



UNITED INDIA INSURANCE COMPANY LIMITED
Information Technology Department
Regd. & Head Office 24, Whites Road, Chennai - 600 014

Pre Bid Clarifications and Date Extension- Procurement of Hardware Security Module [HSM] for Digital Signing of Documents (HO: ITD: 2018-19:113)

Following clarifications are being issued to the above referred RFP. The bidders to note that this clarification shall form an integral part of the above referred RFP and resulting contracts.

| S No | Page # | Point / Section | Existing Clause | Query | Clarifications |
|------|--------|---|---|---|---|
| 1 | 5 | Point 10 of "Annexure II - Minimum Eligibility Criteria | The bidder/OEM should not have been blacklisted by any central / state Govt. department /University / PSU / BFSI etc. at the time of bidding. | Objective of this clause is to eliminate blacklisted bidder and OEM from participation in bid process. However, existing clause can be interpreted as either OEM or bidder can be from black list(A slash '/') is used in formal or informal text, it is meant to indicate the word 'OR'. In order to maintain full proof we would recommend to avoid using '/'. Please change it to "The bidder and OEM should not have been blacklisted by any central, state Govt. department, University, PSU, BFSI etc. at the time of bidding" | The bidder and OEM should not have been blacklisted by any central, state Govt. department, University, PSU, BFSI etc. at the time of bidding. |
| 2 | 6 | Point no 6 - 3.1. MINIMUM TECHNICAL SPECIFICATIONS | HSM is required to store all keys in its secure memory. | HSM prime function is to protect key. FIPS validate and certify crypto module and key protection of HSM (HSM should not be considered as a key storage device). This clause should be emphasize more on key security (not on key storage). We recommend to change it to "HSM is required to secure and store all keys within HSM FIPS boundaries." | HSM is required to store all keys in its secure memory. It is clarified referring clause 6.2.7 of "X.509 Certificate Policy For India PKI" dated 22 June 2018 released by Controller of Certifying authorities, Ministry of Communications and Information Technology that the cryptographic module may store private keys in any form as long as the keys are not accessible without authentication mechanism that is in compliance with |



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| | | | | | FIPS 140-2 rating of the cryptographic module. |
| 3 | 7 | Point no 15 - 3.1. MINIMUM TECHNICAL SPECIFICATIONS | Onboard key generation and storage of at least 1000 Keys within HSMsecure Memory for better security. | As mentioned in above point, HSM prime function is key protection. HSM should not be restricted to number of key it can secure and store. FIPS do not certify HSM based on number of key storage. HSM should secure and store as many key as required. We recommend to change this clause to " Onboard key generation and HSM should secure and store unlimited number of keys. " | Onboard key generation and storage of not less than 1000 Keys within HSM secure Memory for better security. It is clarified referring clause 6.2.7 of "X.509 Certificate Policy For India PKI" dated 22 June 2018 released by Controller of Certifying authorities, Ministry of Communications and Information Technology that the cryptographic module may store private keys in any form as long as the keys are not accessible without authentication mechanism that is in compliance with FIPS 140-2 rating of the cryptographic module. |
| 4 | 7 | Point no 16 - 3.1. MINIMUM TECHNICAL SPECIFICATIONS | 24/7 Tel/Email support infrastructure based out of India | Change requested '24/7 Tel/Email support to be provided'. | 24/7 (Indian timings) Tel/Email support infrastructure from OEM. |



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| 5 | 12 | Annexure V - Manufacturer Authorisation Format | ii. Following such termination, furnishing at no cost to UIIC, the blueprints, design documents, operations manuals, standards and specifications of the Products, if requested. | Request to kindly remove this point as sharing Intellectual property (like blueprints, design documents) post termination is not feasible under any circumstances as this is an Intellectual property of the OEM. | Following such termination, furnishing at no cost to UIIC, the blueprints, design documents, operations manuals, standards and specifications of the Products w.r.t this project is to be shared, if requested. |
| 6 | 13 | Annexure V - Manufacturer Authorisation Format | We also undertake that in case the bidder is not able to implement the solution to the satisfaction of the Company as per the functional and technical specification of the bid, then we will be responsible to implement and maintain the solution (related to our product) till the time specified in this bid at no extra cost to the company. | Pl. share more details about what is the Scope of work on the project expectations and what will be the satisfaction criteria to be met by the bidder for implementing the solution. Also, by what timeline is this satisfaction criteria to be completed by the bidder. | As per the scope/timelines defined in the RFP. |
| 7 | 27 | HSM RFP - 1 Section 4.3 Delivery and Installation | The delivery and installation of the HSM with Class 3 Company type DigitalSignature in UIIC prescribed locations (DC) should be completed within 6 weeks and 4 weeks respectively from the date of purchase order(s). (Inclusive | Request the point to be modified as ' The delivery and installation of the HSM with Class 3 Company type DigitalSignature in UIIC prescribed locations (DC) should be completed within 8 weeks and 6 weeks respectively from the date of purchase order(s). (Inclusive of purchase order date).' | No change - as per RFP |



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| | | | of purchase order date). | | |
| 8 | 7 | Point no 20 - 3.1. MINIMUM TECHNICAL SPECIFICATIONS | The bidder should confirm that the proposed hardware solution is capable of integration with UIIC Document Management Solution (OmniDocs provided by NewGen), application OS: Sun Solaris Ver. 10, middle-tier: Weblogic10.3.6.0.8 | HSM works on standards like PKCS#11, JCA/JCE, MSCAPI etc and can be integrated with any application that support these standard. Query - We need more detail on OmniDocs .. 1 - which protocol (PKCS#11, JCA/JCE etc) is supported by OmniDocs? 2- UIIC has existing OmniDocs implementation, please confirm if IOmni Docs is already performing PDF signing? If yes, which key store is being used (PFX, MS, java)? | 1) Omnidocs is using https (SSL). 2) Omni Docs is not performing PDF signing now |

The last date of submission of bids is hereby extended to 03/08/2018, 11.30 am.