



**NATIONAL INSTITUTE OF ELECTRONICS AND INFORMATION  
TECHNOLOGY (NIELIT)**

6, CGO Complex, Lodhi Road  
New Delhi- 110 003 , INDIA

[www.nielit.gov.in](http://www.nielit.gov.in)

**Inviting Quotations from  
only CERT-In empanelled agencies for  
Conducting Security Audit of ESDM Portal's Web applications of NIELIT**

Ref No: 1-SECURITY AUDIT/1201/2016/NIELIT.HQ Dated: 09 March, 2017

<b>Place for opening of the bid</b>	Conference Room <b>National Institute of Electronics and Information Technology (NIELIT),</b> Electronics Niketan, 6, CGO Complex, Lodhi Road, New Delhi - 110 003, India
<b>Last Date &amp; Time of Submission of Bid</b>	17 <sup>th</sup> March, 2017, 1500 Hrs.
<b>Date &amp; Time of Opening of Bid</b>	17 <sup>th</sup> March, 2017, 1600 Hrs.

<b>Name of the Bidding Company/ Firm:</b>	
<b>Contact Person (Authorized Bid Signatory):</b>	
<b>Correspondence Address:</b>	
<b>Mobile No: Telephone: Fax:</b>	
<b>Website</b>	
<b>Official E-mail Address</b>	

**Subject:- Tender for conducting the Security Audit of applications of ESDM Web Portal of NIELIT from CERT-in empanelled agencies.**

NIELIT is inviting quotations from CERT-In Empanelled Agencies for Security audit of application of ESDM Portal (<https://esdm-skill.deity.gov.in>). The application need to obtain the “safe-to-host” certificate from CERT-In empanelled agencies before hosting the same on NIC Data Centre/ERNET Data Centre.

Bidders are advised to study the document carefully. The Cost estimates may please be provided in the **sealed envelope** and should reach by post to the below mentioned address latest by 17<sup>th</sup> March, 2017, before 1500 Hrs.

The Agencies are requested to submit the **proposal for conducting Security Audit of the ESDM Web application.**

The **sealed quotation** is to be raised in the name of following –

**Additional Director (P&A)**  
**National Institute of Electronics & Information Technology (NIELIT)**  
**Electronics Niketan, 6, CGO Complex,**  
**New Delhi – 110003**

*Tender document with other details is also available on NIELIT Website i.e. [www.nielit.gov.in](http://www.nielit.gov.in)*

**Terms & Conditions**

1. The ESDM web application will be hosted at NIC Data Centre/Ernet Data Centre after Security audit, so the security audit certificate should be in compliance with the NIC/Cert-In standards.
2. The envelope containing Technical BID shall be prominently marked on top with "**TECHNICAL BID FOR CONDUCTING SECURITY AUDIT OF ESDM WEB PORTAL**". The envelope should be properly sealed.
3. The envelope containing Commercial Bid shall be prominently marked on top with "**COMMERCIAL BID FOR CONDUCTING SECURITY AUDIT OF ESDM WEB PORTAL**". The envelope should be properly sealed.
4. Both, the Technical Bid and Commercial Bid envelopes should be placed in the main envelope marked "**TENDER DOCUMENT FOR CONDUCTING SECURITY AUDIT OF ESDM WEB PORTAL**".
5. The tenders should reach this office by 17<sup>th</sup> March, 2017, before 1500 Hrs.
6. The price bids of those firms will be opened who fulfil the terms and conditions of this bid.
7. **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.
8. Only those Organizations/firms who are currently empanelled with the CERT-in are eligible for submitting the tender.
9. Incomplete or conditional bids will not be entertained.
10. No bid will be accepted after closing date and time.
11. The first round of security audit report should be submitted to NIELIT within 15 days after the work order issued by NIELIT and consecutive round report if any, should be submitted within 7 days of submission of rectification report by NIELIT.
12. The bidder may present himself /herself, or his/her authorized representative, at the time of opening the tender. Only authorized representative will be allowed to attend the meeting of the Tender Committee. In case, no representative is intended to be deputed to participate in bidding process, the bidder organisation must submit NO OBJECTION Letter for opening of their bids in absence of their representative.
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 registered against the firm or its owner or partners anywhere in India. Any firm/organization blacklisted by a Govt./Semi Govt. Deptt. shall not be considered for this tender and tender will be rejected straightway.

14. The payment will be made only after submitting the final security audit certificate on completion of Audit of website.
15. No claim for interest in case of delayed payment will be entertained by NIELIT.
16. A copy of these terms & conditions and Scope of work (as given at Annexure-II) duly signed & stamped by the bidder should be attached, as a token of acceptance of the same along-with the tender.
17. In case of any doubt on any of the clauses in the terms and conditions and scope of work (as given in Annexure-II), the decision of the Director General of NIELIT shall be final and binding to all.
18. The Tender Evaluation Committee reserves the right to relax any terms and condition in the Govt. interest, with the approval of competent authority.
19. All disputes are subject to the jurisdiction of the Courts in the N.C.T. of Delhi.

**NOTE:**

**(A) TECHNICAL BID**

Following documents are required to be enclosed in Technical Bid:

1. Sale Tax/VAT Registration Certificate along with TIN No.
2. Copy of authorization with current CERT-in empanelment.
3. Copy of terms and conditions 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 along with their contact numbers.
5. ***A Certificate to the effect that the firm is neither blacklisted by any Govt. Department nor any Criminal Case is registered against the firm or its owner or partners anywhere in India, must be enclosed.***
6. All Other supporting documents as required in the tender shall be attached

**(B) COMMERCIAL BID** in the format given at **Annexure-III** and it should contain price only and no other documents shall be enclosed. The commercial Bid should be sealed in a separate envelop and prominently marked on top with "**COMMERCIAL BID FOR CONDUCTING SECURITY AUDIT OF ESDM WEB PORTAL**"

SIGNATURE WITH SEAL OF TENDERER

NAME IN BLOCK LETTERS: \_\_\_\_\_

Company Name with Full Address: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### Scope of Work

Primary objective of the security audit exercise is to identify major vulnerabilities in the web application from internal and external threats. Once the threats are identified and reported the auditors should also suggest possible remedies. Technical Details of the applications are as follows:

#### ESDM Web Portal

ESDM Portal has been developed to enable Easy Monitoring of various activities under ESDM Scheme . Currently, the following Modules have been implemented in ESDM:

- (i) Admin
- (ii) PMU-NIELIT
- (iii) Key Implementing Agency
- (iv) State Implementing Agency
- (v) Training Partner
- (vi) Student
- (vii) Employer

Staging Server URL:- <http://45.114.50.56/NIELIT>

S. No.	Information About the Application	Version and Count
1	Database	SQL Server2012 Express Edition
2	Development platform for application	Visual Studio 2010, .NET Framework 4.0
3	How many application roles/privilege levels of users?	7
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)?	Staging
8	Does the application have SMS integration (Yes/No)?	No
9	Does the application have E-Mail integration (Yes/No)?	Yes
10	Does the application have Payment Gateway integration (Yes/No)?	No
11	Does the application provide a file upload feature (Yes / No)?	Yes
<b>Detail of total number of pages(Static/Dynamic) - Count - Folder Wise</b>		
1	Dynamic	164
2	Static	14
3	Any Other pages	NIL
	<b>Total Pages</b>	<b>178</b>

*Note : Number of dynamic/Static pages may increase by 5% at the time of Security Audit.*

To ensure that the web based application is free from the 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 mis-configuration, Well known platform vulnerabilities, Errors triggering sensitive information, leak etc.
2. Identification and prioritization of various risks to the ESDM online web application;
3. Identify remedial solutions and recommendations for making the ESDM 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 all 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 ESDM web application should be audited as per the CERT-in Standards. The auditor is expected to submit the final audit report along with the final Security Audit clearance certificate 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 ESDM web application is in compliance with the NIC standards

### **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 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 ESDM online application and 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.

**COMMERCIAL BID**  
(On Company Letter Head)

“The Agencies are requested to submit the ***proposal for the ESDM Web application.***”

Name of the Bidder : \_\_\_\_\_

Address for Correspondence: \_\_\_\_\_

I/we hereby submit the commercial bid for conducting Security Audit of ESDM web Portal application as per the Scope of work given in this tender document within the time specified and in accordance with the terms and conditions.

The bidders are required to quote the rates in the following format.

S.No	Description	Cost (Consolidated price for security audit of ESDM Web application (In Rs.)	Taxes (if any)	Total Cost (Rs.)
(i)	(ii)	(iii)	(iv)	(v)
1	ESDM Web Portal			

**Amount in words:** Rupees.....only.

1. L1 shall be evaluated on Total Cost at Column (v).
2. The rate should not be provided as a percentage figure but in absolute Indian Rupees.
3. The rate quoted must be reasonable and valid for the period of contract from the date of opening of financial bid.

Name of the Bidder: -

Authorized Signatory: -

Seal of the Organization: -

Date:

Place: