



NOTICE INVITING QUOTATION (NIQ)

Ref: LIC/CO/IT-SD/PORTAL/2022-23/ISC

23.10.2023

LIFE INSURANCE CORPORATION OF INDIA constituted under the provisions Life Insurance Corporation of India Act, 1956 having its Central Office at “YOGAKSHEMA”, JEEVAN BIMA MARG, MUMBAI – 400021.

Invites urgent Quotations by email from Eligible Cert-in empanelled agencies for providing Specialist Information Security Consultant (onsite at Mumbai) to detect, suggest and recommend measures to prevent API Abuse through Unauthorized Mobile Apps and Recommendation on Mobile/API Security. API Abuse occurs when a malicious party uses an API in a way that was not intended by its original design, such as making excessive requests to a server to cause a denial-of-service attack or using an API to access sensitive information without proper authorization. Main issue is Data Scraping Through Legitimate API Requests.

Last date for submission (due date) of the Quotation (by email): 31.10.2023

Pre proposal discussion date: - 26-10-2023 time:-11:00am Place: -Online

Pre proposal discussion Link: -

<https://licindia.webex.com/licindia/j.php?MTID=mcd250e047f13d2db160e00a6e6dd5f83>

Meeting Password: - 2610

Two documents to be submitted with titles as mentioned.

The Commercial Proposal only to be password protected PDF.

Proposal Submission (Email with the following two attachments).

1.	Technical Proposal	Title: Technical_Proposal_InformatonSecurity_Consultant_<FirmName> Digitally Signed PDF as per the Format .
----	---------------------------	--

2.	Commercial Proposal (Password Protected PDF)	<p>Title: Commercial_Proposal_InformationSecurity_Consultant_<FirmName> Digitally signed and Password Protected PDF.</p> <p>Commercial Proposal Password NOT to be submitted along with the proposals. Same will be asked only from the Shortlisted proposal at a later date.</p>
----	---	--

II. Eligibility: Cert-In empanelled Firm with readily available **Specialist Information Security Consultant (onsite at Mumbai)** - 5 days onboarding (onsite deployment) .

III. Mode of Selection: Lowest Cost technically qualified proposal.

IV. Technical Scoring and Shortlisting Criteria.

Sl.	Technical Criteria	Scoring Criteria	Max Score	Bidders Response
1	Valid Cert-In Empanelment as on Date of Submission of Proposal.	Mandatory	NA	Cert-In Empanelment Validity date: Enclose the Empanelment Letter .
2	Place of Work of the Proposed Specialist Information Security Consultant is Onsite at LIC Mumbai with 5 Working days onboarding.	Mandatory	NA	Consultant Availability for Onboarding for onsite assignment within 5 Days Current Place of Work of the Consultant City:

Sl.	Technical Criteria	Scoring Criteria	Max Score	Bidders Response
				Availability Date for Onsite Deployment:
3	<p>Minimum 5 Years of Relevant Experience of the Proposed Consultant for the desired scope of work.</p> <p>Consultant must possess necessary experience, expertise and ability to undertake and fulfill the obligations, involved in the performance of the scope of work and required deliverables.</p>	2 Mark for every completed year of relevant experience over 5 years	10	Minimum 5 Years of Relevant Experience.
4	Relevant Assignments of the proposed Consultant for the desired scope of work	4 Marks for each relevant assignment	20	Minimum 1 Relevant Assignment Mandatory
5	Experience on Tools like Android Mobile App Emulator, APKTool, network packet analyzer ,runtime mobile exploration and other relevant tools , APK analysis on Android Emulator Environment.	Expertise with the required tools for the scope of work	20	Minimum 10 Marks.
6	<p>Understanding Scope of Work.</p> <p>Technical Approach and Methodology for the mentioned Scope of Work</p> <p>Analysis of upto 5 Mobile Apps for API Abuse.</p>	Technical Submission	30	Minimum 15 Marks

Sl.	Technical Criteria	Scoring Criteria	Max Score	Bidders Response
7	<p>Time Estimates for 5 Mobile Apps - Explore and report how unauthorised mobile apps abuse LIC APIs .</p> <p>Reverse engineer mobile apps identified by LIC to detect LIC APIs abuse.</p> <p>Unzip , Unminifies and Inspect the urls, apis being misused. Network Packets inspections.</p> <p>Find LIC APIs call fetches in such mobile app codes. Suggestions and recommendation on the remedial measures.</p>	<p>Upto 4 Calendar Weeks - 10 Marks</p> <p>>4 and Upto 6 Calendar Weeks - 6 Marks</p> <p>> 6 and Upto 8 Calendar Weeks - 4 Marks</p>	10	
8	Cybersecurity certifications - Mobile Application Security related	10 Marks For relevant certification.	10 Marks	

V. Shortlisting will be done for top 5 Profiles based on the technical score. Only such 5 profiles will be eligible for the Commercial Evaluation. Each firm can submit only 1 most suitable profile of consultant.

