Directory, SQL, Zimbra, Exchange and Share-Point Support & Databases like MySQL, SQL Server		
	Backup software must provide integration with hypervisors (Hyper-V, VMware, citrix, nutanix, ovm)		
Database Restoration	Backup software must provide full integration with application awareness for 64-bit and database table level restoration for MSSQL, MySQL, Oracle DBs		
Recovery	Backup Solution must support multi tenancy feature for creation of distinct data zones where the end users have access without being able to view data, backups, recoveries, or modify in other data zones.		
Analytics	Backup software solution must have capability to do trend analysis for capacity planning of backup environment not limiting to Backup Application/Clients, Virtual Environment, Replication etc.		

Air Gap Support	Zero trust isolation and air gap for backup data using network segmentation.		
Hardware Agnostic Airgap Support	The proposed solution should natively support any storage technology such as disk, cloud, and object storages to use airgap technology.		
MFA Support	Backup server access should support minimum two factor authentication.		
Failover	Backup software must support Heterogeneous Media server agent failover.		
Controller	The software should provide functionality to protect remote branch offices that ensures that data transfer across WAN links is minimized, providing both de-duplication or byte-level replication options, VMware replication DC to DR, whilst providing for granular restore capabilities.		
Installation	Installation & Configuration should be done by vendor certified Engineers.		
Warranty & Support	One (1) year comprehensive vendor Support with perpetual license should be offered.		
Training	On-Site Admin Training should be provided for two persons		
Authorization	Manufacturer Authorization Letter (MAL) should be submitted		

6.4. تقديم عرض سعر لخدمات النسخ الاحتياطي والاسترجاع (موسم 2019-2020) لخدمات النسخ الاحتياطي والاسترجاع لبيئات الخوادم الافتراضية، في فترة 12 شهرا.

مركز تكنولوجيا المعلومات، كونه من الخدمات التي تقدمها الشركة، مع ضمان جودة الخدمة.

في فترة 12 شهرا، كونه من الخدمات التي تقدمها الشركة، مع ضمان جودة الخدمة.



National Centre for Information Technology

Reference No: (generated by the proponent)

Quotation validity: () days

#	Item / Equipment or work details	Qty	Price (MVR)	Total (MVR)
	Description			
	Unit Of Measurement			
	Backup & Recovery for Non-Virtual Machine & File			
		1 Terabyte		
	Backup & Recovery for Virtual Machines			
		20 Virtual Machines		
	Implementation & Support			
		1 Year		
	General			
	Backup software must be present as Leaders in Gartner's Magic Quadrant for backup software for 5 years.			
	Backup solution should also cater for DR backup/recovery.			
	Virtual Machine Platform			
	VMware ESXi			
	SQL Databases			
	MSSQL MYSQL PostgreSQL			
	Cloud Platforms			
	Microsoft Azure Amazon Web Services Google			
	License Type			
	Perpetual			
	Support With SLA			
	Backup Types			
	Full			
	Incremental			
	Differential			
	Synthetic And Virtual Synthetic Backups			
	Ransomware Protection			
	Backup servers must protect backup data from ransomware, viruses, and scripts without any third-party software or licenses support.			
	Proactive monitoring and alerts on potential ransomware attacks.			

Data Protection	Backup software must be able to auto discover guests and dynamically configure them for data protection.			
Encryption	Backup Software must support various Encryption options (algorithms like 128-bit Blowfish, 128-bit AES, 256 BIT AES and Serpent) and encryption granularity and should not demand for additional license, any such license if needed should be quoted for the total number of backup clients asked for.			
Media Support	Backup Software Must support Advanced sharing of different media across the environment, Disk Tape Optical Cloud (without additional license)			
Virtualization	Support for Online Application Aware backups for granular recovery using image level backup (for quick backup and restore) of VMs in Hyper-V, VMware, RHEV, Open stack and OVM.			
	Should support SAN, NDMP, HotAdd, NBD backup technologies for increase backup efficiency.			
	Should have the ability to auto discover VMs from a VM cluster			
	Must support Agentless file recovery from VM images			
	Support for failing over the VM from server to another in case primary server / site is down for Nutanix AHV, Hyper-V and VMware			
Data Migrations	Backup software must provide P2V, V2V (for Hyper-V and VMware) and Physical to cloud migration (without additional cost).			
Interface	Backup Software must support GUI with centralized management / Single interface for management of all backup activities (VMware, Hyper-V, O365, windows, Linux SQL, AIX, AS400)			
Data Classification	Backup software must provide Enterprise – wide search and data classification integrated to the base product (not a separate option)			
Backup Functions	Backup Software must support complete integration of Server Backup, Desktop/Laptop Backup, Virtual Machine Backup, Snapshot Management, email Archive, backup archive (without cost) with a Single Console to manage all the solutions			

