



**Ministry of Finance
Development Lotteries Board**

**Supplying, Installation and Commissioning of
Backup Solution**

BID No DLB/PRO/2022/08

Bidders Name :-

Receipt No :-

**Development Lotteries Board,
356. Dr. Colovin R. De Silva Mawatha,
Colombo 2.**



Procurement Notice
Ministry of Finance
DEVELOPMENT LOTTERIES BOARD
Invitation to Bids
Supplying, Installation and Commissioning of Backup Solution
Bid No : - DLB/PRO/2022/08

Chairman, Minor Procurement Committee, on behalf of the Development Lotteries Board invites sealed bids from Interested eligible bidders for **Supplying, Installation and Commissioning of Backup Solution** for the DLB.

02. Bidding will be conducted according to the National Competitive Bidding (NCB) Procedure.
03. A complete set of Bidding documents in English language could be inspected and purchased upon submission of the written request by the supplier in the Procurement Division of Development Lotteries Board, No.356, Dr. Colvin R De Silva Mw, Union Place, Colombo2, from 27.06.2022 to 19.07.2022 (during working days) between 09.00 am to 03.00 p.m, upon payment of the non - refundable document fees **Rs. 2,240.00(with Vat12%)** The method of payment will be in cash.
04. Pre bid meeting will be held at **2.30 p.m on 11.07.2022** at Development Lotteries Board, 356. Dr. Colvin R. De Silva Mawatha, Colombo 02.
05. The bids should be accompanied by a Bid Security as stated in the bidding document.
06. Bidders should furnish all the detailed information as required in the Bidding Documents.
07. As per the Bid Conditions, Bids shall be delivered in duplicate with marked as top left hand corner of the envelopes **"Supplying, Installation and Commissioning of Backup Solution for the DLB (Bid No:- DLB/PRO/2022/08)"**.to reach the Chairman, Minor Procurement Committee, Development Lotteries Board, 356, Dr.Colvin R. De Silva Mawatha, Colombo 02., Sri Lanka, not later than **02.30 p.m on 20.07.2022** and no bids will be accepted thereafter.
08. Bids should be forwarded by registered post or deposited in the Box provided at Procurement Division of the Development Lotteries Board, at the above address. Bids will be **closed at 02.30 p.m on 20.07.2022** and bids will be opened soon after closing time in the presence of bidder's representatives.
09. The bidding documents could be referred from the dlb website: www.dlb.lk

Chairman,
Minor Procurement Committee,
Development Lotteries Board,
356. Dr. Colvin R. De Silva Mawatha,
Colombo 02.
Tel: 011 4824824
www.dlb.lk
24.06.2022



Section I. Instructions to Bidder (ITB)

A: General	
1. Scope of Bid	1.1 The Purchaser named in the Data Sheet invites you to submit a bid for the Supplying, Installation and Commissioning of Backup Solution as specified in Section IV. 3.1
B: Contents of Documents	
2. Contents of Documents	<p>2.1 The documents consist of the Sections indicated below.</p> <ul style="list-style-type: none"> • Section I. Instructions to Bidder (ITB) • Section II. Data Sheet • Section III. Eligibility Criteria • Section IV. Technical Specification • Section V. Schedule of Requirements • Section VI. Company Profile • Section VII. Bid form • Section VIII. Price Schedule • Section IX. Bid Security • Section X performance Security • Section XI Manufacturing Authorizing • Section XII Agreement
C: Preparation of Bid	
3. Documents Comprising your Bid	<p>3.1 The Bid shall comprise the following:</p> <ol style="list-style-type: none"> a. Bid Submission Form and the Price Schedules b. Bid Security or a copy of refundable deposit slip. c. Original catalogues. d. Customer list with contact numbers who have been Completed similar projects for last 03 years e. BR copy f. VAT registration copy g. All documentary evidence for confident ion of information requested in this bid
4. Bid Submission Form and Price schedules	4.1 The bidder shall submit the Bid Submission Form using the form furnished in Section VII & VIII This form must be completed without any alterations to its format. All blank spaces shall be filled in with the information requested.
5. Prices and Discounts	<p>5.1 Unless specifically stated in Data Sheet, all items must be priced separately in the Price Schedules.</p> <p>5.2 The price to be quoted in the Bid Submission Form shall be the total price of the Bid, including any discounts offered.</p>

	<p>5.3 The applicable VAT shall be indicated separately.</p> <p>5.4 Prices quoted by the bidder shall be fixed during the bidder’s performance of the Contract and not subject to variation on any account. A Bid submitted with an adjustable price shall be treated as non-responsive and may be rejected.</p>
6. Currency	6.1 The Bidder shall quote only in Sri Lanka Rupees.
7. Documents to Establish the Conformity of the Goods	<p>7.1 The bidder shall furnish as part of its bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section V. Schedule of Requirements.</p> <p>7.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods, demonstrating substantial responsiveness of the Goods to the technical specifications, and if applicable, a statement of deviations and exceptions to the provisions of the Technical Specifications given.</p> <p>7.3 If stated in the Data Sheet the bidder shall submit a certificate from the manufacturer to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Sri Lanka.</p>
8. Period of Validity of bid	8.1 Bids shall remain valid for the period of Ninety (90) days from the bid submission deadline date.
9. Format and Signing of Bid	9.1 The bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the bidder.
D: Submission and Opening of Bid	
10. Bid Security	<p>10.1 Bidder should be submitted bid security on behalf of the chairman of Development Lotteries Board value for Rs. 40,000.00 of the bid value obtain from a reputed bank as per the sample format attached here with Validity period is 118 days from the date of closing of the bid</p> <p style="text-align: center;">or</p> <p>Bidders can be deposited Rs. 20,000.00 in cash to the DLB as refundable deposit. Copy of receipt should be attached to the bid. The deposit will be released after the contract award.</p>
11. Submission of Bid	<p>11.1 Bidder may submit their bids by registered post or by hand in sealed envelopes addressed to the Purchaser bear the specific identification of the contract number.</p> <p>11.2 If the bid is not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.</p>
12. Deadline for Submission of Bid	12.1 Bid must be received by the Purchaser at the address set out in Section II, “Data Sheet”, and no later than the date and time as specified in the Data Sheet.
13. Late Bid	13.1 The Purchaser shall reject any bid that arrives after the Bid deadline for submission of bids.

