

**Addendum 2**
**Clause in RFP**

Sr No.	Clause in RFP	Clarifications/ Changes made
1	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>C. Experience &amp; Support Infrastructure</b>  Bidder should provide back-to-back support from the OEM for the product supplied.  Supporting Required : Undertaking from OEM for -7-year support	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>C. Experience &amp; Support Infrastructure</b>  Bidder should provide back-to-back support from the OEM for the product supplied.  Supporting Required : Undertaking from OEM for <b>-5-years</b> support
2.	<b>Annexure 12 – Project Details and Scope of Work</b> The successful vendor/OEM must fully involve and perform the seamless keys migration from the existing external key management solution to the new key management solution. The complete plan and execution must be taken care by the successful bidder by assessing the existing Backup infrastructure of the Bank. The existing external key management device used in the Bank is Gemalto KeySecure K460.	<b>Annexure 12 – Project Details and Scope of Work</b> The successful vendor/OEM must fully involve and perform the seamless keys migration from the existing external key management solution to the new key management solution. The complete plan and execution must be taken care by the successful bidder by assessing the existing Backup infrastructure of the Bank. The existing external key management device used in the Bank is Gemalto KeySecure K460.  <b>Bank needs seamless migration from existing to new external key management solution without exposing the sensitive data in plain text. Bank will provide required login credentials of the existing Gemalto keysecure K460 for this migration and there should not be any impact on the Backup operations during the migration.</b>
3.	<b>Annexure 12 – Project Details and Scope of Work</b> <b>Technical Specifications for Key Management Solution</b> <b>1. Physical Characteristics &amp; Certifications</b> <b>1.2</b> The appliance and HSM cryptocard should be from the same OEM only and not as a bundled or assembled device.	<b>Annexure 12 – Project Details and Scope of Work</b> <b>Technical Specifications for Key Management Solution</b> <b>1. Physical Characteristics &amp; Certifications</b> <b>1.2</b> The appliance should have <b>FIPS 140-2 level 3 certified Cryptocard and FIPS 140-2 Level 3 certificate of cryptocard should be submitted</b>

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4.	<p><b>Annexure 12 – Project Details and Scope of Work</b>  <b>Technical Specifications for Key Management Solution</b>  <b>1. Physical Characteristics &amp; Certifications</b>  <b>1.4</b> The FIPS 140-2 certifications of the proposed KMS appliance should be in the name of OEM.</p>	<p>NA</p>
5.	<p><b>Annexure 12 – Project Details and Scope of Work</b>  <b>Technical Specifications for Key Management Solution</b>  <b>4. Solution Capabilities</b>  <b>4.1</b> The solution should have the capability for providing the Transparent Encryption software agent for Block Cipher Encryption. Should support operating systems like HPUX, AIX, SUSE Linux, RHEL, CentOS, Windows, Solaris and all industry standard operating system. The encryption software module should be FIPS 140-2 level 1 certified with OEM name in the certification.</p>	<p><b>Annexure 12 – Project Details and Scope of Work</b>  <b>Technical Specifications for Key Management Solution</b>  <b>4. Solution Capabilities</b>  <b>4.1</b> The solution should have the capability for providing the Transparent Encryption software agent for Block Cipher Encryption. Should support operating systems like HPUX, AIX, SUSE Linux, RHEL, CentOS, Windows, Solaris and all industry standard operating system. <b>The KMS appliance should have FIPS 140-2 Level 3 certified Cryptocard to store the Encryption Keys of encryption software module. FIPS Certificate to be submitted</b></p>
6.	<p><b>Annexure 12 – Project Details and Scope of Work</b>  <b>Technical Specifications for Key Management Solution</b>  <b>6.Migration</b>  <b>6.2</b> The proposed solution should offer NAE-XML API interface which is currently utilized by the various critical applications for the cryptographic operations.</p>	<p><b>Annexure 12 – Project Details and Scope of Work</b>  <b>Technical Specifications for Key Management Solution</b>  <b>6.Migration</b>  <b>6.2</b> The proposed solution should offer NAE-XML API interface or similar API like KMIP which is currently utilized by the various critical applications for the cryptographic operations.</p>
7.	<p><b>Annexure 12 – Project Details and Scope of Work</b>  Additional Clause</p>	<p><b>Annexure 12 – Project Details and Scope of Work</b>  Additional Clause  <b>As per existing architecture, the keys of PTL and VTL must be migrated and continued to be managed in a single HSM solution proposed by bidder.</b></p>

## Addendum 2

### Proof of Concept

- The certification of compatibility needs to be obtained by new Bidder from respective OEMs of existing VTL(Dell Data Domain DD9300 and PTL(IBM TS4500 with IBM SKLM) and same must be submitted to Bank.
- Bidder has to perform POC for Backup and restoration (from current and old backups) of the data from the below existing devices in Bank's backup infrastructure along with failover testing of the external key managers. The facilitation & charges if any, of the POC setup must be owned by the Bidder.
  1. Data Domain (DD9300)
  2. IBM TS4500

Bank may conduct the Proof of concept (POC), at the cost of the bidder, during technical evaluation in an extensive manner at specified locations of the Bank, to verify that the selected model conforms to all technical specifications mentioned in the RFP

Bank may reserve the right to change the technical specification or Scope of Work based on POC.

**Note :-** In the RFP document footer, please read as “RFP For Selection of service provider for Supply, Implementation and Maintenance of External Key Management Solution in DC & DR with 5 years warranty” in place of “RFP for Selection of Service Provider for Supply of Cisco Hardware with 5 Years warranty”.

All other Terms & Conditions are same as per our RFP Bid no. GEM/2024/B/5011652 dated 04.06.2024 and subsequent Addendum for Selection of service provider for Supply, Implementation and Maintenance of External Key Management Solution in DC & DR with 5 years warranty.