

Tender Enquiry
for
Security Audit along with vulnerabilities
fixation of
“Sample Tracking System” and “Inventory Module”
Web Based Application

Tender Enquiry No. D.12-31/2016-NIB

Last date for Submission of Tender	: 06.04.2017, 3.00 PM
Tender Opening date	: 07.04.2017, 3.30 PM



National Institute of Biologicals

(Ministry of Health & Family Welfare, Govt. of India)

A-32, Sector-62, NOIDA – 201 309 (UP)

E-mail: info@nib.gov.in, Ph.: 0120-2400022

No. D.12-31/2016-NIB

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A-32, Sector-62, NOIDA – 201 309 (UP)

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Sub.: Tender for conducting the Onsite Security Audit along with vulnerabilities fixation of Sample Tracking System and Inventory Module web based applications from CERT-in empanelled agencies.

NIB invites sealed limited tenders for Security Audit along with vulnerabilities fixation of “Sample Tracking system” and “Inventory Module” web based application from CERT-in empanelled agencies. Both the web based applications are located at <http://nib.gov.in>. The tender document can be down loaded free of cost from NIB Website and Central Public Procurement Portal (CPPP) from 17.03.2017 to 06.04.2017.

The tender should reach to this office by **06.04.2017** at **3.00 PM** by post or personally drop in the tender box placed in **Reception, Administrative Block, National Institute of Biologicals, A-32, Sector-62, NOIDA** which will be opened on **07.04.2017** at **03.30 PM** at NIB, Noida.

The detail terms & conditions as **Annexure-I** and scope of work as **Annexure-II** are attached with this tender document.

The tendering firm shall have to attach all the relevant documents with the tender application, failing which tender will be rejected. In case the date of opening of tender is declared holiday, tender shall be opened in next working day, but tender box will be sealed on schedule date and time.

TERMS & CONDITIONS

1. The web based applications will be hosted at NIC server after Security audit, so the security audit certificate should be in compliance with the NIC standards.
2. The vendor has to provide the separate Audit Certificate and Security Assessment Report on completion of Security Audit of "Sample Tracking System" and "Inventory Module" web based application.
3. The envelope shall be prominently marked on top with "**Tender for Security Audit along with vulnerabilities fixation of "Sample Tracking System" and "Inventory Module" Web Based Application**". The envelope should be properly sealed.
4. Bid Security in the form of Demand Draft / Banker Cheque for **Rs.10,000/-** (Rupees ten thousand only) in favour of "National Institute of Biologicals", payable at Noida / New Delhi, may also be submitted along with tender. Bid Security of unsuccessful bidders will be return immediately after award of work. Bid Security of successful bidder will be refunded after satisfactory completion of the assigned work.
5. The tender should reach this office by **06.04.2017 at 3.00 PM**.
6. The offer should be valid for 120 days from the date of opening of bid.
7. Only those organizations/firms registered with the CERT-in-empanelled are eligible for submitting the tender.
8. Incomplete or conditional tender will not be entertained.
9. No tender will be accepted by hand and tender received after closing date and time, will not be entertained.
10. The first round of security audit report should be submitted to NIB within 10 working days after the work order issued by NIB and consecutive round report if any should be submitted within 5 working days.
11. If there is any delay after given time period, a Liquidate Damage (LD) @ 2% of total cost of work per week or part thereof subject to maximum 10% of the total wok value will be deducted from the bill.
12. The tenderer can remain present himself /herself or his/her authorized representative at the time of opening the tender.
13. All the firms/organization participating in the Tender must submit a list of their owners/partners etc. along with their contact numbers and a Certificate to the effect that the firm/organization is neither blacklisted by any Govt. Department nor any Criminal Case is registered against the firm or its owner or partners anywhere in India be attached with this tender. Any firm/organization blacklisted by a Govt./Semi Govt. Deptt. shall not be considered for this tender and tender will be rejected straightway.
14. NIB reserves the right to accept or reject any or all the quotations without assigning any reason thereof.
15. The payment will be made only after submitting the Web Application Audit Certificate and Security Assessment Report on completion of Security Audit of both the web based applications. No advance payment will be made. Payment will be released after deduction of TDS and other statutory dues as applicable within 30 days after receipt of bill.
16. No claim for interest in case of delayed payment will be entertained by the Division.
17. A copy of terms & conditions attached as **Annexure-I** and Scope of work attached as **Annexure-II** duly signed by the tenderer, as a token of acceptance of the same should be attached along-with the tender.
18. All disputes are subject to the jurisdiction of the Courts in the Delhi / Noida.
19. If the firm/organization wants to know about the size, i.e. of the web application before submitting the tender, they can contact to Computer Officer, IT Cell, NIB, Noida, on all working days between 10.00 AM to 5.00 PM.

NOTE:

(A) DOCUMENTS REQUIRED TO BE ATTACHED WITH BID IN THE FOLLOWING ORDER :-

1. Certificate of incorporation / Registration
2. Sale Tax/VAT Registration Certificate along with Tin No
3. Service Tax Registration Certificate along with No. and Copy of PAN
4. Copy of terms and conditions duly signed with seal of the firm/organization, in token of acceptance of terms and conditions.
6. Certificate to the effect that the firm/organization is neither blacklisted by any Govt. Department nor any Criminal Case is registered against the firm or its owner or partners anywhere in India.
7. All Other supporting documents as required in the tender shall be attached.
8. Self-attested copy of the work order received from any Govt. organisation / Department for similar work in justification of quoted rates.
9. List of clients, Govt. as well as reputed private organisations.

B. COMMERCIAL BID should be in the format given at Annexure-III and it should contain price only and no other conditions shall be entertained

SIGNATURE WITH SEAL OF TENDERER _____

Date: _____

Scope of Work

Primary objective of the onsite security audit exercise is to identify major vulnerabilities of the (i) Sample Tracking System and (ii) Inventory Module web based application from internal and external threats. Once the threats are identified and reported, the auditors should also suggest possible remedies and fixed the same. The exercise should also undertake a review of the Information security policy document and suggest additions and deletions in the light of the implementation of web based application.

A. Technical details of the Sample Tracking System:-

S.No.	Description	Version and counts
1	Web Application name & URL	http://sample.nib.gov.in/nib/sample-tracking/doWelcome.action
2	Operating System details	LINUX
3	Application Server with version	Jboss 4.2.0 Server
4	Front-end Tool (Server side scripts)	JSP
5	Back-end-database	PostgreSQL 8.3
6	Authorised no. of roles & types of privileges for different roles	10
7	Whether the application contains any content management system	No
8	Total number of Input forms (approx..)	230
9	Total number of Input fields (approx..)	1530
10	Number of login modules	01
11	Number of web services, if any	-
12	Number of methods in all web services	-

Technical details of the Inventory Module:-

S.No.	Description	Version and counts
1	Web Application name & URL	http://inventory.nib.gov.in/nibinventory/inventory/doWelcome.action
2	Operating System details	LINUX
3	Application Server with version	Jboss 4.2.0 Server
4	Front-end Tool (Server side scripts)	JSP
5	Back-end-database	PostgreSQL 8.3
6	Authorised no. of roles & types of privileges for different roles	11
7	Whether the application contains any content management system	No
8	Total number of Input forms (approx..)	300
9	Total number of Input fields (approx..)	1800
10	Number of login modules	01
11	Number of web services, if any	-
12	Number of methods in all web services	-

To ensure that the web based applications are free from the above vulnerabilities, the audit exercise will need to undertake the following activities:

1. Identify the security vulnerabilities, which may be discovered during the security audit including cross-site scripting, Broken links /Weak session management, Buffer Overflows, Forceful browsing, Form/ hidden field manipulation, Command injection, Insecure use of cryptography, Cookie posing, SQL injection, Server miss-configuration, Well known platform vulnerabilities, Errors triggering sensitive information, leak etc.
2. Application Security Assessment (manually and with multiple automated tools).
3. Validation and deliverables (POC, Screenshots, attack vector, attack details in reporting template).
4. Closing meeting
5. Identification and prioritization of various risks to the Sample Tracking System and Inventory Module web based application;
6. Identify remedial solutions and recommendations for making the web application secure & safe.
7. Undertake user profiling and suggest specific access methodologies and privileges for each category of the users identified.

The auditors will have to carry out an assessment of the vulnerabilities, threats and risks that exist in applications through Internet Vulnerability Assessment and Penetration Testing. This will include identifying remedial solutions and recommendations for implementations of the same to mitigate all identified risks, with the objective of enhancing the security of the system. The bidder will also be expected to propose a risk mitigation strategy as well as give specific recommendations to tackle the residual risks emerging out of identified vulnerabilities assessment. Both the applications should be audited as per the CERT-IN Standards. The auditor is expected to submit the Web Application Audit Certificate and Security Assessment Report after the audit and fixation of vulnerabilities and confirmed with retest.

The Audit Firm/company has to submit a summary compliance report at the end of the assessment phase and the final Report will certify that both the applications i.e., Sample Tracking System and Inventory Module are developed in compliance with the NIC standards.

Deliverables and Audit Reports

The successful bidder will be required to submit the following documents in printed format after the Security Audit:

- (i) A detailed report with security status and discovered vulnerabilities weakness and mis-configurations with associated risk levels and recommended actions for risk mitigations.
- (ii) Summary and detailed reports on security risk, vulnerabilities and audit with the necessary counter measures and recommended corrective actions undertaken thereon by the auditors.

- (iii) **The Final Security Audit Certificate for the Sample Tracking System and Inventory Module web bases application should be in compliance with the NIC standards.**
- (iv) All deliverables shall be in English language and in A4 size format.
- (v) The vendor will be required to submit the deliverables as per terms and conditions of this document.

SIGNATURE WITH SEAL OF TENDERER _____

Date: _____

COMMERCIAL BID (On Company Letter Head)

Date: _____

Subject:- **Tender for conducting the Onsite Security Audit along with vulnerabilities fixation of Sample Tracking System and Inventory Module web based applications from CERT-IN empanelled agencies.**

Tender Ref. No. : D.12-31/2016-NIB

S.No.	Description	Price (Rs.)
1.	Security Audit along with vulnerabilities fixation of Sample Tracking System web based application	
2.	Security Audit along with vulnerabilities fixation of Inventory Module web based application	
3.	Service Tax @	
4.	Total (Rs.)	
Rupees in words:		

- Quoted rates should be valid for 120 days from the date of opening of the bid.
- If taxes (rate and amount) are not quoted in above, it will be treated as inclusive of taxes.

SIGNATURE WITH SEAL OF TENDERER _____

NAME IN BLOCK LETTERS: _____

Date: _____

Company Name with Full Address: _____