	<p>Backup software solution must support hardware integrated snapshot backup, with application aware, including virtualization and granular recovery option. Should support leading storage vendors.</p> <p>Backup software must support Auto discovery techniques to provide a list of available storage devices and locations.</p> <p>Backup software must support sharing of backup media between backup servers to reduce tape count. It should allow Media Server Agents to append data from multiple clients to the same tape from the shared tape scratch pool.</p>			
De-Duplication	The software must be able to perform inline block-level de-duplication of data across backup and archive without requiring expensive and proprietary disk appliances. The software must provide de-duplication without limitation (license or capacity)			
Multi Support	Backup software must support Ability to de-duplicate objects across multiple systems and multiple application types. It should Support block level De-duplication within disk libraries across disparate operating systems (OS).			
Integration	Backup software must provide full integration with application awareness for 64-bit Active Directory, SQL, Zimbra, Exchange and Share-Point Support & Databases like MySQL, SQL Server			
	Backup software must provide integration with hypervisors (Hyper-V, VMware, Citrix, Nutanix, OVM)			
Database Restoration	Backup software must provide full integration with application awareness for 64-bit and database table level restoration for MSSQL, MySQL, Oracle DBs			
Recovery	Backup Solution must support multi tenancy feature for creation of distinct data zones where the end users have access without being able to view data, backups, recoveries, or modify in other data zones.			
Analytics	Backup software solution must have capability to do trend analysis for capacity planning of backup environment not limiting to Backup Application/Clients, Virtual Environment, Replication etc.			
Air Gap Support	Zero trust isolation and air gap for backup data using network segmentation.			
Hardware Agnostic Airgap Support	The proposed solution should natively support any storage technology such as disk, cloud, and object storages to use airgap technology.			

MFA Support	Backup server access should support minimum two factor authentication.			
Failover	Backup software must support Heterogeneous Media server agent failover.			
Controller	The software should provide functionality to protect remote branch offices that ensures that data transfer across WAN links is minimized, providing both de-duplication or byte-level replication options, VMware replication DC to DR, whilst providing for granular restore capabilities.			
Installation	Installation & Configuration should be done by vendor certified Engineers.			
Warranty & Support	One (1) year comprehensive vendor Support with perpetual license should be offered.			
Training	On-Site Admin Training should be provided for two persons			
		Total		
		GST 8%		
		Warranty		
		Delivery and installation period		
		Total with GST		

Bidder Stamp and Sign



National Centre for Information Technology

Financial Data for Previous 03 Years [MVR Equivalent]			
Financial Information of the Year	2020	2021	2022
Information from Balance Sheet			
Total Assets			
Total Liabilities			
Net Worth			
Current Assets			
Current Liabilities			
Working Capital			
Information from Income Statement			
Total Revenues			
Profits Before Taxes			
Profits After Taxes			
<ul style="list-style-type: none"> Attached are copies of the financial statement (balance sheets including all related notes, and income statements), as indicated above, complying with the following conditions. All such documents reflect the financial situation of the Bidder. Historic financial statements must be complete, including all notes to the financial statements. Historic financial statements must correspond to accounting periods. 			

Evaluation criteria

Financial Situation evaluation

- To be eligible the financial statements of the bidding party must show, average annual turnover of MVR 235,000.00 for the years 2020, 2021 and 2022.
(or)
- To be eligible the financial statements of the bidding party must show, Minimum value of MVR 235,000.00 of the proposed price, for liquid asset, for the year 2020, 2021 and 2022.
(or)
- If the bidding party is unable to meet any of the above requirement they shall submit "Line of Credit Letter" as per the template in Form FIN – 3. (Credit limit shall be no less than MVR 235,000.00 of the proposed price)

Bidder Stamp and Sign

[letterhead of the Bank/Financing Institution/Supplier]

[date]

To: *[Name and address of the Contractor]*

Dear,

You have requested {name of the bank/financing institution/supplier issuing the letter) to establish a line of credit for the purpose of executing {insert Name and identification of Project}.

We hereby undertake to establish a line of credit for the aforementioned purpose, in the amount of {insert amount}, effective upon receipt of evidence that you have been selected as successful bidder.

This line of credit will be valid through the duration of the contract awarded to you.

Authorized Signature:
Name and Title of Signatory:
Name of Agency:

Form of Bid Security (Bank Guarantee)

WHEREAS,[*name of Bidder*] (hereinafter called "the Bidder") has submitted his Bid for the Project no.....issued by National Centre for Information Technology for construction of[*name of Contract*] (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that We [*name of Bank*] of [*name of country*] having our registered office at (hereinafter called "the Bank") are bound unto[*name of Purchaser*] (hereinafter called "the Purchaser") in the sum of *..... for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents.

SEALED with the Common Seal of the said Bank thisday of20.....

THE CONDITIONS of this obligation are:

- (1) If, after Bid opening, the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid;
- or
- (2) If the Bidder having been notified of the acceptance of his Bid by the Purchaser during the period of Bid validity:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required; or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instruction to Bidders; or
 - (c) does not accept the correction of the Bid Price pursuant to Clause 27,

* The Bidder should insert the amount of the Guarantee in words and figures denominated in Maldivian Rufiyaa. This figure should be the same as shown in Clause 16.1 of the Instructions to Bidders.

we undertake to pay to the Purchaser up to the above amount upon receipt of his first written demand, without the Purchaser's having to substantiate his demand, provided that in his demand the Purchaser will note that the amount claimed by him is due to him owing to the occurrence of one or any of the three conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date days after the deadline for submission of bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Purchaser, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE..... SIGNATURE OF THE BANK

WITNESS SEAL

[*signature, name, and address*]

Form of Performance Bank Guarantee (Unconditional)

To:
[name & address of Purchaser]
.....
.....

WHEREAS [name and address of Supplier] (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No. dated to execute [name of Contract and brief description of Works] (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Supplier such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Supplier, up to a total of * [amount of Guarantee] [amount in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of [amount of Guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

*An amount is to be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract, in Maldivian Rufiyaa.

We hereby waive the necessity of your demanding the said debt from the Supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Supplier shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any such change, addition, or modification.

This Guarantee shall be valid until the date of issue of the Defects Correction Certificate.

SIGNATURE AND SEAL OF THE GUARANTOR
Name of Bank
Address
.....
Date

ארגון מנהלתי

סדרה 6.9:

1. סדרה 6.9.1.1. (ארגון מנהלתי) יועצים ואנשי מקצוע יועצו את המנהל.
2. ארגון מנהלתי. המנהל ינהל את הארגון ויפקח על יישום מדיניותו, תוכניתו, תקציבו, פעילותו, אמצעי הטיפול, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב.
3. ארגון מנהלתי. ארגון מנהלתי יועצו את המנהל (סדרה 6.9.1.1) ויפקחו על יישום מדיניותו, תוכניתו, תקציבו, פעילותו, אמצעי הטיפול, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב.
4. ארגון מנהלתי. ארגון מנהלתי יועצו את המנהל (סדרה 6.9.1.1) ויפקחו על יישום מדיניותו, תוכניתו, תקציבו, פעילותו, אמצעי הטיפול, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב.
5. ארגון מנהלתי. ארגון מנהלתי יועצו את המנהל (סדרה 6.9.1.1) ויפקחו על יישום מדיניותו, תוכניתו, תקציבו, פעילותו, אמצעי הטיפול, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב.
6. ארגון מנהלתי. ארגון מנהלתי יועצו את המנהל (סדרה 6.9.1.1) ויפקחו על יישום מדיניותו, תוכניתו, תקציבו, פעילותו, אמצעי הטיפול, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב, אמצעי המניעה, אמצעי הפיקוח, אמצעי המעקב.

8.3. ገንዘብ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች

9. ለሥራ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች
9.1. ገንዘብ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች

9.2. ገንዘብ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች

9.3. ገንዘብ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች

$$CP \cdot 0.005 \cdot LD = \text{የሥራ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች}$$

ለሥራ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች

$$CP \cdot 0.0025 \cdot LD = \text{የሥራ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች}$$

CP (የሥራ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች)

LD (የሥራ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች)

9.4. ገንዘብ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች

9.5. ገንዘብ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች

15% (የሥራ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች)

9.6. ገንዘብ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች

ለሥራ ስርዓት ለማረጋገጥ የሚያስፈልጉት መረጃዎች

9.7. הנהלת המוסד תשקיע מאמצים מיוחדים להבטחת אמינות המידע המוצג באתר האינטרנט של המוסד.

10.1. הנהלת המוסד תשקיע מאמצים מיוחדים להבטחת אמינות המידע המוצג באתר האינטרנט של המוסד, וכן תשקיע מאמצים מיוחדים להבטחת אמינות המידע המוצג באתר האינטרנט של המוסד, וכן תשקיע מאמצים מיוחדים להבטחת אמינות המידע המוצג באתר האינטרנט של המוסד.

11.1. המוסד יבטיח את אמינות המידע המוצג באתר האינטרנט של המוסד, וכן יבטיח את אמינות המידע המוצג באתר האינטרנט של המוסד, וכן יבטיח את אמינות המידע המוצג באתר האינטרנט של המוסד.

12.1. המוסד יבטיח את אמינות המידע המוצג באתר האינטרנט של המוסד, וכן יבטיח את אמינות המידע המוצג באתר האינטרנט של המוסד, וכן יבטיח את אמינות המידע המוצג באתר האינטרנט של המוסד.

המוסד יבטיח את אמינות המידע המוצג באתר האינטרנט של המוסד, וכן יבטיח את אמינות המידע המוצג באתר האינטרנט של המוסד, וכן יבטיח את אמינות המידע המוצג באתר האינטרנט של המוסד.

ד"ר יעקב רובינשטיין (מנהל) / ד"ר יעקב רובינשטיין (מנהל)

משרד :
תאריך :

משרד :
תאריך :

משרד :
תאריך :