14. Opening of Bids	14.1 The Purchaser shall conduct the opening of bid in publicat the address, date and time specified in the DataSheet. 14.2 A representative of the bidders may be present and mark its attendance.
E: Evaluation and Comparison of Bid	
15. Performance Security	15.1 Within 10 days of the notice of the award from the purchaser. The selected bidder shall furnish the performance security on behalf of the chairman of Development Lotteries Board as per the form attached herewith. Validity period is 120 days from the date of the letter of award. Value of the Performance Security value is 10% of the contract amount.
16. Clarifications	16.1 A prospective Bidder requiring any clarification of the Bidding Documents including the restrictiveness of specifications shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received no later than ten (10) days prior to the deadline for submission of bids 16.2 The Purchaser's request for clarification and the response shall be in writing.
17. Responsiveness of Bids	17.1 The Purchaser will determine the responsiveness of the bid to the documents based on the contents of the bid received. 17.2 If a bid is evaluated as not substantially responsive to the documents issued, it may be rejected by the Purchaser.
18. Evaluation of Bid	18.1 The Purchaser shall evaluate each bid that has been determined, to be substantially responsive as per the evaluation criteria. 18.2 03 years services level agreement cost will be concederd for the total bid price
19. Purchaser's Right to Accept any Bid, and to Reject any or all Bids	19.1 The Purchaser reserves the right to accept or reject any bid, and to annul the process and reject all bids at any time prior to acceptance, without thereby incurring any liability to bidders.
F: Award of Contract	
20. Acceptance of the Bid	20.1 The Purchaser will accept the bid of the bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the documents issued.
21. Notification of acceptance	21.1 Prior to the expiration of the period of validity of bid, the Purchaser will notify the successful bidder, in writing, that its bid has been accepted.
22. Payments	22.1 Payments will be made after commissioning of the Supplying, Installation and Commissioning of Backup Solution within 30 days from the invoice.
23. Termination Clause	23.1 The Chairman of Development Lotteries Board has the right to terminate the agreement; in the event of the services do not meet the requirements Specified in the tender document.
24. Contract Period	24.1 The contract period is 90 days from the letter of award.

25. Governing Law	25.1 The tenders and any contract resulting there from shall be governed by and construed according to the Law of Sri Lanka.
26. Liquidated Damages	26.1 The liquidated damages should be half (0.5) percent per week of contract price or part thereof. Maximum amount of liquidated damages 10% of the contract price.
27. Manufacture's Authorization	27.1 Hardware items should be manufactured by a reputed manufacturer at their factory. The country of origin of the all items should be given clearly with the name of manufacturer. Manufactures Authorization should be provided
28. Warranty period	28.1 03 Years comprehensive
29. Availability Spare parts	29.1 The Bidder shall submit a written undertaking that parts for the hardware r offered shall be available and could be supplied for a minimum period of five years from the date of supply.

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Section II: Data Sheet

ITB Clause Reference	
1.1	The Purchaser is : Chairman, Development Lotteries Board, Address: No. 356, Dr. Colvin R De Silva mawatha, Union Place, Colombo 02
5.1	Bidders are allowed to quote for all items or selected items specified in the section V (Not Allowed)
7.3	Manufacture's Authorization is required.
11.1	Address for submission of Bids is : Chairman, Minor Procurement Committee, Development Lotteries Board, No. 356, Dr. Colvin R De Silva mawatha, Union Place, Colombo 02 Deadline for submission of bids is 2.30 p.m. 20.07.2022
13	The bids shall be opened at the following address: Chairman, Minor Procurement Committee, Development Lotteries Board, No. 356, Dr. Colvin R De Silva mawatha, Union Place, Colombo 02 Bids will be opened on 2.30 p.m. 20.07.2022
16 ¹	Other factors that will be considered for evaluation are QCBS methods.

¹ Insert only if additional factors other than price is considered for evaluation.

Section III. Eligibility Criteria

DEVELOPMENT LOTTERIES BOARD Supplying, Installation and Commissioning of Backup Solution Eligibility criteria

Eligible bidders should have the following requirements and should prove same with documentary evidence sent along with their offers.

No	Description of Requirement	Bidder's Response	
		Yes / No	Remarks
Service provider selection criteria			
1	Technical Confidence An Engineer should be in the position of Backup and NAS system installations and troubleshooting methodologies with provable experience of 2 years of experience in the same category or more in the environment.		
2	The vendor should provide 03 successfully completed backup solutions within the last 05 years. Disclose References with their contact details and the project value should be not less than LKR one million for each project.		
3	Bidder should provide certified engineers with their certification for the quoted main product categories.		
4	Quoted main hardware brands should have a local authority with direct access for replacing appliances within the warranty period.		
5	The bidder (reseller) should have an authorized service partnership minimum of 3 years with the principal and should be in active status.		
6	Offered Product should have manufacture recognized Authorized Service Provider in Sri Lanka.		
7	The original and valid Manufacturer Authorization letter should provide for each product category quoted.		
8	Bidder should provide audited financial accounts for the immediate last 3 years.		
9	The annual turnover value should be not less than 50 million per annum for the past 3 years.		
10	Bidder should be a company incorporated under Companies Act No. 7 of 2007 Sri Lanka,		
11	The bidder should provide the documentary evidence for three active maintenance agreements which support 24x7 for 365 days		

Note: All Statement of Conformity should be supported by relevant proof documentation. Without such documentary support, the bid will be considered non-responsive

.....
Authorized Signature
(with seal)

Section III. Eligibility Criteria

I hereby certified above details are true and accurate.

Authorized signature :

With seal
Company Name :

Company Address :

Vat No :

Tel/Fax :

Contact Person :

Date :

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SUPPLYING INSTALLATION COMMISSIONING OF BACKUP SOLUTION

2. Technical Specification

2.1. Backup Software

Description	Bidders Response	
	Yes/ No	Remarks
Deployment		
1.The data protection solution must support the ability to restore to multiple parallel locations to enhance business recovery operations and operational		
2.Solution should be in leader quadrant of Gartner Magic quadrant continuously in last five years (2017-2021) for Enterprise Backup and Recovery Software Solutions		
3.The proposed solution should not have a limitation on backup capacity.		
Flexibility		
Solution should have the capability to backup virtual, physical and cloud workloads through a single console		
4. The proposed solution must not require installation of agents in virtual machines for performing backups		
5. The data protection solution must provide client-side deduplication for reduced network utilization		
6. The data protection solution must offer cloud tie ring without the use of any AWS Gateways		
7. The proposed solution must be hardware-agnostic		
8. The proposed solution must support deployment on physical hardware, virtual infrastructure and the cloud		
9. The proposed solution must allow administration using a GUI (application) and CLI		
10. The proposed solution must have integrated encryption key management		
11. The proposed solution must support D2D2T and D2D2C backup storage architecture		

Section IV. Technical Specification

12. The proposed solution must support any type of the disk storage (DAS, NAS, SAN) for backup repository		
13. The proposed solution must support tape storage (stand-alone tape drives and tape libraries including but not limited to ACS controlled robot libraries) from major vendors		
14. The proposed solution must support Virtual Tape Libraries (VTL)		
15. The proposed solution must support data transfer over both LAN and SAN		
16. The proposed solution must support major public cloud providers as a backup storage		
17. The proposed solution must support deduplication to the cloud to minimize data transfers		
18. The proposed solution must provide synthetic backup capability		
19. The proposed solution must allow the creation of ad-hoc manual backups		
20. The proposed solution must support data encryption		
21. The proposed solution must allow the failed backup job to be resumed from the last checkpoint		
22. The data protection solution deployment must not involve independent backup apps to protect data		
23. The data protection solution must support physical and virtual Machines, multiple gateways, WAN accelerators, proxy servers and/or guest interaction proxies/log shipping servers/tape servers		
24. The data protection solution must provide version downgrade path after upgrading to a new version release		
25. Cloud tie ring in the data protection solution must not require additional shelves, storage, usable capacity for cloud tie ring		
26. The data protection solution must not require any drivers to use VMware CBT		
27. The data protection solution must offer both IP and Fiber Channel (FC) support for data movement.		
Workload Support		
28. The data protection solution must support VMware, and Microsoft Hyper-V virtualization for Virtual Machines support		
29. The proposed solution must provide dissimilar system restore and dissimilar Disk Layout restore		

Section IV. Technical Specification

30. The proposed solution must allow restore even after software maintenance expiration		
31. The proposed solution must be able to restore individual Active Directory object from Windows System State backup		
32. The proposed solution must allow booting the virtual machine directly from the disk-based backup repository		
VMware		
33. The proposed solution must support VMware vSphere 6.0 and newer		
34. The proposed solution must support vSphere servers managed by vCenter as well as standalone ESXi servers		
35. The proposed solution must support VMware v SAN 6.5 and newer		
36. The proposed solution must support all data transport modes supported by VDDK 6.7.2 (SAN, NBD, NBDSSL, hot-add)		
37. The proposed solution must contain a mechanism for automatic VMware VM detection and protection without need of changing backup policies		
38. The proposed solution must allow exclusion of deleted blocks and swap file from VMware virtual machine backup		
39. The proposed solution should support backup VMware environment without any proxy servers		
40. The proposed solution must support single-pass backup of Microsoft Exchange, Microsoft SQL Server and Microsoft SharePoint with possibility to restore granular items as described later.		
41. The proposed solution must not require a separate application-level backup or log shipping when protecting Microsoft Exchange, Microsoft SQL Server and Microsoft SharePoint		
Hyper-V		
42. The proposed solution must support Microsoft Hyper-V 2008 SP2 and above		
43. The proposed solution must use Windows Management Instrumentation (WMI) for protection virtual machines running on Hyper-V 2016 and newer		
44. The proposed solution must support protection of virtual machines residing on the NTFS, ReFS, Windows Storage Spaces, Storage Spaces Direct and SMB 3.0 file shares		

Section IV. Technical Specification

45. The proposed solution should support backup Hyper-V environment without any proxy servers		
46. The proposed solution must support Resilient Change Tracking (RCT)		
47. The proposed solution must support synthetic backups (created from last full and RCT incremental backup) of the Hyper-V virtual machines to enable incremental-forever backups		
48. The proposed solution must contain a mechanism for automatic Hyper-V VM detection and protection without need of changing backup policies		
49. The proposed solution must allow exclusion of deleted blocks and swap file from Hyper-V virtual machine backup		
50. The proposed solution must support exclusion of boot disks from Hyper-V virtual machine backup		
51. The proposed solution must support exclusion of data disks from Hyper-V virtual machine backup		
Exchange		
52. The proposed solution must support Microsoft Exchange 2010 and later		
53. The proposed solution must support all Exchange Server backup methods: full, differential, and incremental		
54. The proposed solution must perform online Exchange backups without need of taking the Exchange server offline		
55. The proposed solution must support stand-alone servers as well as Database Availability Groups		
56. The proposed solution must allow performing Instant Recovery Exchange backups and backups with a hardware provider.		
57. The proposed solution must allow performing restores to another Exchange database or on a different Exchange server		
58. The proposed solution must allow performing redirected restores to alternate Exchange mailboxes, mailbox folders, mailbox messages, public folders		
59. The Proposed solution must allow search individual Items (Ex-attachments) from Exchange mailboxes, mailbox folders, mailbox messages, public folders and restore		

Section IV. Technical Specification

60. The proposed solution must allow restoring individual Exchange mailbox and public folder items directly from any full Exchange database backup		
SQL		
61. The proposed solution must support Microsoft SQL Server 2008 and above		
62. The proposed solution must support SQL Server Availability Groups		
63. The proposed solution must support automated SQL instance discovery		
64. The proposed solution should not require user-created batch scripts, which had instructions for backing up SQL database instances and transaction logs		
65. The proposed solution must provide full, differential and transaction log backups of the SQL databases		
66. The proposed solution must not use log-shipping method for protecting SQL transaction logs		
67. The proposed solution must allow performing off-host MS SQL Server backups, Instant Recovery backups, and backups with a hardware provider.		
68. The proposed solution must support full SQL database restore and recovery		
69. The proposed solution must support SQL file group restore		
70. The proposed solution must support SQL database file restore		
71. The proposed solution must support SQL transaction log restore to a specific point in time		
72. The proposed solution must support SQL transaction log restore to a specific transaction		
NDMP		
73. The proposed solution must support the use of the Network Data Management Protocol (NDMP) to initiate and control backups and restores of Network Attached Storage systems (NAS)		
74. The proposed solution must support NDMP v4		
75. The proposed solution must be using the filer's change detection techniques to identify the modifications that occurred since the last backup		
76. The proposed solution must support NDMP local and 3-way backups		

Section IV. Technical Specification

77. The proposed solution must support NDMP Direct Copy feature		
78. The proposed solution must allow single file restore from NDMP backups		
79. The proposed solution must support NDMP Direct Access Recovery (DAR) feature		
Reporting		
80. The solution's reporting system should be capable to send email automatically on daily basis as attachments in .pdf, .csv and html format		
81. The proposed solution must have the capability to centrally manage, monitor, and report against software and appliance environments, including multiple backup environments		
82. The proposed solution must be able to send job notifications via email or SNMP		
83. The proposed solution should provide a single dashboard to track DR readiness status of all the selected applications.		
84. The data protection support for Oracle single node and Oracle RAC on Physical server must be available for Windows and Linux operating systems.		
85. The data protection solution must not depend on any third-party user interface and/or product, bundled or not, for granular recovery		
86. The data protection solution must not depend on any third-party tool/product, bundled or/not, for Bare metal recovery (BMR)		
87. The data protection solution must support Windows, RedHat/Suse/Oracle/CentOS Linux, AIX, and Solaris for physical server backup and recovery		
88. The data protection solution must have support for P2V, V2P, P2P target recovery environments		
89. The data protection solution must be a vSAN certified		
90. The data protection solution must support IPV6		
91. The data protection solution must provide integrated tape support without using 3rd party vendors (ex: Qstar) to tape out and also provide Fiber channel tape out support		
Operational Simplicity		

Section IV. Technical Specification

92. The data protection solution must not require any manual Oracle configuration steps to enable source side deduplication for Oracle databases		
93. The data protection solution must not require different products for supporting physical servers with any operating systems including Windows, RedHat/Suse/Oracle/CentOS Linux, AIX, and Solaris		
94. The data protection solution must not have any dependency on OS specific non-standard binaries for file level restores		
95. The data protection solution must not require additional licenses and/or fees to enable the use of cloud tiering or replication		
96. The data protection solution must provide VMware VAAI support for any NAS Platform use		
Security		
97. The data protection solution must prevent unauthorized write/delete operations on backup storage		
Scale & Performance		
98. The data protection solution must not require data gathering during restore due to scattered data locality architecture		
Data Reduction		
99. The data protection solution must support intelligent and fixed deduplication technology		
100. The data protection solution must offer deduplication without the use of 3rd party arrays/tools		
101. The data protection solution must provide dedupe database off host protection		
102. Deduplication technology in the data protection solution must work with all data types and not be dependent on leveraging Single Instance Storage with compression dependent on specific data types.		
103. Solution should support Global Deduplication		
104. Deduplication of VM backups in the data protection solution must not be limited to VMs in a single job.		
Data Management & Classification		
105. The data protection solution must provide enhanced GDPR compliance capabilities.		

