Inviting Quotations from Cert-In empanelled agencies for conducting Security Audit of the Web Portals of NIELIT

Tender Ref. No: 60(16)2013-NIELIT-HQ   **Dated: 17.10.2017**

National Institute of Electronics & Information Technology (NIELIT)
(Under Ministry of Electronics & Information Technology,
Government of India)
NIELIT Bhawan, Plot No. 3, PSP Pocket, Sector-8, Dwarka, New Delhi-110077

SCHEDULE OF EVENTS AND DETAILS OF THE BIDDER

Nature of the Project	Inviting Quotations from Cert-In empanelled agencies through e-Tender for Security Audit of the Web Portals of NIELIT
No. of covers	a) Technical Bid b) Financial Bid
Cost of Tender Fee	NIL
Approx. cost of work	Rs. 75,000/-
Earnest Money Deposit(EMD)	Rs. 3000/-(Rupees Three Thousand Only) through RTGS/NEFT. Bank details- Bank of India SB A/c. no. 604820100000012; IFSC Code-BKID0006048 (On or before bid submission closing date and time as mentioned in the tender document).
Details of contact Person for clarifications/queries	Shri Rajendra Prasad Rai Programmer Mobile – 9599384706 Email: rajendra@nielit.gov.in
Date & Time of Publishing of e-Tender	**17-October-2017 01:00 PM**
Last Date & Time for Submission of Bid	**07-November-2017 01:00 PM**
Date & Time for Opening of Technical Bid	**08-November-2017 11:00 AM**
Date & Time for opening of Financial Bid	Will be communicated later to the technically qualified bidder
Validity of Bid	**180 days**
Details of the Bidder (To be filled by the Bidder)	
Name of the Bidding Company/ Firm:	
Contact Person: Authorized Bid Signatory:	
Correspondence Address:	
Mobile No Telephone Fax	
Website	
Official E-mail Address	

A. LETTER OF INVITATION

Subject:- Tender for conducting the Security Audit of the Web Portals of NIELIT from CERT-in empanelled agencies.

NIELIT is inviting quotations from Cert-In Empanelled Agencies for Security audit of two web applications. The said application needs to obtain the "safe-to-host" certificate from Cert-In empanelled agencies before hosting the same on NIC Data Centre/Ernet Data Centre. The applications for which the security audit needs to be conducted are –

1) PMGDISHA Auth Web Application, which has been developed in PHP/Javascript with backend as MySQL and SQL Server (test hosting server http://202.141.141.155/nielit/apifirstcall.obj)

2) IAS Web Application – http://ias.nielit.in – It has been developed in .Net with backend as MSSQL Server.

Details Scope of Work for both the above applications is placed as **Annexure-I**.

Bidders are advised to study the document carefully. The bids must be submitted on or before the closing date and time of bid submission. The sealed quotation is to be submitted at the following address –

Rajendra Prasad Rai, Programmer
National Institute of Electronics & Information Technology (NIELIT)
Electronics Niketan, 6, CGO Complex, Lodhi Road
New Delhi – 110003

Enquiries, if any, shall be addressed to:

Sh. Rajendra Prasad Rai, Programmer
Ph No: +91 9599384706   Email: rajendra@nielit.gov.in

Tender document with other details is also available on NIELIT Website i.e. www.nielit.gov.in

B. TERMS & CONDITIONS

1. Only those Organizations/firms that are currently empanelled with the CERT-in are eligible for submitting the bid.
2. Bidder must possess and submit a valid Permanent Account Number (PAN) and Service Tax Registration Certificate.
3. Incomplete or conditional bids will not be entertained.
4. No bid will be accepted after closing date and time.
5. Any firm/organization debarred by a Govt./Semi Govt. Deptt./Autonomous body shall not be considered for this tender and the bid will be rejected straightway.
6. The web application will be hosted at NIC Data Centre/Ernet Data Centre after Security audit, so the security audit certificate must be in compliance with the NIC/Cert-In standards.

7. The bidder or his/her authorized representative may remain present at the time of opening the bids. Only authorized representative will be allowed to attend the meeting of the Tender Committee.
8. The price bids of those firms will be opened who fulfil the terms and conditions of this bid and qualify in the technical bid evaluations.
9. **Rectification of Errors**: Bidders are advised to exercise utmost care in entering the pricing figures. No requests regarding correction of mistakes in the financial bids will be entertained after the bids are submitted. If any interlineations, erasures, alterations, fluid-marking, additions or overwriting are found, the bid shall be rejected summarily. Arithmetical errors in bids will be considered as follows :
    a) Where there is a discrepancy between the amount in figures and in words, the amount in words shall govern.
    b) Notwithstanding the above, the decision of the Evaluation Committee shall be final and binding.
10. The payment will be made only after submitting the final security audit certificate on completion of Audit of website.
11. No claim for interest in case of delayed payment will be entertained by the NIELIT.
    The Tender Evaluation Committee reserves the right to relax any terms and condition in the Govt. interest, with the approval of competent authority.
12. All disputes are subject to the jurisdiction of the Courts in the N.C.T. of Delhi.

