



State Bank of India
GITC CBD BELAPUR
Navi Mumbai -400614
Website: <https://www.sbi.co.in>

RFP NO. SBI/GITC/FI&GS/2023/2024/1011

DATED: 19.08.2023

Corrigendum 01

Please refer RFP for PROCUREMENT,INSTALLATION,COMMISSIONING AND MAINTAINENCE OF HARDWARE SECURITY MODULE (HSM THALES PAYSHIELD 10K) dated 03.07.2023, Bank's Response to Pre-Bid Queries are uploaded and can be accessed under Procurement News on the Bank's website <https://www.sbi.co.in> and Gem Portal <https://gem.gov.in>

Last date and time for submission of bids: 24.08.2023 up to 15:00 PM

Dy. General Manager
FIGS
State Bank Global IT Centre,
'A' Wing, Fifth Floor,
CBD Belapur, Navi Mumbai-400614

RFP PAGE NO	RFP Para No	Particular Title	Existing Clause	Revised Clause
3	Last date and time for Bid submission(6)	Schedule of Events	As per the Gem, RFP submission timeline is 16th August. However, as per the ATC document we notice submission is due on 24th August.	Submission date is 24 th August 15:00 PM as per Gem and ATC document.
4	Bank Guarantee(13)	Schedule of Events	Bank Guarantee 5% of the total project cost (TCO) Performance Security in form of BG should be valid for 5 year(s) and three months i.e. for 63 months from the effective date of the Contract. As per the GEM Bidding document "ePBG Percentage(%) 3% for 12 Months"	Bank Guarantee 5% of the total project cost (TCO) Performance Security in form of BG should be valid for 5 year(s) and three months i.e. for 63 months from the effective date of the Contract
35	INDEX	INTELLECTUAL PROPERTY RIGHTS AND OWNERSHIP(iii)	Subject to clause 42.iv and 42.v of this RFP, Service Provider, at its own expenses without any limitation, indemnify and keep fully and effectively indemnified the Bank against all costs, claims, damages, demands, expenses and liabilities of whatsoever nature arising out of or in connection with all claims of infringement of Intellectual Property Rights, including patent, trade mark, copyright, trade secrets or industrial design rights of any third party arising from the Services or use of software/Product under this RFP.	Subject to clause 41.iv and 41.v of this RFP, Service Provider, at its own expenses without any limitation, indemnify and keep fully and effectively indemnified the Bank against all costs, claims, damages, demands, expenses and liabilities of whatsoever nature arising out of or in connection with all claims of infringement of Intellectual Property Rights, including patent, trade mark, copyright, trade secrets or industrial design rights of any third party arising from the Services or use of software/Product under this RFP.

52	Eligibility Criteria (05)	(Bidder's Eligibility Criteria) Appendix-B	Bidder should have experience of minimum 5 years in providing HSM (Thales Payshield 10K) devices and support	Bidder should have experience of minimum 3 years in providing HSM (Thales Payshield 10K) devices and support
52	Eligibility Criteria (07)	(Bidder's Eligibility Criteria) Appendix-B	Certification Requirements	Clause dropped
53	Eligibility Criteria (13)	(Bidder's Eligibility Criteria) Appendix-B	Bidder should have supplied HSM (Thales Payshield 10K) in at least any one of the Govt. Organizations /PSU/Scheduled Commercial Banks in each of the last three years.	Bidder should have supplied HSM (Thales Payshield 10K) in at least any one of the Govt. Organizations /PSU/Scheduled Commercial /BFSI (Private)/ Banks in each of the last three years.
53	Eligibility Criteria (15)	(Bidder's Eligibility Criteria) Appendix-B	Bidder must have successfully completed in the last three years at least the following numbers of similar IT infrastructure HSM (Thales Payshield 10K) Implementation engagement(s) of value specified herein: <ul style="list-style-type: none"> • One project of similar nature not less than the amount Rs.10 Crore OR • Two projects of similar nature not less than the amount equal Rs.12 Crore OR • Three projects of similar nature not less than the amount equal Rs.15 Crores. 	Bidder must have successfully completed in the last three years at least the following numbers of similar IT infrastructure HSM (Thales Payshield 10K) Implementation engagement(s) of value specified herein: <ul style="list-style-type: none"> • One project of similar nature not less than the amount Rs.3 Crore OR • Two projects of similar nature not less than the amount equal Rs.4 Crore OR • Three projects of similar nature not less than the amount equal Rs.5 Crores.
54	Eligibility Criteria (18)	(Bidder's Eligibility Criteria) Appendix-B	The bidder should be engaged in supplying and providing maintenance services for HSM (Thales Payshield 10K) in India for at least 3 years	The bidder should be engaged in supplying and providing maintenance services for HSM in india for at least 3 years

