



LSGD (URBAN) Department

Swaraj Bhavan

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Inviting Quotations from CERT-In empanelled agencies for Conducting Security Audit of Web applications of AUEGS

Ref No:I/53790/2023

12-08-2023

Last Date & Time of Submission of Bid	21/08/2023 03.30 PM
Date & Time of Opening of Bid	21/08/2023 04.00 PM

Subject:- Tender for conducting the Security Audit of web applications of AUEGS from CERT-in empaneled agencies.

AUEGS is inviting quotations from CERT-In Empanelled Agencies for Security audit of below mentioned two applications. These applications need to obtain the “safe-to-host” certificates from CERT-In empanelled agencies before hosting the same on State Data Centre. The applications are –

1. AUEGS MIS (<https://auegsmis.kerala.gov.in>)
2. AUEGS SECURE (<https://auegssecure.kerala.gov.in>)

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 21/08/2023 3.30 PM.**

The Agencies are requested to submit the **combined proposal for all the 02(Two applications) and only one financial quotation is to be submitted for all the applications.**

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

Office of the Director of LSGD (Urban)
Swaraj Bhavan,
Nanthancode
Thiruvananthapuram

ANNEXURE-I

1. The web applications will be hosted at State Data Centre after Security audit, so the security audit certificate should be in compliance with the Cert-In standards.
2. The envelope shall be prominently marked on top with "COMMERCIAL BID FOR CONDUCTING THE SECURITY AUDIT OF WEB APPLICATIONS OF AUEGS". The envelope should be properly sealed.
3. The tenders should reach this office by 21/08/2023 3.30 PM.
4. The price bids of those firms will be opened who fulfil the terms and conditions.
5. Since, few applications are still under development; therefore the actual number of pages may increase/decrease by 5% while placing the work order.
6. Only those Organizations/firms registered with the CERT-in-empanelled are eligible for submitting the tender.
7. Incomplete or conditional tender will not be entertained.
8. No tender will be accepted after closing date and time.
9. The first round of security audit report should be submitted to AUEGS within 15 days after the work order issued by AUEGS and consecutive round report if any, should be submitted within 7 working days.
10. The tenderer may remain 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.
11. 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 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.
12. The payment will be made only after submitting the final security audit certificate on completion of Audit of website.
13. No claim for interest in case of delayed payment will be entertained by the Institute.
14. A copy of terms & conditions and Scope of work attached as duly signed by the tenderer, as a token of acceptance of the same should be attached along-with the tender.
15. The Tender Evaluation Committee reserves the right accept or reject tenders and to relax any terms and condition in the interest of the government, with the approval of competent authority.

NOTE:

(A) DOCUMENTS REQUIRED TO BE ATTACHED WITH 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 etc. and ***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.***
5. All Other supporting documents as required in the tender shall be attached

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

SIGNATURE WITH SEAL OF TENDERER

Annex 1 A-Details of CERT-In Empaneled agency

Name of the Bidding Company/ Firm: NAME IN BLOCK LETTERS: Company Name with Full Address:	
Contact Person (Authorized Bid Signatory):	
Correspondence Address:	
Mobile No:	
Telephone:	

Official E-mail Address	
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ANNEXURE-II

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:

1. AUEGS MIS

S. No.	Information About the Application	Version and Count
1.	A web-based Management Information System (MIS) that interconnects all the Urban Local Governments, Office of the Urban Directorate ICT network is established and operationalised. This will provide single point access to all stakeholders and capture all information, beginning with the registration of the workers. This will help in the effective implementation, monitoring and evaluation of the programme, and thus ensures transparency and credibility.	Version 1.0
	Technologies used : Java spring boot , postgresql ,hibernate	
Detail of total number of pages(Static/Dynamic) - Count		
	Java class files	193
	Html file	19
	Js file	15