Section IV. Technical Specification

2.2. NAS Device DLB

Description	Required Specification	Compliance	Remarks
		(Yes/No)	
Form factor	1U Rack mountable		
Processor installed	Intel Xeon 2.9GHz Dual-Core or Higher		
Memory Supported	Minimum 16GB DDR4 U-DIMM Should Include & should be expandable up to 64 GB		
Operating System	Linux-embedded system		
Storage Capacity	22TB of total usable disk space after RAID 5 - Should provide with hot spare drive.		
	512GB SSD (After RAID 1) usable capacity should be provided for enabling deduplication when required		
Storage Flexibility	NAS system should compatible to add both 3.5" SATA HDD & 2.5" SATA SSD		
Raid Levels	Single disk, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10		
Disk Management	Disk S.M.A.R.T check		
	Instant RAID		
	Multi-pool and volume management		

Section IV. Technical Specification

	Online volume expansion		
	Online Pool expansion and migration		
	Build in iSCSI initiator and Target		
	Auto-Tie ring		
	Global and dedicate hot spare disk		
	Pool Encryption		
	SSD Read and Write cache		
	Deduplication (volume and LUN)		
	Snapshot (folder and LUN)		
	Compression (volume and LUN)		
	Thin Provision for LUN		
	Virtual Volume		
Support Network Protocols	CIFS/ SMB, FTP, SFTP, WebDAV, AFP, NFS, WebDAV, Rsync , SMB 3.0,		
LAN Port	Should provide with Minimum 1 GbE LAN (RJ45) x 4 port		
	Should provide with Minimum 10GbE SFP+ LAN Port x 2 with necessary transceivers & 2M cables		
USB Port	USB 3.0 x4 & USB 2.0:x1		

Section IV. Technical Specification

HDMI Port	HDMI Port x 1		
Power Supply	Redundant power supply - 250W x2 / 100V-240		
PCIe Expansion	Gen3x8 Slot x 1		
Expansion Port	Should support to add 12Gb/s SAS Wide Port x 2		
Expansion Enclosure	Should Support to add minimum of 8 Expansion units		
File Server	File sharing across Windows/Mac/Linux/UNIX and centralized management		
FTP Server	Supports data access from remote location via FTP		
	Bandwidth Control		
	Connection control		
	FTP with SSL/ TLS (explicit) mode		
	FXP supported		
	Passive FTP port range control		
Snapshot & Replica	Snapshot and Replication		
	Block-Level Snapshot and Replication		
	Schedule and manually taking Snapshot		
	Snapshot retention policy		

Section IV. Technical Specification

	Snapshot Single file restore		
	Snapshot lock		
Synchronization & Replication	Should Support synchronizing Volumes/ Folders between multiple similar NAS system and version control		
	Real-time Remote Replication		
Backup	USB Backup		
	Cloud backup & synchronization: Google Drive, Windows OneDrive, Dropbox, Yandex, HIDRIVE		
	Public Cloud synchronization: Google Drive, Microsoft OneDrive, Dropbox		
	Public Cloud backup: Alibaba Cloud OSS, HiCloud S3, Amazon S3 and S3 compatible		
Client Backup	Minimally include 400 user backup license		
	Opened file backup support		
	Scheduling backup (Monthly, weekly, daily, automatically)		
	Backup configuration for fast upload speeds (Single version, incremental and differential)		
	Personal key encryption.		
	Backup filter		
	Backup an entire PC to the NAS as a bare metal backup		
	Personal key encryption.		

Section IV. Technical Specification

Web & Database Server support	Built-in phpMyAdmin, MariaDB database server		
Printer Server Support	Printer server		
VPN Server	Supports OpenVPN, PPTP and IPsec+L2TP		
Virtualization Server	Virtual machine import/export		
	Virtual machine backup		
	Virtual machine Snapshot		
	Support virtual switch		
	Supports access from IE, Safari, Firefox, Chrome		
	Support Windows, Linux, UNIX and Android		
	Built-in Hypervisor Manager		
Networking	VLAN		
	Link aggregation (support 11 bonding modes)		
	Multi-IP settings		
	Gigabit Jumbo Frame		
Log	System log		
	System connection Log		

Section IV. Technical Specification

	Data transfer log		
Notification	Email,		
	syslog		
	RESTful API		
	SNMP		
Connection	IPv4, IPv6 and DDNS domain name registration		
	Auto port forwarding		
File Systems	Internal drive: ZFS		
	External drive: EXT2/EXT3/EXT4/FAT/NTFS/HFS		
Supported Operating Systems	Windows		
	Mac OS X		
	UNIX, Linux		
System Tools	NTP time settings		
	Import system configuration		
	System firmware update		
	IP access control		

Section IV. Technical Specification

	Policy-based unauthorized IP blocking		
	Connection list management		
	Real-time Resource (CPU, Memory, Storage , Pool, Process) / Hardware/ Service/ Network resource monitor		
	Import SSL certificate		
	Network recycle bin		
	Secure remote login by SSH connection		
User Management	Local / domain user and group management		
	Local / domain application privilege		
	User quota for local and domain user		
	Windows AD and LDAP support		
Folder Management	Advanced ACL		
	Windows ACL		
	Hide shared folder on Windows network		
	Unicode support		
	File retention		
	Folder quota		

Section IV. Technical Specification

	Folder usage threshold notification		
Security	Pool Encryption with AES-256		
	Service Binding		
	Firewall		
	Internet SSL		
	IP-blocking (Ban-list)		
	Write Once Read Many (WORM)		
	Self-Encrypting Drive (SED) support		
Antivirus	Periodic Scans		
	Automatic Quarantine infected files		
Power Management	HDD hibernation		
	Power schedule		
	Wake on LAN		
	UPS settings		
	Recover from power outage		
File Manager	File preview		

Section IV. Technical Specification

	Embedded file player		
	Filter		
	Mount Cloud (Google Drive, OneDrive, Dropbox)		
	ISO image mount		
	Share link		
	Team folder sharing		
	Publish to facebook, twitter, weibo		
	Media library		
	Media streaming		
	Online doc preview and editing		
	Transcoding (online/offline), compression		
Virtualization Support	Windows: Hyper-V, storage space		
	VMware: VMware 6.7 ready, VAAI, SRM		
	Citrix: Citrix 7.0 ready		
Utility	Desktop utility that searches storage in the local area network		
	Browser-based utility that searches storage in the local area network		