C. DOCUMENTS REQUIRED TO BE SUBMITTED WITH THE TECHNICAL BID: The envelope containing Technical BID shall be prominently marked on top with "TECHNICAL BID FOR CONDUCTING SECURITY AUDIT OF the Web Portals of NIELIT". The envelope should be properly sealed. Following documents must be attached in the Technical Bid:

1. GST Registration Certificate along with GST Number.
2. Copy of valid empanelment authorization with CERT-in.
3. Copy of this tender document duly signed with seal of the firm/organization, in token of acceptance of terms and conditions.
4. All the firms participating in the Tender must submit a list of their owners/partners etc. along with their contact numbers
5. *Certificate to the effect that the firm is neither blacklisted/debarred by any Govt. Department/Autonomous Body/PSU* anywhere in India strictly as per **Annexure-II**.
6. Representative Authorization Letter as per **Annexure-III**.
7. All Other supporting documents as required in the tender shall be attached.

D. Financial Bid should be in the format given at *Annexure-IV* and it should contain price only and NO other document shall be enclosed. The envelope containing Financial Bid shall be prominently marked on top with **"FINANCIAL BID FOR CONDUCTING SECURITY AUDIT OF THE WEB PORTALS OF NIELIT"**. The envelope should be properly sealed.

Both, the Technical Bid and Financial Bid envelopes should be placed in the main envelope marked "TENDER DOCUMENT FOR CONDUCTING SECURITY AUDIT OF THE WEB PORTALS OF NIELIT".

E. **Bid Evaluation Criteria**

The price bids of only those firms will be opened who fulfill the terms and conditions of this document. L1 will be identified on the basis of Total Amount (Column E) as in **Annexure-IV** (Financial Bid) of the technically qualified bidders.

F. **Schedule for completion of the work**

The first round of security audit report must be submitted to NIELIT within 15 working days after the work order issued by NIELIT and consecutive round report if any, must be submitted within 10 working days.

G. **Disputes and Arbitration**

In the event of any dispute arises out of the contract with regard to the interpretation, meaning and breach of the terms of the contract, the matter shall be referred (as per the Arbitration and Conciliation Act, 1996 of Government of India or any statutory modifications or re-enactment thereof) to the sole arbitrator to be appointed by the Secretary, Ministry of Electronics & Information Technology, Government of India. The award of the arbitrator shall be final and binding on both the parties. The Delhi courts shall have jurisdiction for any disputes and the venue for arbitration shall be Delhi. Fee payable to the Arbitrator has to be shared equally by the parties.

H. **Penalty Clause/ Liquidated Damages:**

(1). If any of the stages specified, either not completed or not completed satisfactorily as per the approved time schedule, forming part of the contract agreement due to reasons solely and entirely attributable to the agency and not in any way attributable to the delay on the part of NIELIT, a penalty @ 2.5% of the bid value, per week (subjected to maximum 10%) may be imposed.

(2). If the delay exceeds for the penalty of more than the maximum penalty of 10%, then the contract shall be terminated with immediate effect and no clarification/justification will be entertained by NIELIT in this regard. Further, if the delay adversely affects the quality of the contents, the Performance Bank Guarantee will be forfeited and other legal action would be initiated as per terms and conditions of contract. NIELIT may rescind this part of the contract and shall be free to get it done from any other agency at the risk and cost of the agency.

I. **Forfeiture of EMD:**

The EMD will be forfeited under the condition:

a. If the bidder withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of the tender.

b. If the bidder withdraws the bid before the expiry of the validity period of 180 days of the bid or within the time frame of extension given by NIELIT in special case communicated before the expiry of the bid.

c. If the bidder fails to comply with any of the provisions of the terms and conditions of the bid document.

J. **Return of EMD:**

a. The earnest money of all the unsuccessful bidders will be returned as early as possible after the expiration of the period of the bid validity but not later than 30 days of the issue of the purchase order. No interest will be paid by NIELIT on the Earnest Money Deposit.

b. The Earnest Money of successful bidder shall be returned after the submission of Performance Bank Guarantee of the amount equivalent to 10% of the total price of the work order.

Annexure-I

A). Project Name: CSC-NIELIT API

1). Brief Introduction:
Services and API of this project will facilitate PMGDISHA portal to connect to NIELIT environment for conducting online assessment.

