

5 January, 2021

ADDENDUM NO. 3

**NSSF TENDER NO. 14/2020-2021– SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF DATA BACK-UP
SOLUTION**

All prospective bidders for the above captioned tender are hereby notified of clarifications on various sections of the tender document in reference to questions raised by bidders as hereunder:-

| A | SPECIFIC QUESTIONS RELATED TO PROVISIONS OF THE TENDER DOCUMENT | | | | |
|------|---|----------------------------------|--|---|---|
| S.No | PAGE | SECTION | TENDERED DESCRIPTION | BIDDER'S QUERY | PROCURING ENTITY'S RESPONSE |
| 1 | Page 52 | TENDER SECURING DECLARATION FORM | We understand that if we are a Joint Venture, the Tender Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Tender Securing Declaration shall be in the names of all future partners as named in the letter of intent | Can we go for Teaming agreement with AGPO-YOUTH registered company in place of a JV ? | No. A Joint Venture is the requirement. |

| S.No | PAGE | SECTION | TENDERED DESCRIPTION | BIDDER'S QUERY | PROCURING ENTITY'S RESPONSE |
|-------------|-------------|---|--|--|---|
| 2 | Page37 | BACK-UP SOLUTION | The license should allow for 5TB or more of data per single window | How much TB frontend capacity (total data) licenses NSSF is looking for backup? This is required for sizing the any of the enterprise back up solution | At a go we will be backing up 5TB. |
| 3 | Page33 | BACKUP APPLIANCE STORAGE | The solution should provide atleast 75 TB of storage | Is NSSF looking for Backup on disaster recovery site also? Is 75 TB usable or RAW capacity? | 75TB Useable capacity |
| 4 | Page 34 | BACKUP APPLIANCE STORAGE | The appliance must be capable to act as a NetBackup Master Server, Media Server, VMWare backup host or Fiber Transport Media Serv | Is NSSF is looking for Veritas netbackup solution only ? Can bidder propose any other Backup solution (software and storage) which can provide equal or better feature and functionalities from an Enterprise Backup Solution stand point ? | Any solution that fit those requirements. |
| 5 | Page 32 | APPLICATIONS AND DATABASES SUPPORT REQUIREMENTS | Proposed software must support traditional applications and databases: Oracle, SQL/Exchange/SharePoint, DB2/Informix, SAP HANA/ASE/MaxDB Proposed software must support Big Data and NoSQL: Nutanix, Hadoop, HBase, MongoDB Proposed software must support Open Source RDBMS: MySQL, PostgreSQL, MariaDB, SQLite | Kindly confirm should the proposed solution support back-up SAP-HANA, Mongo DB , Nutanix HPC environment ? | Yes the solution should be able to backup SAP-HANA, Any Database and Nutanix HPC environment. |

| S.No | PAGE | SECTION | TENDERED DESCRIPTION | BIDDER'S QUERY | PROCURING ENTITY'S RESPONSE |
|-------------|-------------|------------------------|--|--|--|
| 6 | Page 30 | REPORTING REQUIREMENTS | The solution must provide basic and advanced reporting including but not limited to; charge back reporting, deduplication savings, backup statistics, failure reports, business level reporting for predictive forecast, backup and recovery SLA reporting | Kindly confirm are you looking for Archival functionality ? | NO. This requirement is for reporting and not archival. |
| 7 | Page 30 | REPORTING REQUIREMENTS | The solution must provide basic and advanced reporting including but not limited to; charge back reporting, deduplication savings, backup statistics, failure reports, business level reporting for predictive forecast, backup and recovery SLA reporting | Kindly confirm are you looking for backup of end points and emails also ? | No endpoint. This requirement is for reporting but we will also backup emails. |
| 8 | Page 30 | BACKUP AND STORAGE | The solution should integrate a powerful deduplication technology (MSDP) that greatly optimize disk backup storage resources, allowing administrators to lower backup storage costs | MSDP is a proprietary technology of one vendor (namely Veritas). Kindly confirm wherever propriety or Vendor specific feature/technology are mentioned in the tender document, can bidder propose equivalent or better one ? | Yes the bidder can propose equivalent solution. |
| 9 | Page 31 | BACKUP AND STORAGE | The proposed solution should embed technology that provide seamless copying of NetApp and EMC VNX hardware snapshots, while enabling admins to perform individual file searches without the need to identify the snapshots on which they reside. | Kindly confirm are you looking for Backup solution which has embed technology to take copy of Snapshots of Netapp & EMC VNX storages? | Yes |

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|-----------|---|-----------------------|--|---|--|
| 10 | Page 31 | BACKUP AND STORAGE | The proposed solution should embed technology that provide seamless copying of NetApp and EMC VNX hardware snapshots, while enabling admins to perform individual file searches without the need to identify the snapshots on which they reside. | Kindly confirm should the embed technology have feature to initiate snapshot (both inbound and outbound) of EMC & NetApp Storages from the backup software itself ? So that Backup solution will become single window for Snapshot functionality of the storage ? | Yes, Backup Software can become a single window for snapshot functionality |
| B. | GENERAL BIDDER'S QUESTIONS | | PROCURING ENTITY'S RESPONSE | | |
| 1. | What is the total size of data to be backed up? | | Core Data Alone, 50TB Upwards | | |
| 2. | How many virtual machines in total? | | 75 VMS | | |
| 3. | How many end user mailboxes? | | 400 On-Prem (Exchange) | | |
| 4. | How many end user laptops? | | Client: 400 Upwards | | |
| 5. | How many sites for backup? | | Currently 2 (DC and DR) | | |
| 6. | Virtual platform: VMware, Hyper-V, Nutanix AHV? | | Hyper-V and VMware (Running on Nutanix) | | |
| 7. | Number of hosts (ESXi / Hyper-V / Nutanix AHV): | | ESXI: 35 Hosts. Hyper-V: 40 (Replicated in DR) | | |
| 8. | Number of CPUs per host (ESXi / Hyper-V): | | Minimum of 2, upwards of 6. Varies depending on server's functions | | |
| 9. | Physical platform: Windows or Linux? | | Windows, Linux and AIX (OS running) | | |
| 10. | Number of physical servers (non-virtual) | | 25 Blade servers, 20 mixed (Cisco UCS, Lenovo, SUN, HP, Dell) | | |
| 11. | Number of physical workstations: | | Client: 1000 Upwards | | |
| 12. | Number of Office 365 users (if any) | | 1200 Office 365 | | |
| 13. | Number of IBM AIX / Oracle Solaris servers (if any) | | AIX Servers: 15 | | |
| 14. | SAP HANA and Oracle RAC applications (if any) SAP HANA: | | 6 (currently) | | |

All other specifications and conditions of the tender remain as before.

G. M. MWANDEMBO
FOR: MANAGING TRUSTEE