Section IV. Technical Specification

	Utility that backup an image of a disk, partition, folder, or file. or entire PC as a bare-metal backup		
Accessories	NAS should include all required accessories -Cable management arm kit -Railings -Power cords		
Temperature	Operating temperature: 0 to 40°C		
Relative Humidity	Operating relative humidity : 20% to 80% non-condensing		
Warranty	3-years comprehensive manufacture authorized on-site warranty		
Brand Name	(Please indicate)		
Model No	(Please indicate)		
Manufacture Authorization	Compulsory		

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2.3. NAS Device SLT

Description	Required Specification	Compliance	Remarks
		(Yes/No)	
Form factor	1U Rack mountable		
Processor installed	Intel Xeon 2.9GHz Dual-Core or Higher		
Memory Supported	Minimum 16GB DDR4 U-DIMM Should Include & should be expandable up to 64 GB		
Operating System	Linux-embedded system		

Section IV. Technical Specification

Storage Capacity	8TB of total usable disk space after RAID 5 - Should provided with hot spare drive		
	512GB SSD (After RAID 1) usable capacity should be provided for enabling deduplication.		
Storage Flexibility	NAS system should compatible to mix and add 3.5" SATA HDD & 2.5" SATA SSD for enabling SSD cache .		
Raid Levels	Single disk, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10		
Disk Management	Disk S.M.A.R.T check		
	Instant RAID		
	Multi-pool and volume management		
	Online volume expansion		
	Online Pool expansion and migration		
	Build in iSCSI initiator and Target		
	Auto-Tiering		
	Global and dedicate hot spare disk		
	Pool Encryption		
	SSD Read and Write cache		
	Deduplication (volume and LUN)		
	Snapshot (folder and LUN)		
	Compression (volume and LUN)		
Thin Provision for LUN			
Virtual Volume			

Section IV. Technical Specification

Support Network Protocols	CIFS/ SMB, FTP, SFTP, WebDAV, AFP, NFS, WebDAV, Rsync , SMB 3.0,		
LAN Port	Should provided with Minimum 1 GbE LAN (RJ45) x 4 port		
	Should Support to add 10GbE SFP+ & 10GbE RJ45 2 Port		
USB Port	USB 3.0 x4 & USB 2.0:x1		
HDMI Port	HDMI Port x 1		
Power Supply	Redundant power supply - 250W x2 / 100V-240		
PCIe Expansion	Gen3x8 Slot x 1		
Expansion Port	Should support to add 12Gb/s SAS Wide Port x 2		
Expansion Enclosure	Should Support to add minimum of 8 Expansion units		
File Server	File sharing across Windows/Mac/Linux/UNIX and centralized management		
FTP Server	Supports data access from remote location via FTP		
	Bandwidth Control		
	Connection control		
	FTP with SSL/ TLS (explicit) mode		
	FXP supported		
	Passive FTP port range control		
Snapshot & Replica	Snapshot and Replication		
	Block-Level Snapshot and Replication		
	Schedule and manually taking Snapshot		
	Snapshot retention policy		
	Snapshot Single file restore		

Section IV. Technical Specification

	Snapshot lock		
Synchronization & Replication	Should Support synchronizing Volumes/ Folders between multiple similar NAS system and version control		
	Real-time Remote Replication		
Backup	USB Backup		
	Cloud backup & synchronization: Google Drive, Windows OneDrive, Dropbox, Yandex, HIDRIVE		
	Public Cloud synchronization: Google Drive, Microsoft OneDrive, Dropbox		
	Public Cloud backup: Alibaba Cloud OSS, HiCloud S3, Amazon S3 and S3 compatible		
Web & Database Server support	Built-in phpMyAdmin, MariaDB database server		
Printer Server Support	Printer server		
VPN Server	Supports OpenVPN, PPTP and IPsec+L2TP		
Virtualization Server	Virtual machine import/export		
	Virtual machine backup		
	Virtual machine Snapshot		
	Support virtual switch		
	Supports access from IE, Safari, Firefox, Chrome		
	Support Windows, Linux, UNIX and Android		
	Built-in Hypervisor Manager		
Networking	VLAN		
	Link aggregation (support 11 bonding modes)		

Section IV. Technical Specification

	Multi-IP settings		
	Gigabit Jumbo Frame		
Log	System log		
	System connection Log		
	Data transfer log		
Notification	Email,		
	syslog		
	RESTful API		
	SNMP		
Connection	IPv4, IPv6 and DDNS domain name registration		
	Auto port forwarding		
File Systems	Internal drive: ZFS		
	External drive: EXT2/EXT3/EXT4/FAT/NTFS/HFS		
Supported Operating Systems	Windows		
	Mac OS X		
	UNIX, Linux		
System Tools	NTP time settings		
	Import system configuration		
	System firmware update		
	IP access control		
	Policy-based unauthorized IP blocking		

Section IV. Technical Specification

	Connection list management		
	Real-time Resource (CPU, Memory, Storage , Pool, Process) / Hardware/ Service/ Network resource monitor		
	Import SSL certificate		
	Network recycle bin		
	Secure remote login by SSH connection		
User Management	Local / domain user and group management		
	Local / domain application privilege		
	User quota for local and domain user		
	Windows AD and LDAP support		
Folder Management	Advanced ACL		
	Windows ACL		
	Hide shared folder on Windows network		
	Unicode support		
	File retention		
	Folder quota		
	Folder usage threshold notification		
Security	Pool Encryption with AES-256		
	Service Binding		
	Firewall		
	Internet SSL		
	IP-blocking (Ban-list)		

Section IV. Technical Specification

	Write Once Read Many (WORM)		
	Self-Encrypting Drive (SED) support		
Antivirus	Periodic Scans		
	Automatic Quarantine infected files		
Power Management	HDD hibernation		
	Power schedule		
	Wake on LAN		
	UPS settings		
	Recover from power outage		
File Manager	File preview		
	Embedded file player		
	Filter		
	Mount Cloud (Google Drive, OneDrive, Dropbox)		
	ISO image mount		
	Share link		
	Team folder sharing		
	Publish to facebook, twitter, weibo		
	Media library		
	Media streaming		
	Online doc preview and editing		
	Transcoding (online/offline), compression		
Virtualization Support	Windows: Hyper-V, storage space		

Section IV. Technical Specification

	VMware: VMware 6.7 ready, VAAI, SRM		
	Citrix: Citrix 7.0 ready		
Utility	Desktop utility that searches storage in the local area network		
	Browser-based utility that searches storage in the local area network		
	Utility that backup an image of a disk, partition, folder, or file. or entire PC as a bare-metal backup		
Accessories	NAS should include all required accessories -Cable management arm kit -Railings -Power cords		
Temperature	Operating temperature: 0 to 40°C		
Relative Humidity	Operating relative humidity : 20% to 80% non-condensing		
Warranty	3-years comprehensive manufacture authorized on-site warranty		
Brand Name	(Please indicate)		
Model No	(Please indicate)		
Manufacture Authorization	Compulsory		