2). Staging URL: http://202.141.141.155/nielit/apifirstcall.obj

S. No.	Information About the Application	Version and Count
1.	Database	MySQL(10.1.24-MariaDB)
2.	Development platform for application	Java 8
3.	How many application roles/privilege levels of users?	three
4.	Does the application provide a file download feature (Yes / No)?	No
5.	Does the application use Client-side certificate (Yes / No)?	No
6.	Is there a CMS (Content Management System) present to maintain the public portal/login module?	No
7.	Tentative Testing environment (Development / Staging / Production Box)?	Staging
8.	Does the application has SMS integration (Yes/No)?	No
9.	Does the application has E-Mail integration (Yes/No)?	No
10.	Does the application has Payment Gateway integration (Yes/No)?	No
11.	Does the application provide a file upload feature (Yes / No)?	No
1	JspPages	19
2	Servlets (we use controllers)	7 request mapping controllers
3	JS files	15js,3css
	Total Pages *(Scenario wise)*	5

Note: This is an independent url for system integration purpose and individual user authentications are not required at this layer. The application is still under development; therefore the actual number of pages may slightly differ while placing the work order.

B). Project Name: IAS Web Application

1) Staging URL : http://ias.nielit.in

2) Project Details (As per the table given below):

Details of Exam Module (http://ias.nielit.in/doeacc-exam/)		
S. No.	**Information About the Application**	**Version and Count**
1.	Database	Doeacc_exam,Doeacc,Doeacc_accr,Nielit
2.	Development platform for application	Dot net Technology (C#, Vb)
3.	How many application roles/privilege levels of users?	16
4.	Does the application provide a file download feature (Yes / No)?	Yes
5.	Does the application use Client-side certificate (Yes / No)?	No
6.	Is there a CMS (Content Management System) present to maintain the public portal/login module?	No
7.	Tentative Testing environment (Development / Staging / Production Box)?	No
8.	Does the application has SMS integration (Yes/No)?	No
9.	Does the application has E-Mail integration (Yes/No)?	No
10.	Does the application has Payment Gateway integration (Yes/No)?	No
11.	Does the application provide a file upload feature (Yes / No)?	Yes
1	Aspx Pages	382
2	HTML Pages	0
3	Other Files	36
	Total Pages	418

Details of Practical Module (http://ias.nielit.in/doeacc-prac /)

S. No.	Information About the Application	Version and Count
1.	Database	Doeac_exam,Doeacc,Doeacc_accr
2.	Development platform for application	Dot net Technology (C#, Vb)
3.	How many application roles/privilege levels of users?	16
4.	Does the application provide a file download feature (Yes / No)?	Yes
5.	Does the application use Client-side certificate (Yes / No)?	No
6.	Is there a CMS (Content Management System) present to maintain the public portal/login module?	No
7.	Tentative Testing environment (Development / Staging / Production Box)?	No
8.	Does the application has SMS integration (Yes/No)?	No
9.	Does the application has E-Mail integration (Yes/No)?	No
10.	Does the application has Payment Gateway integration (Yes/No)?	No
11.	Does the application provide a file upload feature (Yes / No)?	Yes
1	Aspx Pages	100
2	HTML Pages	0
3	Other Files	27
	Total Pages	127

Details of Practical Module (http://ias.nielit.in/doeacc-accr/)

S. No.	Information About the Application	Version and Count
1.	Database	Doeac_exam,Doeacc,Doeacc_accr
2.	Development platform for application	Dot net Technology (C#, Vb)
3.	How many application roles/privilege levels of users?	9

4.	Does the application provide a file download feature (Yes / No)?	Yes
5.	Does the application use Client-side certificate (Yes / No)?	No
6.	Is there a CMS (Content Management System) present to maintain the public portal/login module?	No
7.	Tentative Testing environment (Development / Staging / Production Box)?	No
8.	Does the application has SMS integration (Yes/No)?	No
9.	Does the application has E-Mail integration (Yes/No)?	No
10.	Does the application has Payment Gateway integration (Yes/No)?	No
11.	Does the application provide a file upload feature (Yes / No)?	Yes
1	Aspx Pages	222
2	HTML Pages	0
3	Other Files	26
	Total Pages	248

Details of Practical Module
(http://ias.nielit.in/nielit_exam_material/)

S. No.	Information About the Application	Version and Count
1.	Database	Nielit_Exam_Material, doeacc_exam (Sql Server 2008 version 10.5 r2)
2.	Development platform for application	Dot net framework 4.0(C#)
3.	How many application roles/privilege levels of users?	2
4.	Does the application provide a file download feature (Yes / No)?	Yes
5.	Does the application use Client-side certificate (Yes / No)?	No
6.	Is there a CMS (Content Management System) present to maintain the public portal/login module?	No
7.	Tentative Testing environment (Development / Staging / Production Box)?	No