56	High Availability	Technical & Functional Specifications Appendix C	HSM (Thales Payshield 10K) Should be able to support any of these operating system [based on current SBI Data Center], Linux, Solaris, AIX, if it is going to be later in VM based , □ Should support Virtual: VMware, Hyper-V etc	Clause dropped
56	Cryptographic Requirement(1)	Technical & Functional Specifications Appendix C	Keys always remain in FIPS-validated, tamper-evident hardware	Tamper resistance meeting requirements of PCI HSM 3.0.
56	Cryptographic Requirement(5)	Technical & Functional Specifications Appendix C	High-assurance delivery with secure transport mode	Clause dropped
56	Cryptographic Requirement(6)	Technical & Functional Specifications Appendix C	Securely backup and duplicate keys in hardware with Thales10k Backup HSM with Data Protection on Demand for redundancy, reliability and disaster recovery	Clause dropped
57	Cryptographic Requirement(7)	Technical & Functional Specifications Appendix C	Flexible partition policies to meet your key management and compliance needs	Clause dropped
57	Cryptographic Requirement(9)	Technical & Functional Specifications Appendix C	Automate enterprise systems to manage HSMs via REST API [Not Used now] but can need in Remote Administration for future	Clause dropped
57	Cryptographic Requirement(10)	Technical & Functional Specifications Appendix C	Symmetric: AES, AES-GCM, Triple DES, DES, ARIA, SEED, RC2, RC4, RC5, CAST, and more	Clause dropped
57	Cryptographic Requirement(11)	Technical & Functional Specifications Appendix C	Hash/Message Digest/HMAC: SHA-1, SHA-2, SHA-3, SM2, SM3, SM4 and more	Clause dropped

57	Cryptographic Requirement(12)	Technical Functional Specifications Appendix C	&	Random Number Generation: designed to comply with AIS 20/31 to DRG.4 using HW based true noise source alongside NIST 800-90A compliant CTR-DRBG	Clause dropped
57	Cryptographic Requirement(13)	Technical Functional Specifications Appendix C	&	FIPS 140-2 Level 3 – Password and Multi-Factor (PED)	Clause dropped
57	Cryptographic Requirement(20)	Technical Functional Specifications Appendix C	&	End to End Pin/Password Encryption	Clause dropped
58	Cryptographic Requirement(22)	Technical Functional Specifications Appendix C	&	HSM must be able to support HSM Stored keys (including Master, application and session keys)	Clause dropped
58	Cryptographic Requirement(23)	Technical Functional Specifications Appendix C	&	It should have Key Management for Dynamic (master/slave) and constant key DES.	Clause dropped
58	Cryptographic Requirement(26)	Technical Functional Specifications Appendix C	&	Support for minimum 500 Transaction (Signing) per Second @ RSA 2048 bits	HSM should be able to process upto250 Transactions (Signing) per Seconds@ RSA 2048 bits
58	Cryptographic Requirement(27)	Technical Functional Specifications Appendix C	&	HSM should be scalable to support more signatures per second i.e. usable in cluster mode via HSM library without the need for any external load balancer.	Clause dropped
58	Cryptographic Requirement(28)	Technical Functional Specifications Appendix C	&	The proposed HSM should also ensure that the existing application continue to work without any changes in the code.	Clause dropped

66	Operating System & Clustering Support(1)	Technical and Functional Specifications - Appendix-C	Support for the Linux , If Virtual Machine, Support for VMWare, Hyper-V should be there	Clause dropped
66	Operating System & Clustering Support(2)	Technical & Functional Specifications Appendix C	options: 4 Gigabit Ethernet ports with Port Bonding, or 2 x 10G fiber network connectivity and 2 x 1G with Port Bonding	Clause dropped
67	Detailed High Level Migration Plan (5,6,13,14,21,22)	Technical & Functional Specifications Appendix C	Host Stored Keys to be migrated.- 1 Week. HSM Stored Keys to be migrated.- 1 Week	Kindly provide Pre-requisite for key migration and accordingly timelines will be arrived by the Thales team.
69	Management and Monitoring(3)	Technical & Functional Specifications Appendix C	Monitoring via SNMP, Sys Log types	Clause dropped
71	Description of Services	Scope of Work and Payment Schedule Appendix E	The proposed HSM shall perform secured key/certificate storage and key/certificate lifecycle management keys stored by hardware, appliances, operating systems, Hypervisors, virtual machines, network devices, virtual networks, middleware, web servers, application servers, application software, utility software, system software and any other technologies.	Clause dropped
72	Description of services (L)	Scope of work and Payment Schedule Appendix-E-	Complete implementation, operations and management of the HSM for the Bank.	Bidder will be responsible for implementation and HSM support related issues. Infra related support will be provided by bank.

72	Description of Services(r)	Scope of work and Payment Schedule Appendix E	Detailed RCA with evidence for any issues faced should be provided in not more than 24 hours	Detailed RCA with evidence for any issues faced should be provided in not more than 48 hours
72	Description of services (t)	Scope of Work and Payment Appendix E	Necessary Hardware for the centralized configuration, monitoring and maintenance of different devices must be provided.	Kindly provide complete specifications of monitoring tools if available.
74	Integration/Migration Requirements with existing Systems 6(d)	Scope of work and Payment Schedule Appendix E	Integration with popular application security testing Tools for key/certificate management.	Details will be provided to successful bidder
74	Integration/Migration Requirements with existing Systems 6(e)	Scope of work and Payment Schedule Appendix E	Integration with popular IT Service Management for automation of service management of the HSM	Specific requirement related to Transition/migration from one platform to another platform for example: use of software/hardware pertaining to old platform to new platform without any additional cost to the Bank
4	EMD Submission	General Query	Towards the submission of EMD, Bank has requested for NEFT or BG. For Integration Banking partner is SBI and therefore a BG can not be issued. In this regard, our Bank has confirmed a letter of comfort can be provided for the equivalent amount. Request you to confirm the same. In such case please share the letter of comfort format	Funds transfer from SBI to SBI can be done.