Special Notes

- **The bidder is required to visit and examine the site and its surroundings as all the information is necessary to prepare a complete bidding document and be eligible to enter into the tender. Any cost involved in visiting the site must be borne by the bidder.**
- Bidder can provide only **one solution** and options are not considered in the evaluation. If bidder provide options for the solution, first option will be considered for the evaluation.
- Bidders must be proposed all other required accessories, Licenses accordingly based on the solution. Bidder should bear the additional cost of the device/gadget or License
- Bidder is responsible for recover any damages due to the implementation of the solution.
- Bidders must propose similar NAS model for both requirements
- The bidder should be able to provide extended warranty support for software/hardware up to 08 Years

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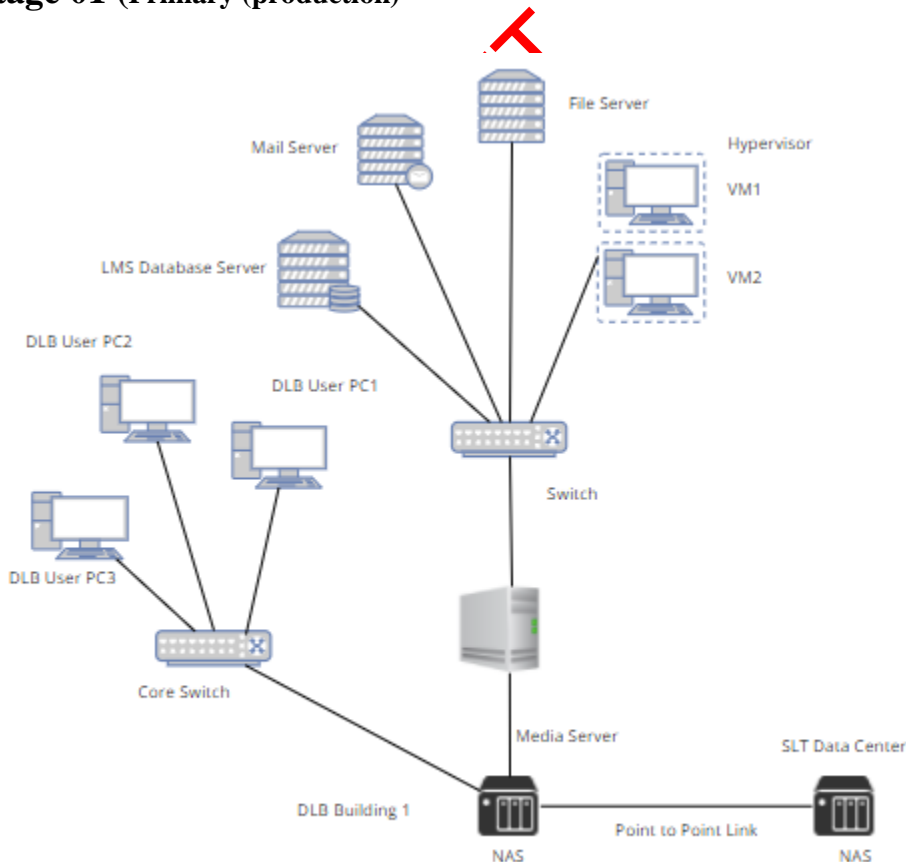
1. Scope of Implementation

3.1. Proposed Solution

One of the main strategies of the DLB IT is to maintain an offsite backup of the live database at the SLT Datacenter in order to store all the critical data at DLB. The main objectives of this solution are to recover the critical systems in case of accidental deletion, database corruption, etc. as well as preserve the critical data of all events which took place within our lottery system. The proposed solution is mainly designed to have a reliable and secure place to store the major data resources of the Lottery Live Database.

The proposed solution has been outlined in **two stages**:

3.1.1 Stage 01 (Primary (production))



- In order to address this issue, Two NAS devices will be placed on DLB and SLT datacenters.

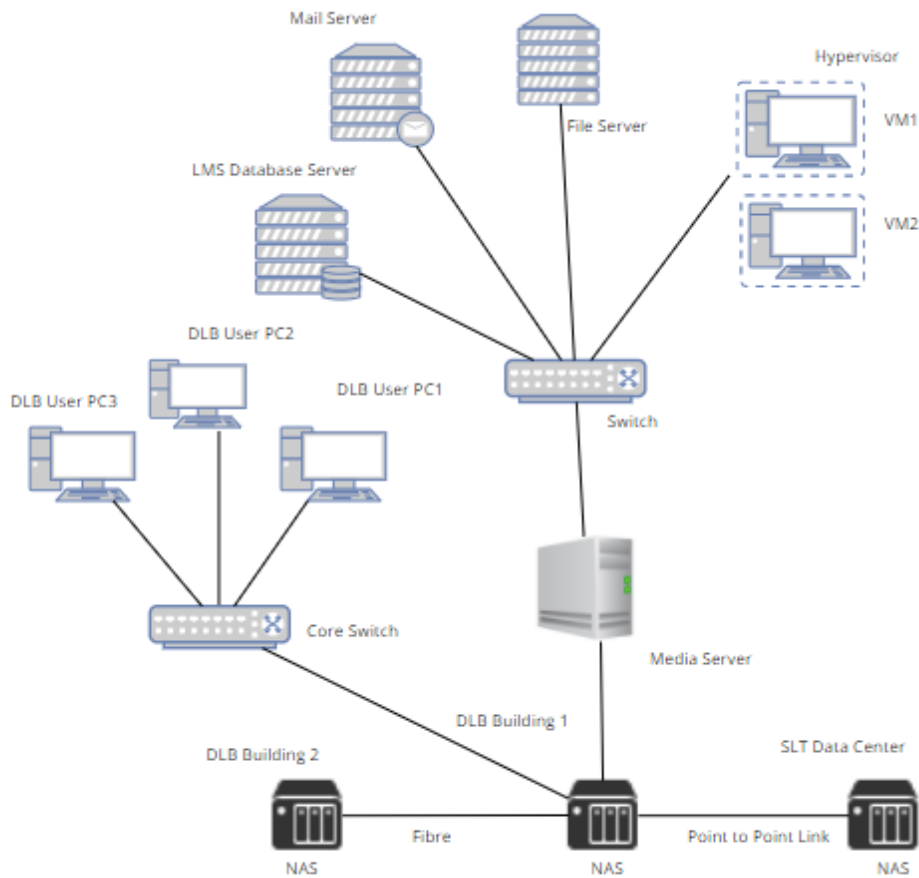
Section IV. Technical Specification

The Live database backup which is stored at the DLB data center will be replicated to the NAS at SLT Datacenter

- The backup of the critical systems is stored into the NAS device using the backup software, which is installed at the media server at the DLB datacenter.
- Hence, two NAS devices are replicated via a point-to-point link and live database backup is available at SLT Datacenter will be facilitated to recover the live database at any accidental breakdown or failure.
- It is possible to restore the live database under any circumstances from the internal server and the same backup will be duplicated in the RDX drives.
- Besides, the offsite and weekly backup will be pulled from the media server using RDX drives.
- Staff backup should be automatically stored on the NAS device using the client software which is provided by the solution.
- **Remote NAS device which is stored in the SLT datacenter should be configured as immutable for protecting any ransomware attack.**

Section IV. Technical Specification

- 3.1.2 **Stage 2**



- Under this scenario, three NAS devices will be placed, i.e. Two onsite NAS devices at DLB premises and one offsite device at SLT Datacenter.
- The first NAS device will be located at DLB Building 1 and the additional device will be located at DLB Building 2 by replicating via a fiber link.
- A mirror image of the live database will be stored in Building 1 &2 simultaneously.
- Therefore, under the accidental DB corruption of one NAS device can be recovered through the additional NAS device.
- Secondary NAS device which is stored in the building two should be configured as immutable for protecting any ransomware attack.

3.1.2a Items Required

1. **Two** NAS Devices
2. Fiber Link between two buildings

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Section V. Shedule of Requirement

3.2. Workload Information

3.2.1. Backup Solution Scope

No	Host Name	Operating System version and the service pack level	Applications	Actual Data Size (GB)	LAN Connectivity	Sockets	Connected Storage	Current Backup methodology	Backup Technology	Backup Policy	Backup retention policy	RPO	RTO
1	DB Server	MS Windows	MS SQL	500GB	4 x 1Gb/s	2		Disk		Daily Full backup at 5.00 P.M	Daily backup 2 Weeks, Monthly Backup 3 Months, Yearly Backup 5 Years	15 Minutes	
2	Mail Server	MS Windows	MS Exchange	5 Database, Total Capacity 1.8 TB	4 x 1Gb/s	2		Disk		Once a Week Full and Daily incremental	Weekly backup 2 Weeks, Monthly Backup 3 Months, Yearly Backup 5 Years	15 Minutes	
3	File Server	MS Windows	File Server	1.6TB	2 x 1Gb/s	1		Disk		Daily Full backup	Weekly backup 2 Weeks, Monthly Backup 3 Months, Yearly Backup 5 Years		
4	HPV-33	Windows	Centos VM 18 Windows 7	4.2 TB	4 x 1Gb/s	2		Disk		Once a Week Full and Daily incremental	Weekly backup 2 Weeks, Monthly Backup 3 Months, Yearly Backup 5 Years		

Section V. Schedule of Requirements

1.DB Server

OS: MS Windows
Database: MS SQL database
Size: 500GB

- Database should be fully backup weekly and incremental backup every 15 minutes.
- Database required *to be* capable of recovering 15 minutes RPO using on-premises NAS device and 1 hour for SLT *off-site* backup
- Every day at 11.00 P.M. full backup need to be back up to RDX drive

2. Mail Server

OS – Ms Windows Std
MS Exchange Std
Databases Size: 1.8 TB

- Server – Bare metal backup once a month
- MS Exchange server: Weekly full backup and 4 hours incremental

3. File Server

- Full back up weekly incremental every 4 hours
- Full data backup to RDX every month.

4. Hypervisor

- Windows and Open source VM should be back up weekly.

Section V. Schedule of Requirements

3.3. Implementation

B.9: Implementation		
No	Implementation Scope: Bidder's Side Implementation	Remark
1	Bidders should follow all industry standards and best practices when implementing the whole solution.	
2	Even though at Stage one, only the Primary (production) site will be implemented, the solution for the Production site should be capable of stage two	
3	It is the Bidder's responsibility to check the existing infrastructure and request the required information formally from the DLB.	
4	Bidders should provide a clear technical write-up of the overall proposed solution with clear diagrams highlighting how the required specifications are met.	
5	One of the existing RDX drives and cartridges will be used for external backup	
6	All proposed equipment must be configured to the existing Racks at the "Development Lotteries Board" and SLT data Center. It is the bidder's responsibility to check the suitability of the existing Racks.	
7	Provide the fully detailed Logical and Physical diagrams of all implementation.	
8	Creating Pools and LUNs according to the DLB requirement.	
9	Provide a secure remote support methodology.	
10	After the warranty period, the bidder should be capable of providing the maintenance service with DLB.	
11	Bidders should propose all relevant components and It is the bidder's duty to provide all necessary accessories(Patch cords ,cage nuts etc) relevant to the complete solution.	
12	Bidders must clearly state the power and cooling requirements and other floor space requirements required for the proposed solution.	

Section V. Schedule of Requirements

13	<p>Bidders must clearly fill and attach the below compliance along with the bid documents. The bidder should provide a 3-Year 24x7 comprehensive. Warranty for all equipment and software included in the proposed solution. Manufacture authorization shall be attached as proof.</p>	
14	All License should be Favorable to Development Lotteries Board and direct access to the License web portal.	
15	The Development Lotteries Board should be able to submit a Service Request Ticket directly.	
16	After completing three years' service agreement bidder has to be ready for the maintenance agreement. Tentative costs for the fourth and fifth year should be provided (including 24x7 support) with the proposal	
17	Bidders must clearly fill and attach the below compliance along with the bid documents	
18	Provide all the necessary monitoring tools and dashboards to the IT Staff at DLB.	
19	Bidder should provide the necessary training (Training should be done by the certified trainer / Institute) to DLB Staff Members (Two) as per the proposed solution.	
20	The only first stage is implemented in the first phase.	
21	Bidder should specify the clear hardware and OS requirement of the server, which Backup software will be installed . Lowest OS and hardware requirement of the Server will be gain the high priority of evaluation.	

Section V. Schedule of Requirements

B.10 Service Level Agreement

Bidder should sign a service level agreement for the backup solution at facilitating for following

1) **Real-Time Service-For Corrective Maintenance Service from 8.00 a.m to 22.00 p.m** Customer service hotline should be accessible from 8.00 a.m to 22.00 p.m and 365 days a year break down call reporting involves “Customer Help Desk Support Service”.

2) **Downtime for call attendance**

Breakdown calls have to be attended to within the 2 hours’ time of notifying a breakdown. Offering call reference numbers should be mandatory.

3) **On-loan Equipment**

Equivalent equipment should be provided for all items, which are in the proposed solution.

4) **Resolution time**

Within 4 working hours, either the affected item should be repaired on-site or on loan equipment should be supplied.

5) **Free Spares**

All malfunctioning hardware parts of the given item list ought to be replaced free of charge.

All parts should be replaced same as the faulty parts. If the provider is replacing different parts, (which were not there originally) he should get prior approval from the Development Lotteries Board.

