

No. F.18-60-FCA-PRO-MIS/Stat//For 21/32104
TRIPURA FOREST DEPARTMENT
SHORT NOTICE INVITING QUOTATIONS

Date...10/12/2021


a	Invite No.	NoF.18-60/FCA-Pro-MIS/Stat/For-21/32104 dt. 10/12/21
b	Last date and time of receipt of Quotations	21-12-2021
c	Date and Time for Opening of Quotations	22-12-2021 at 3.30pm at Tripura Forest Department , Forest Head Quarters , Aranya Bhavan (if possible)
d	Authority for receiving the Quotations	Dy. Conservator of Forests, IT and Statistics, Forest O/o The PCCF & HoFF (T), Forest Head Quarters, Aranya Bhavan, Gorkhabasti, Agartala- 799006
e	E-mail ID for receiving quotations	babun9832@gmail.com/ (copy to) icgis.tfd-tr@gov.in/gislab.tfd@gmail.com

SECURITY AUDIT FOR TWO WEB APPLICATIONS FCA MIS AND e-FOREST
LICENCE UNDER TRIPURA FOREST DEPARTMENT WEBSITE.

(IP address-164.100.127 104 & <https://eforestlicence.tripura.gov.in/>)

Tripura Forest Department (TFD) of the Govt. of Tripura, invites quotations from CERT-IN certified security auditors to send the proposal for security audit of the website of FCA MIS (Staging server IP address-164.100.127.104) and e-Forest licence (<https://eforestlicence.tripura.gov.in/>).

Please send your best quote for the security audit of these websites to us only by email to address in Table-1. Kindly send your quotations by speed post/registered post only with your complete postal address.


Dy. Conservator of Forests,
IT and Statistics,
Forest Head Quarters,
Aranya Bhavan, Gorkhabasti ,
Agartala - 799006

1. INSTRUCTIONS TO BIDDERS

- 1.1. The bidder must be currently an empaneled agency of CERT-In.
- 1.2. The bidder must have successfully completed minimum three (3) Security Audits in CPSUs / Govt. Organizations during last three years. Copy of work order and completion certificate shall be attached.
- 1.3. The bidder must have a support office with a help desk facility in their office.
- 1.4. The bidder should be duly registered with the relevant tax authorities such as GST, etc. and documentary evidence for such registration shall be furnished.
- 1.5. Bidders are requested to submit the necessary documentary evidence for the aforesaid information along with their bid.
- 1.6. At the time of opening of bids, the bidders may wish to be present, either by themselves or through their authorized representatives.
- 1.7. The bid shall be sent as an email (containing all required signed scanned documents in PDF format) with subject, "Bid for security audit of Web application of FCA MIS & e-forest License under Tripura Forest Department".
- 1.8. All pages of the bid being submitted must be signed with official seal and scanned to PDF.
- 1.9. Late Bid: Any delay, including postal delay, in the receipt of bid would be treated late submission of bid and shall be rejected. Bids handed over at the Reception Counter or any other counter or room or to any person, other than the authorized person of TFD, shall not be considered.
- 1.10. Language of Bids: The Bids prepared by the Bidder and documents relating to the bids exchanged by the Bidder and TFD, shall be written in the English language only.

2. BID PRICES

- 2.1. The prices shall be quoted in Indian Rupees only.
- 2.2. All taxes, duties, levies applicable etc. shall be clearly indicated.
- 2.3. Prices quoted must be firm and shall remain constant throughout the period of validity of bid and shall not be subject to any upward modifications, whatsoever.

3. BID EVALUATION

- 3.1. During Eligibility Criteria Evaluation, bidder's details shall be evaluated with reference to the required Eligibility Criteria as mentioned in this short notice inviting quotation document and subsequently the bids of only eligible bidders shall be considered for final evaluation.
- 3.2. The price bids shall be evaluated as under:
 - 3.2.1. If there is any discrepancy between words and figures, the amount in words will prevail.
 - 3.2.2. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and total price shall be corrected.
- 3.3. If the Bidder does not accept the correction of the errors as above, the bid shall be rejected.

- 3.4. The bidder whose evaluated price is found to be lowest (L-1), shall be considered for placement of Work Order for conducting Security Audit of FCA MIS website.

4. WORK PERIOD

The completion of the work shall not take more than **30(Thirty) days** from the date of issue of Work Order. Period which covers from commencement of initial audit of identified security vulnerabilities along with remedial solutions/recommendations, fixing those vulnerabilities in concerned departmental website of FCA MIS and eForest Licence, to the issuance of final security audit certificate by the auditing firm.