VI. Scope of Work /Requirements/Deliverables.

- a. Explore and report how unauthorised mobile apps abuse LIC APIs for data extraction .
- b. Review the chain of exploits.
- c. Reverse engineer mobile apps (initial scope is for upto 5 Mobile Apps) identified by LIC to detect LIC APIs abuse. Unzip , Unminifies and Inspect the urls, apis being misused. Find LIC APIs call fetches in such mobile app codes. Note: Any paid subscription required will be reimbursed on actual basis by LIC.

- a. Setup Android emulators environment (ex Genymotion) at LIC. Perform Network Packets Intercepts (ex Wireshark) to locate issues and abuse .
- b. Assessment of the LIC's APIs on the OWASP API Top Ten .
- c. Suggest measures for API Defence. Recommendation on Mobile App Security platform with Runtime Application Self Protection (RASP) capabilities and Extended Detection and Response (XDR) features. Recommend and assist LIC to evaluate such solutions .
- d. Suggest measures to Prevent API reverse engineering
- e. Suggest measures to make it difficult to construct a valid API Call by unauthorized Mobile Apps.
- f. Suggest measures to deal with situations where users readily give up their use credential to unauthorized apps.
- g. Prevent reengineering of the LIC Mobile Application .
- h. How to prevent and protect the LIC APIs for such abuse.
- i. Recommendations must be specific to the LIC's environment and avoid generic and speculative recommendations
- j. Other associated information security related activities as may be required .
- k. Tools/laptops/licenses if any , to be provided by the firm. LIC may as per availability provide a setup(Redhat/ubuntu OS environment) to the consultant to facilitate the activity.
- l. Consultant will have to setup and configure all the tools required for the assignment. Such tools license /subscription also to be arranged by the selected firm at no additional cost to LIC.
- m. LIC may at its discretion allow some activity to be performed off site at the firms site and environment if deemed fit for the work.
- n. Other Mobile and App forensic relevant for the scope of work and desired objective.
- o. The firm represents that the proposal to be submitted in response to this NIQ shall meet the requirements . If any services, functions or responsibilities not specifically described in this NIQ are an inherent, necessary or customary part of the deliverables or services and are required for proper performance or provision of the deliverables or services in accordance with this NIQ, they shall be deemed to be included within the scope of the deliverables or services, as if such services, functions or responsibilities were specifically required and described in this NIQ and shall be provided by the bidder at no additional cost to LIC .

VII. LIC reserve the right to hire services of the selected consultant for additional Information/Cyber Security related assignments as per its discretion over a period of 12 months.

VIII. Least-Cost Selection (LCS): The bids will be evaluated on L1(lowest) Quote Basis from the eligible technical proposals . In case of multiple bids with the same L1 quote the earliest submitted email based on received time stamp will be the bid with L1 Quote.

IX. Email id for submission of Quote in PDF Password Protected :

co_ittenders@licindia.com and
cc to: co_itportal@licindia.com

Password for the commercial proposal of the technically eligible firms only will be requested at a later date. In case the quotation could not be opened due to password issue or non-receipt of password, the same will not be considered.

X. Late Quotations: Quotations received after the due date for any reason whatsoever, shall not be entertained. Life Insurance Corporation of India shall not be responsible for any email delay or non-receipt/ non-delivery of the emails. No further correspondence on the subject will be entertained.

XI. Life Insurance Corporation of India reserves the right to modify and amend any of the above-stipulated condition/criterion depending upon priorities vis-à-vis urgent commitments.

XII. Quotation must include the Name, email id and Mobile Number of the Authorised Contact person, PAN and GST Number of the Firm, CERT-IN Empanelment Valid Certificate.

XIII. Definition, Terms and Conditions

Definitions:

1.	BIDDER/PROVIDER/FIRM:	An eligible firm i.e. firm fulfilling eligibility criteria and submitting a proposal in response to this NIQ, in its individual right.
----	-----------------------	--

2.	BID:	The Bidder's written submissions in response to the NIQ.
3.	L1 quote:	Lowest price discovered through Commercial Evaluation among the eligible bidders.
4.	L1 Bidder:	Bidder whose quote is L1 Quote
5.	Man Month / Man Day:	Man Month means working days of LIC in a calendar month. Man Day means 9 hours in any of the working day. If the actual work duration is within a month then the rate will be calculated as per the following formula. Actual Rate Calculation per Man Day = (Rate per Man Month / No. of Working Days during the Man Month) * Actual No. of Working Days in the month. Actual Rate Calculation per Man Hour = (Rate per Man Day / 9 hours) * Actual No. of Working Hours in a day.