Section VI. Company Profile

Company Details

- 1. Name : -
- 2. Address :-
- 3. Telephone / Fax :-
- 4. Email : -
- 5. Contract person :-
- 6. Company registered Years:-
- 7. Vat No :-

- 8. Customer List :- (Details To be attached)

Customer Name with Contract No	Brand	Qty Sold	Year

All details are true and accurate

.....
Authorized Signature
(with seal)

.....
Date

Section VII. Bid form
Development lotteries Board

Bid Form

The Chairman,
Minor Procurement Committee,
Development Lotteries Board,
No. 356, Colvin R. De Silva Mw,
Colombo 02, Sri Lanka

Supplying, Installation and Commissioning of Backup Solution

I / We, the undersigned, having read and fully acquainted myself/ourselves with the contents of the "Information and Instructions to bidder and Terms and Conditions of Bid" pertaining to the above bid, along with annexure/Schedule, thereto, hereby undertake to Supplying of referred to therein, in accordance with the aforesaid Instructions, Terms and Conditions for a total Bid Price of The makeup of the aforesaid total Bid Price is given in the accompanying Price Schedule annex 2.

I / We confirm that this offer shall be opened for acceptance until and that it will not be withdrawn or revoked prior to that date.

I / We attach hereto the following documents as part of my / our Bid:

1. Price Schedule
2. Documentary evidence to establish eligibility to bid.
3. Any other documents – (Experience certificate, etc.)
4. Bid security guarantee

I / We understand that you are not bound to accept the lowest tender and that you reserve the right to reject any or all tenders or to accept any part of a bid without assigning any reasons thereof .

We undertake to adhere to the Delivery terms.

My / Our Bank Reference is as follows :

Signature of bidder :

Name of Bidder :

Address :

Fax :

Date :

Section VIII: Price Schedules

Price Schedule

Line Item No.	Description of Goods or related services	Qty	Unit	Brand	Country of origin	Unit price (Excluding VAT) Rs.	Total Value (Excluding VAT) Rs.
A.1	Backup Software	01	Nos				
A.2	NAS Devices – DLB	1	Nos				
	NAS Devices – SLT	01	Nos				
A3	Implementation and commissioning	01	Nos				
A4	SLA for 03 Year						
A5	+ Vat 12%						
A6	Total Bid Price						

Total Bid Price In Words :

.....

Additional information for future expansions

B1	Agent base License (Physical Servers)	1	Nos				
B2	Socket base License for VMware/ Hyper - environment	1	Nos				
B3	Annual maintainer cost of 04 th years						
	Annual maintainer cost of 05 th years						

.....
 Authorized Signature
 (with seal)

.....
 Date

Name of the Bidder : -

Address :-

Telephone / Fax :-

Email : -

Contract person : -

Section VIII. Price Schedule

List of Goods and Delivery Schedule

Item No	Description of Goods	Qty.	Unit	Final Destination	Transportation and any other services	Completion of the Project	
						Latest completion date of the project (weeks)	Bidder's completion date (weeks)
A.1	Backup Software	1	Nos.	DLB	By Supplier	90 days from the letter of award	
A.2	NAS Devices – DLB & SLT	2	Nos.				
A.3	Implementation and commissioning	1	Nos	DLB	By Supplier		
A.4	SLA for 03 years	1	Nos	DLB	By Supplier		

.....

Authorized Signature
(with seal)

.....

Date

Section IX. Bid Security

Section VI.

SPECIMEN FORM OF BID SECURITY

----- [insert issuing agency’s name, and address of issuing branch or office] ---

Beneficiary: ----- [insert (by PE) name and address of Employer/Purchaser]

Date: ----- [insert (by issuing agency) date]

BID GUARANTEE No.: ----- [insert (by issuing agency) number]

We have been informed that ----- [insert (by issuing agency) name of the Bidder; if a joint venture, list complete legal names of partners] (hereinafter called "the Bidder") has submitted to you its bid dated ----- [insert (by issuing agency) date](hereinafter called "the Bid") for the execution/supply [select appropriately] of [insert name of Contract] under Invitation for Bids No.

----- [insert IFB number] (“the IFB”).

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.

At the request of the Bidder, we ----- [insert name of issuing agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- [insert amount in figures] ----- [insert amount in words] upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

(a) has withdrawn its Bid during the period of bid validity specified; or

(b) does not accept the correction of errors in accordance with the Instructions to

Bidders (hereinafter “the ITB”) of the IFB; or.

(c) having been notified of the acceptance of its Bid by the Employer/Purchaser during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (b) if the Bidder is not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder that the Bidder was unsuccessful, otherwise it will remain in force up to --- (insert date)

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date. _____

.....

[Signature of authorized representative(s)]

Section X: performance Security

SPECIMEN FORM OF PERFORMANCE BANK GUARANTEE

----- [Issuing Agency's Name, and Address of Issuing Branch or Office] -----

Beneficiary: ----- [Name and Address of Employer] -----

Date: -----

PERFORMANCE GUARANTEE No.: -----

We have been informed that ----- [name of Contractor/Supplier] (hereinafter called "the Contractor") has entered into Contract No. ----- [reference number of the contract] dated ----- with you, for the ----- [insert "construction"/ "Supply"] of ----- [name of contract and brief description of Works] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Contractor, we ----- [name of Agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- [amount in figures] (-----) [amount in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the Day of, 20... [insert date, 28 days beyond the scheduled contract completion date] and any demand for payment under it must be received by us at this office on or before that date.

[signature(s)]

Section XI : Manufacturing Authorizing

Manufacturer's Authorization

[If requested under ITB clause 7.3, the Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated.]

Date:

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and supply the goods.

We hereby extend our full guarantee and warranty, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____ day of _____ in

Section XII: Agreement

Agreement

THIS AGREEMENT made the 00th Day of XX XXX 2022 Between the Development Lotteries Board duly incorporated under Parliament Act No 20 of 1997 of Sri Lanka and having its registered office at No 356, Dr. Colvin R De Silva Mawatha, Colombo 02, Sri Lanka (hereinafter “The Purchaser”) of the one part and having its registered office at (Hereinafter “The Supplier”) of the other part.

WHEREAS the Purchaser invited bids for the supply of..... and Related Services, viz., has accepted a Bid by the supplier for the supply of those Vehicles and Related Services in the sum of (without tax).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

01. In this Agreement words and expressions shall have the same meaning as are respectively assigned to them in the Conditions of bid referred to.
02. The following documents shall be deemed to form and be read and Construed as part of this Agreement, viz.

1. Award of Contract
2. Bid submission Sheet and Price Schedule
3. Special Conditions of the Contract
4. General Conditions of the Contract
5. The schedule of supply
6. Workshop Facilities
7. Documentary evidence to establish eligibility to bid.
8. Any other documents – (Experience certificate, etc.)

This shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

03. In consideration of the payments to be made by the Purchaser to the Supplier as indicated in this agreement, the Supplier hereby covenants with the supplier to provide the and Related Services to remedy defects therein in conformity in all respects with the provisions of the Contract.

04. The Purchaser hereby covenants to pay the supplier in consideration of the provision of the and Related Services and the remedying of defects

therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with laws of Sri Lanka on the day, month and year indicated below.

.....
Chairman / CEO
Development Lotteries Board

.....
Working Director
Development Lotteries Board

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Witness: 1.....

.....
Manager
..... Limited

Witness: 1.....