5. PAYMENT TERMS

- 5.1. The payment will be made only after submitting the Security Audit Certificate and Security Assessment Report on completion of Security Audit of the of FCA MIS & eForest Licence website .
- 5.2. No advance payment shall be made.
- 5.3. No claim on account of any price variation / escalation shall be entertained.
- 5.4. Payment will be released after deduction of TDS and other statutory dues as applicable after the receipt of bill after satisfactory completion of works.
- 5.5. No claim for interest in case of delayed payment will be entertained by the TFD.
- 5.6. All payments under shall be made to the account of the Agency.

6. TFD'S RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS

TFD reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds.

7. FORCE MAJEURE

“Force Majeure” means an event beyond the control of the Auditor and not involving the Auditor’s fault or negligence and not foreseeable. This type of event may include but not limited to fires, explosions, floods, earthquakes, strikes, wars or revolutions etc.

The work execution period may be extended in case of Force Majeure condition. In order to be able to obtain an extension to the contract work period, the Auditor shall promptly notify auditee advising the existence of such an event, not later than one week of such event happening and produce the necessary documents such as Certificate of Chamber of Commerce or any other competent authority indicating the scope of such an event, and its impact on the performance of the contract and establish that such an event is not attributable to any failures on its part.

8. LAWS GOVERNING CONTRACT

The contract shall be governed by the laws of India for time being in force.

9. JURISDICTION OF COURTS

The courts of Delhi shall alone have the jurisdiction to decide any dispute arising out of or in respect of the contract.

10. ARBITRATION:

In the event of any dispute arising out of this short notice inviting quotations or any agreement arising therefrom or any matter connected or concerned with the said agreement in any manner of its implementation or any terms and conditions of the said agreement, the matter shall be referred to PCCF & HoFF, TFD, who may himself act as sole arbitrator or may nominate an officer of TFD as sole arbitrator, notwithstanding the fact that such officer has been directly or indirectly associated with the agreement. The bidder/ auditor will not be entitled to raise any objection for the appointment of such officer of TFD as the sole arbitrator. The award of the arbitrator shall be final and binding subject to the provisions of the arbitration and conciliation Act, 1996 and rules made thereunder. The seat of arbitration shall be Agartala and the language of arbitration shall be in English only.

Check list of Documents to be submitted

- 11.1. Copy of a valid CERT-In empanelment certificate of the bidder
- 11.2. Copy of certificate of firm registration/incorporation
- 11.3. Properly filled and signed Annexure-II(Profile of Bidder)
- 11.4. Properly filled and signed Annexure -III(Price Bid)
- 11.5. Undertaking enclosed at Annexure-IV
- 11.6. Copy of entire short notice inviting quotation document signed with seal as a token of acceptance of all terms and conditions
- 11.7. Copy of work order and completion certificates of at least three (3) successfully completed Security Audits in CPSUs/ Govt. Organizations during last three years
- 11.8. Copy of PAN Card
- 11.9. Copy of GST Registration certificates

All documents have to signed by the authorized signatory on behalf of the bidder, scanned as PDF and attached in email.

Scope of the Work

1. The FCA MIS website of Tripura Forest Department is currently accessible at the IP address 164.100.127.104 and is hosted in a staging server in the State Data Centre of Tripura. Primary objective of the security audit exercise is to identify major vulnerabilities of the FCA MIS website of TFD from internal and external threats. Once the threats are identified and reported, the auditors should also suggest acceptable and possible remedies.
2. The e-Forest licence (<https://eforestlicence.tripura.gov.in>) is also hosted in the State Data Centre of Tripura for proper accessibility by the end users without any risk of different security measure which is the main objective of security audit.
3. The Auditor is expected to carry out an assessment of the vulnerabilities, threats and risks that exist in the above FCA MIS/eForest Licence website through Internet Vulnerability Assessment and Penetration Testing. This will include identifying remedial solutions and recommendations for implementation of the same to mitigate all identified risks, with the objective of enhancing the security of the FCA MIS/eForest Licence website. The audit of the FCA MIS/eForest Licence website should be conducted in conformity with NIC audit guidelines.
4. The website audit should be done by using Industry Standards and as per the Open Web Application Security Project (OWASP) Methodology.
5. During the security audit, if any lapse is found, the same shall be reported by the auditor to TRAI to make the application/portal fully secured for hosting on servers including NIC server.
6. Audit Environment- The IP Address of the FCA MIS and eForest Licence Website to be audited are IP address-164.100.127 104 and <https://eforestlicence.tripura.gov.in>. Audit can be done on-site or off-site. The TFD website has presently been uploaded State Data Centre Server of Tripura.
7. The audit of the application/portal must be carried out in conformity with NIC audit guidelines. After successful security audit of the website, the security audit report from the auditor should clearly state that all web pages along with respective linked data files (in pdf/doc/xls etc formats), all scripts and image files are free from any vulnerability or malicious code, which could be exploited to compromise and gain unauthorized access with escalated privileges into webserver system hosting the said website.
8. Responsibilities of Selected Auditor:

The Selected Auditor will conduct security Audit for the FCA MIS and eForest Licence Website at IP address — 164.100.127.104 and <https://eforestlicence.tripura.gov.in> in as under:-

- 8.1. Verify possible vulnerable services, only with explicit written permission from TFD.
- 8.2. Notify the auditee whenever there is any change in auditing plan / source test venue / high risk findings or any occurrence of testing problem.
- 8.3. Responsible for documentation and reporting requirements for the audit.
- 8.4. Task-1: Web Security Audit/Assessment.
- 8.5. Task-2: Re-audit based on recommendation report of Task-1.
- 8.6. On successful security audit, furnish certificate for the website as per NIC norms stating

that the application/ website is safe for hosting on the NIC server.

9. Audit Report

The Auditor shall submit a report indicating about the vulnerabilities as per OWASP and recommendations for action after completion of Task-1. The final formal IT security Audit Report should be submitted by the Auditor after the completion of all the tasks of Audit.

The reports should contain:

- 9.1. Identification of auditee (address & contact information).
- 9.2. Dates and locations(s) of audit (Task-1 and Task-2)
- 9.3. Terms of reference (as agreed between the auditee and auditor), including the standard for audit, if any.
- 9.4. Audit Plan.
- 9.5. Explicit reference to key auditee organization documents (by date or version) including policy and procedure documents, if any.
- 8.6. Additional mandatory or voluntary standards or regulations applicable to the auditee.
- 8.7. Summary of audit findings including identification tests, tools used, and results of tests performed.
- 8.8. Analysis of vulnerabilities and issues of concern.
- 8.9. Recommendations for action.
- 8.10. Personnel involved in the audit, including identification of any trainees. In addition to this, reports should include all unknowns clearly marked as unknowns.

10. Responsibility of Tripura Forest Department

- 10.1. The auditor will submit the vulnerability report to TFD who will be responsible to remove vulnerabilities if any, which are identified by the auditor. After removing the vulnerabilities, TFD will send confirmation to the auditor stating that the vulnerabilities have been removed as mentioned by the auditor.
- 10.2. The second round of audit shall be conducted by the auditor after removal of such vulnerabilities by TFD.
- 10.3. TFD will refrain from carrying out any unusual or major changes during auditing / testing. If necessary, for privileged testing, the auditee can provide necessary access to the Auditor as mentioned in the clause 'Audit Environment' above.

11. Confidentiality

All documents, information and reports relating to the assignment would be handled and kept strictly confidential and not shared/published/supplied or disseminated in any manner, by the Auditor

12. Technical Details of the FCA MIS applications are as follows:

SI No	Parameters/Information about the Website	Description
1	Web application Name & URL	FCA MIS Website: IP address — 164.100.127.104
2	Operating system details (i.e. windows -2003, Linux, AIX, Solaris etc.,)	Linux-CentOS 7
3	Application Server with Version (i.e. IIS 5.0. Apache, Tomcat, etc.)	Apache

4	Front end Tool [Server-side Scripts] (i.e. ASP, Asp.NET, JSP, PHP, etc.)	PHP
5	Back end Database (MS-SQL Server, PostgreSQL, Oracle, etc.)	My-SQL
6	Authorization No. of roles & types of privileges for the different roles	2 roles
7	Whether the site contains any content management module (CMS) (If yes then which?)	No
8	Indicative No of Dynamic pages	103(approx.) Details in Annexure-IV
9	Indicative No of Static pages	20 (approx.)- Details
10	No. (Approximate) of input Fields	Details in Annexure-IV
11	No. of login modules	1 login module
12	Is there any payment gateway?	No
13	Number of Web Services, if any	No

13. Technical Details of the eForest Licence application is as follows:

SL	Parameters	Description
1.	Web Application Name & URL	https://eforestlicence.tripura.gov.in/
2.	Operating System Details (E.g. Windows-2003, Linux, AIX, Solaris, etc.)	MS Windows 2012 R2
3.	Application Server with Version (E.g. IIS 5.0. Apache, Tomcat, etc.)	IIS Version 8.5
4.	Front-end Tool [Server side Scripts] (E.g. ASP, Asp.NET, JSP, PHP, etc.)	Asp.NET
5.	Back-end Database (E.g. MS-SQL Server, PostgreSQL, Oracle, etc.)	MS-SQL 2012
6.	Authorization No. of roles & types of privileges for the different roles	1. State Admin 2. DFO (District Forest Officer) 3. SDFO (Sub-Divisional Forest Officer) 4. RO (Range Officer) 5. Applicant
7.	Whether the application contains any content management System (CMS) (If yes then which? (E.g. Joomla/WordPress/Drupal/Liferay etc.)	No
8.	Total No. (Approximate) of Input Forms	25
9.	Total No. of input fields	207
10.	No. of login modules	2
11.	How many pages(in total) static/ Dynamic are there in the application	60

12.	Lines of Code in the application	23035 Approximately
13.	Number of Web Services, if any	-
14.	Payment Gateway, if any	Government Receipts Accounting System(E-GRAS)
15.	Online Testing Possible	Yes
16.	Whether the application is also hosted in the staging environment	Yes
17.	Whether the testing can be done off-site?(either over VPN connectivity or netting the staging server to internet)	Yes
18.	Does the application provide a file download feature (Yes/No)	Yes
19.	Does the application use Client side certificate (Yes/No)	NO
20.	Tentative Testing environment (Development / Staging/ Production Box)?	Staging
21.	Does the application has SMS integration (Yes/No)	Yes
22.	Does the application has E-mail integration (Yes/No)	NO
23.	Does the application provide a file upload feature(Yes/No)	Yes
24.	Specific Time Window for testing	-
25.	LAN Based	-

Annexure-II

Profile of the Bidder

S.No.	Particulars	
i.	Name of the Bidder	
2.	Date of Registration/ Incorporation <i>(copy of incorporation/firm registration certificate to be submitted)</i>	
3.	CERT-In Registration Number <i>(copy of valid CERT-In empanelment certificate to be submitted)</i>	
4.	Detailed office address of the bidder with Office Telephone Number, Fax Number, Mobile Number and E-mail along with name of the contact person	
5.	Status of Applicant <i>(Proprietorship Firing Partnership Firm/Private Limited/.Society/(attach documentary evidence)</i>	
6.	PAN Number <i>(copy to be enclosed)</i>	
7.	GST Tax Registration No. <i>(copy to be enclosed)</i>	
8.	List of Clients, Govt. as well as reputed private organizations	

Signature of the Authorized Signatory

Name

Designation

Name of the Bidding Entity

Annexure III

Price Bid

Date:

To,
Dy. Conservator of Forests,
IT & Statistics, Tripura Forest Department,
Forest Head Quarters, Aranya Bhavan,
Gorkhabasti , Agartala - 799006

Sub: Short Notice Inviting Quotations for Security Audit of Web application of FCA MIS & e-forest License under Tripura Forest Department

Sir,

We quote below our firm prices for conducting security audit of Web application of FCA MIS & e-forest License under Tripura Forest Department as per terms and conditions in the aforementioned quotation:

SI. No.	Description	Price (Rs.)
1	Web application of Forest Conservation Act MIS	
2	Web application of e-Forest License under Tripura Forest Department	
	<i>Applicable taxes(..... %)</i>	
	Total	
Rupees in Words:		

1. Quoted rates valid for 90 days from the date of opening of bid.
2. I/We accept all the terms and conditions of your Bidding document referred to above.
3. I/ We understand you are not bound to accept any proposal you receive.
4. I/We accept that we will complete the work within the stipulated period of 30 days from the award of work contract.

Signature of the Authorized Signatory
Name
Designation
Name of the Bidding Entity

Annexure- IV

Undertaking to be signed by the contractor/tenderer on behalf of his/her firm.

I/We----- do hereby undertake that I/we have clearly and precisely understood the terms and conditions of the tender, that I/we will abide by these terms and conditions mentioned in the tender notice/document and the rules and regulations/instructions of the Government, issued from time to time in letter and spirit, that any breach and/or violation of any of the terms and conditions at any time during the period of contract, my contract shall be liable to be terminated without assigning any reason thereof.

I/we-----also undertake that the decision of the Tripura Forest Department in connection of the security audit of web applications shall be final and binding in all cases, whatsoever may be, pertaining to this contract. vide No. F.1860-FCA-PRO-MIS/Stat/For-21Dated.....

Signature of the Authorized Signatory
Name
Designation
Name of the Bidding Entity