8.	Does the application has SMS integration (Yes/No)?	No
10.	Does the application has E-Mail integration (Yes/No)?	No
11.	Does the application has Payment Gateway integration (Yes/No)?	No
12.	Does the application provide a file upload feature (Yes / No)?	Yes
1	Aspx Pages	56
2	HTML Pages	0
3	Other Files	0
	Total Pages	56

C). To ensure that the web based application is free from vulnerabilities, the audit exercise will need to undertake the following activities:

1. Identify the security vulnerabilities, which may be discovered during website 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. Identification and prioritization of various risks to the NIELIT online web application.
3. Identify remedial solutions and recommendations for making the web application secure.
4. Undertake user profiling and suggest specific access methodologies and privileges for each category of the users identified.
5. The auditors will have to carry out an assessment of the vulnerabilities, threats and risks that exist in the web application 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.
6. The application shall have to be audited as per the CERT-in Standards. The auditor shall submit the final audit report after the remedies/recommendations are implemented and confirmed with retest.
7. 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 NIELIT web application is in compliance with the CERT-in and NIC standards.

D). Deliverables and Audit Reports

The successful bidder will be required to submit the following documents in printed format (2 copies each) after the audit of above mentioned two web application:

(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 NIELIT.

(iii) The final security audit certificate for the application which should be in compliance   with the NIC and Cert-in 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.

Annexure II
SELF-DECLARATION – NON DEBARMENT
(On Non-Judicial Stamp Paper of ₹100/- duly attested by the Notary Public)

To

The Director General

National Institute of Electronics and Information Technology (NIELIT),

NIELIT Bhawan,

Plot No. 3, PSP Pocket, Sector-8,

Dwarka, New Delhi-110077

Sir,

In response to the RFP No. _____ Dated _____. for "**Conducting Security Audit of the Web Portals of NIELIT"**, I/ We hereby declare that presently our Company/ firm _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ and our owner/partners are having unblemished record and are not declared ineligible for corrupt & fraudulent practices in similar services either indefinitely or for a particular period of time by any State/ Central Government/ PSU/Autonomous Body during last three years preceding the date of submission of bid.

We further declare that presently our Company/ firm _____ and our owner/partners are not debarred and not declared ineligible for any other reasons in similar services by any State/ Central Government/ PSU/ Autonomous Body during last three years preceding the date of submission of bid.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Thanking you,

Yours faithfully,

Signature of Authorized Signatory: -
Name of Authorized Signatory:-
Seal of the Organization: -

Date:

Place:

<u>**Annexure III**</u>
<u>**REPRESENTATIVE AUTHORIZATION LETTER**</u>

Date : _____

Ref : _____

To

      The Director General

      National Institute of Electronics and Information Technology (NIELIT),

      NIELIT Bhawan,

      Plot No. 3, PSP Pocket, Sector-8,

      Dwarka, New Delhi-110077

Dear Sir,

Ms. /Mr. _____ is hereby authorized to sign relevant documents on behalf of the agency for the RFP for **"Conducting Security Audit of the Web Portals of NIELIT".** She/He is also authorized to attend meetings & submit technical & financial information as may be required by you in the course of processing above said tender.

Thanking you,

Signature of Authorized Signatory: -
Name of Authorized Signatory:-
Seal of the Organization: -

Date:
Place:

FINANCIAL BID (On Company Letter Head)

Name of the Bidder   : _____

Address for Correspondence: _____

I/we hereby submit the financial bid for **conducting Security Audit of the Web Portals of NIELIT** as per the Scope of work given in this tender document within the time specified and in accordance with the terms and conditions of the RFP.

Consolidated financial proposal for "C**onducting Security Audit Security Audit of the Web Portals of NIELIT"** is as follows:

Sr. No. (A)	Description (B)	Cost (in Rs.) (C)	Tax (in Rs.) (D)	Total Cost (in Rs.) (E) = (C) + (D)
1.	Security Audit of Security Audit of the Web Portals of NIELIT and final security audit certificate in compliance with the CERT-in and NIC standards			

Total Cost in Words: _____

I undertake that:

   (a)   Tendered rates are at par with the prevailing market rates and not more than the price usually charged for service of same nature/class or description from any private purchaser either foreign or as well as Government purchaser.

   (b)   It is certified that the information furnished is correct.

   (c)   We have gone through the tender document and we hereby confirm to abide by the terms and conditions stipulated therein. The tender document duly signed is forwarded in this regard.

Notes:

1. The rate should not be provided as a percentage figure but in absolute Indian Rupees.
2. The rates quoted must be reasonable. The rate quoted will be valid till the completion of the project. The period of validity of rates can be extended with mutual agreement.
3. No condition will be entertained and conditional bid will be rejected.
4. L1 will be identified on the basis of Total Amount (Column E) of the technically qualified bidders.

Signature of Authorized Signatory: -
Name of Authorized Signatory:-
Seal of the Organization: -

Date:
Place: