No. D.12-21/2015-NIB 26.02.2018

Subject:- Tender for conducting the Security Audit of Haemo-vigil and Donor-vigil web based applications from CERT-In.org.in empanelled agencies.

The National Institute of Biologicals (NIB) is an Autonomous body under the Ministry of Health & Family Welfare, Govt. of India. Limited sealed tenders for Security Audit of Haemo-vigil and Donor-vigil web based applications are invited from agencies empanelled by CERT-In.org.in.

The tender document can be down loaded from NIB website (http://nib.gov.in) and Central Public Procurement Portal (CPPP) from 26.02.2018 to 12.03.2018. The offer should reach to this office by **12.03.2018** 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 **12.03.2018 at 03.30 PM** at NIB, Noida.

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 on next working day, but tender box will be sealed on schedule date and time. Bidders should read the tender document carefully and comply strictly with the terms & conditions before submitting their bids.

(Dr. Reba Chhabra)
i/c Dy. Director (Admn.)

Annexure-I

TERMS & CONDITIONS

1. The Haemo-vigil and Donor-vigil web based applications will be hosted at NIC Cloud Server after Security Audit, so the security audit certificate should be in compliance with the NIC standards.
2. The envelope shall be prominently marked on top with "**Tender for Security Audit of Haemo-vigil and Donor-vigil web based applications**". The envelope should be properly sealed.
3. The offer should reach this Institute on or before ---------- at 3.00 PM.
4. Bid Security in the form of Demand Draft/Banker Cheque for **Rs. 3,000/-** 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. No interest on bid security will be paid by the Institute.
5. The offer should be valid for 120 days from the date of Opening of Bid.
6. Only those organizations/firms registered with the CERT-IN.org.in empanelled are eligible for submitting the offer.
7. Incomplete or conditional offer will not be entertained.
8. No tender will be accepted by hand and tender received after closing date and time, will not be entertained.
9. **The Security Audit Assessment Reports and Audit Certificates of both the web based applications should be submitted separately to the Institute within 15 days after the work order issued by NIB.**
10. If there is any delay after given time period, a Liquidate Damage (LD) @ 1% of total cost of work per week or part thereof will be deducted from the bill.
11. The tenderer can remain present himself /herself or his/her authorized representative at the time of opening the offer.
12. 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.
13. NIB reserves the right to accept or reject any or all the quotations without assigning any reason thereof.
14. **The payment will be made only after submitting the Security Audit Certificate, Security Assessment Report on completion of Security Audit and receipt of clearance note from Cyber Security Division (CSD), National Informatics Centre (NIC) to declare safe for hosting. No advance payment will be made.**
15. **The payment will be released within 30 days after deduction of TDS and other statutory dues as applicable after receipt of clearance note from CSD, NIC.**
16. No claim for interest in case of delayed payment will be entertained by the Institute.
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.

NOTE:

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

1. Certificate of incorporation / Registration
2. Goods & Service Tax Registration Certificate along with No. and Copy of PAN.
3. 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: _____

Annexure-II

Scope of Work for the Security Audit

Primary objective of the Security Audit exercise is to identify major vulnerabilities of the Haemo-vigil and Donor-vigil web based applications from internal and external threats. Once the threats are identified and reported, the auditors should also suggest possible remedies. 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 the Haemo-vigil and Donor-vigil web based applications.

A.Technical details of Haemo-Vigil:-

S.No.	Description	Version and counts
1.	Web Application Name & URL	http://haemovigil.nib.gov.in/haemovigil/hvpi/doWelcome.action
2.	Operating System Detail	Linux
3.	Web Application Server	Tomcat (Version 6) Server
4.	Front-end-Tool (Server side scripts)	JAVA
5.	Back-end-Database	Postgresql Server
6.	No. of Roles	04
7.	Whether the application contains any CMS	N.A.
8.	Total No. of Input Forms	120
9.	Total No. of Input Fields	1800
10.	Total No. of Static Pages	40
11.	Total No. of Dynamic Pages	160
12.	No. of login modules	01

B.Technical details of Donor-Vigil:-

S.No.	Description	Version and counts
1.	Web Application Name & URL	http://haemovigil.nib.gov.in/donorvigil/donor/doWelcome.action
2.	Operating System Detail	Linux
3.	Web Application Server	Tomcat (Version 6) Server
4.	Front-end-Tool (Server side scripts)	JAVA
5.	Back-end-Database	Postgresql Server
6.	No. of Roles	02
7.	Whether the application contains any CMS	N.A.
8.	Total No. of Input Forms	60
9.	Total No. of Input Fields	800
10.	Total No. of Static Pages	15
11.	Total No. of Dynamic Pages	80
12.	No. of login modules	01

To ensure that the web based applications are free from the 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, Cross-Site Request Forgery, Security Misconfiguration, Insecure Cryptographic storage, Failure to restrict URL access, Insufficient Transport

Layer Protection, un-validated Redirects and Forwards, Form/ hidden field manipulation, Cookie posing, 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 website
6. Identify remedial solutions and recommendations for making the website secure & safe.

The auditors will have to carry out an assessment of the vulnerabilities, threats and risks that exist in the Haemo-vigil and Donor-vigil web based 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 site. 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. The web based applications of the Institute should be audited as per the CERT-IN.org.in Standards. The auditor is expected to submit the Web Application Audit Certificate and Security Assessment Report after the remedies / recommendations are implemented 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 the Haemo-vigil and Donor-vigil web based applications 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 to be undertaken by firm.

(iii) **The Final Security Audit Certificate for the Haemo-vigil and Donor-vigil web based applications 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: _____

Annexure-III

COMMERCIAL BID (On Company Letter Head)

Date:_____

Subject:- Offer for conducting the Security Audit of Haemo-vigil and Donor-vigil web based applications from CERT-IN.org.in empanelled agencies.

Tender Enquiry No.: D.12-21/2015-NIB

S.No.	Description	Price (Rs.)
1.	Security Audit of Haemo-vigil web based application	
2.	Security Audit of Donor-vigil web based application	
3.	Good & Service Tax @ %	
	Total (Rs.)	
Rupees in words:		

1. Price inclusive of all taxes & duties other than GST.
2. The quoted prices are valid for **120 days** from the date of Opening of the Bid.
3. GST …..% (percentage) and amount not specified in Price-Bid will be treated as inclusive and value of work will be calculated on reverse calculation basis.
4. The rate (%) and amount of GST applicable should be mentioned very clearly and any vague terms, i.e., applicable as per rule etc., will not be entertained and it will be treated as inclusive.
5. Institute reserve the right to split the order as per the lowest rate (L-1) of respective work or award the entire work to single bidder.

SIGNATURE WITH SEAL OF TENDERER _____

NAME IN BLOCK LETTERS: _____

Date:_____

Company Name with Full Address: _____

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