1. Only Organizations/firms empanelled with CERT-in are eligible for submitting the Quotation provided a consultant can be deployed onsite at LIC by the firm within 5 working days. Cert IN Registration must be valid as on date of submission of the Quotation.
2. The agencies are advised to study the Scope of assignment carefully.
3. The payment will be made only after successful completion of the assignment and acceptance of the submissions/deliverables by LIC authorised Officials.
4. No claim for interest in case of delayed payment will be entertained by LIC.
5. LIC reserves the sole right to accept or reject response or all quotations or getting the assignment done from any other agency and to annul this process without assigning any reason thereof.
6. LIC reserves the right to place requests for additional requirements within a period of 12 months on mutually agreed terms with the firm.
7. Selected firm will be required to submit a NDA (Non Disclosure Agreement as per LIC Format.
8. **PRIVACY AND SECURITY SAFEGUARDS, TRADEMARKS, PUBLICITY**
 - a. The bidders need to ensure to treat information passed on to them under the agreement with the bidder as classified. Such Information will not be communicated / published / advertised by the

bidder to any person/organization without the express permission of LIC.

- a. Neither Party may use the trademarks of the other Party without the prior written consent of the other Party. Except as required by law or the rules and regulations of each stock exchange upon which the securities of one of the Parties is listed, neither Party shall publish or permit to be published either alone or in conjunction with any other person any press release, information, article, photograph, illustration or any other material of whatever kind relating to this Agreement or the business of the Parties without prior reference to and approval in writing from the other Party, such approval not to be unreasonably withheld or delayed provided however that the bidder may include the LIC on its client lists for reference to third parties subject to the prior written consent of the LIC. Such approval shall apply to each specific case and relate only to that case.
- b. Protection and Security of Personal Data:

Where the bidder is processing Personal Data, for LIC, the bidder shall:

- i. Process the Personal Data only as per instructions from the LIC (which may be specific instructions or instructions of a general nature) as set out in this Agreement or as otherwise notified by LIC;
- ii. Comply with all applicable laws;
- iii. Process the Personal Data only to the extent, and in such manner as is necessary for the discharge of the bidder's obligations under this Agreement or as is required by Law or any Regulatory Body;
- iv. Implement appropriate technical and organizational measures to protect Personal Data against unauthorized or unlawful Processing and accidental loss, destruction, damage, alteration, or disclosure. These measures shall be appropriate to the harm which might result from any unauthorized or unlawful Processing, accidental loss, destruction, or damage to the Personal Data and having regard to the nature of the Personal Data which is to be protected;
- v. Take reasonable steps to ensure the reliability of its staff and agents who may have access to the Personal Data;
- vi. Not cause or permit the Personal Data to be transferred, stored, accessed, viewed, or processed outside of India without the prior written consent of.
- vii. Ensure that none of the staff and agents publishes or disclose any personal data to any third parties unless directed in writing to do so by LIC. Not disclose Personal Data to any third parties in any circumstances other than with the written consent of LIC or compliance with a legal obligation imposed upon LIC.

1. The contract shall be governed by and construed in accordance with the laws of India, without giving effect to conflict of law rules. Each party irrevocably and unconditionally submits to the non-exclusive jurisdiction specified in an item of the RFP/Contract details and hence any legal dispute will come under the jurisdiction of Mumbai High Court Only.
2. LIC may terminate the NIQ process at any time without assigning any reasons whatsoever. LIC makes no commitments, express or implied, that this process will result in a business transaction with anyone. This NIQ document does not constitute an offer by LIC. The bidder's response to this NIQ may result into selection of bidder(s) after completion of selection process as detailed in this NIQ document. LIC reserves the right to accept or reject any proposal, and to annul the NIQ process and reject all proposals at any time, without assigning any reasons for the same, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for its action. LIC may cancel any procurement under this RFP at any time without assigning any reasons whatsoever. The decision of LIC will be final in this matter.
3. If LIC finds that deployed consultant have(i) committed serious misconduct or (ii) have reasonable cause to be dissatisfied with the performance of the Personnel, then the Provider shall, at the LIC's written request specifying the grounds thereof, provide as a replacement a person with qualifications and experience acceptable to the LIC. Failure of the provider to provide a suitable replacement within 5 days will be sufficient ground for the termination of the assignment without any cost to LIC.
4. Termination: If non-performance or diminished performance by the Consultant continues for a period of more than 7 consecutive calendar days, LIC may terminate the Contract immediately by giving the service provider written notice. LIC may, at any time, by a prior written notice of 7 days, terminate the contract and / or reduce the scope of the Services. If the contract is terminated, LIC is liable only for payments in respect of acceptable services rendered before the effective date of termination. If the scope of the Services is reduced, LIC's liability to pay the Service Charges or to provide LIC Material abates in accordance with the reduction in the Services.
5. Settlement of Disputes, Arbitration: Any dispute and differences of any kind whatsoever arising out of or in connection with the contract or the carrying out of work (whether during the progress of the work or after its completion and whether before or after determination, abandonment or breach of contract) shall be attempted initially for resolution thru mutual discussion. In case of failure, the Arbitration shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act 1996 or any statutory modifications or Amendment to it from time to time.



NOTICE INVITING QUOTATION (NIQ)
Ref: LIC/CO/IT-SD/PORTAL/2022-23/ISC
23.10.2023

1. LIC reserves the right to verify any or all of the statements made by the Bidder in the Bid document and to inspect the Bidder's facility, if necessary, to establish to its satisfaction about the Bidder's capacity/capabilities to perform the job.

Secretary (IT-SD)