2.AUEGS SECURE

S. No.	Information About the Application	Version and Count
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1.	AUEGS -SECURE is a workflow based system. In AUEGS – SECURE , the work name & work codes are received from AUEGS MIS to the concerned ULB AE/Overseer login after the approval of Labour budget. The AE/Overseer of the ULB creates the detailed estimate, includes drawings, location map and photograph of the works site before starting the work. As per the Government procedure adopted by the state, the above estimates are accorded AS/TS sanctions and subsequently AS/TS slips are generated from the system. SECURE soft generates Detailed Project Report (DPR) which includes AS/TS No, AS/TS date, total estimate amount, total material Cost & list of materials used in the estimate with quantity, total semiskilled, Skilled manpower cost, total unskilled wages, activity carried out in each work, No of man days(Unskilled manpower).	Version 1.2
	Technologies used : Core Java, postgresql	
Detail of total number of pages(Static/Dynamic) - Count		
	Java class files	549
	Jsp file	172
	Js file	103

Web Application Scoping Sheet for Security Assessment		
S.No.	Web Application Assessment Details	Description
1	Web Application Name & Description	AUEGS-MIS
2	Type of application Web/Application/ Mob/Rest / Thick / Thin instance to assesses & number of Application(s)	Web
3	How many login systems to assesses?	1
4	How many static pages to assesses? (Approximate)	1
5	How many dynamic pages to assesses? (Approximate)	10
6	Do you need want role-based testing performed against this application?	Yes
7	Do you need want credentialed scans of web applications performed?	Yes
8	Back-end Database(MS-SQL Server, PostgreSQL, Oracle, etc.)	Postgres SQL
9	Authorization No. of roles & types of privileges for the different roles	1. Data Entry Operator for add and edit data's, 2. Secretary for approve and

		verified datas, 3. State admin for view consolidated reports manage users and make changes in application settings
10	Whether the application contains any content management module (CMS) (If yes then which?) If its is Portal do mention please	No
11	Is it a hybrid application?	No
12	Whether the application was security audited earlier? If so, please mention details.	Audited by KSITM
13	Front-end Tool [Server side Scripts] (i.e. c++ , J2eee,ASP, Asp.NET, JSP, PHP, etc.) – PHP	Thymeleaf
14	Operating System Details(i.e.Windows-2003, Linux, AIX, Solaris, etc.)	Linux
15	Application Server with Version (i.e. IIS 5.0.Apache, Tomcat, etc.)	Tomcat
16	Total No. (Approximate) of Input Forms	8
17	Total No. of input field	70
18	Total No. of login modules	1
19	Does the application has or proposed to have any payment gateway integration? Please specify.	No
20	Number of Web Services, if any	3
21	Number of methods in all web services ?	POST,GET
22	Number of URL's require to assesses ?	
23	Is this REST /SOAP based Application	REST
24	Is it Thick or Thin Client Application	Thin
25	Is this Applications is ERP/ Enterprised based App	No
26	Is Application hosted in Cloud ? If yes which under cloud provider private & others (Govt SDC)	Govt of Kerala SDC
S.No.	Web Application Assessment Details	Description
1	Web Application Name & Description	AUEGS-MIS
2	Type of application Web/Application/ Mob/Rest / Thick / Thin instance to assesses & number of Application(s)	Web

To ensure that two 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 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 misconfiguration, well known platform vulnerabilities, Errors triggering sensitive information, leak etc.

2. Identification and prioritization of various risks to the AUEGS MIS ,AUEGS SECURE web applications;

3. Identify remedial solutions and recommendations for making the web applications

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 two 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. Two applications should be audited as per the CERT-in Standards. The auditor is expected to 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 two web applications are in compliance with the CERT-in 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 two web application:

(i) A detailed report with security status and discovered vulnerabilities weakness and misconfigurations 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 AUEGS.

(iii) All deliverables shall be in English language and in A4 size format.

(iv) The vendor will be required to submit the deliverables as per terms and conditions of this document.

ANNEXURE-III

COMMERCIAL BID (On Company Letter Head)

“The Agencies are requested to submit the *combined proposal for two web applications and only one financial quotation is to be submitted two applications.*”

Name of the Bidder : _____

Address for Correspondence: _____

I/we hereby submit the commercial bid for conducting Security Audit of web applications of AUEGS 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 two applications (In Rs.)	Taxes (if any)	Total Cost (Rs.)
(i)	(ii)	(iii)	(iv)	(v)
1	1)AUEGS_MIS AUEGS MIS (https://auegsmis.kerala.gov.in) 2)AUEGS SECURE (https://auegssecure.kerala.gov.in)			

Name of the Bidder: -

Authorized Signatory: -

Seal of the Organization: -

Place:

Date: