



भा.कृ.अ.प. -राष्ट्रीय आर्किड्स अनुसंधान केंद्र  
ICAR-National Research Centre for Orchids  
पाक्योंग 737106- , सिक्किम, भारत  
Pakyong-737106, Sikkim, India



दूरभाषसं. 91-03592-267030 (निदेशक) टेलिफैक्स 03592-267032 (AO)  
वेबसाइट: www.nrcorchids.nic.in ई-मेल: director.nrc@icar.gov.in

NRCO/ADMN/130/2021-22/

Date:

**निविदा सूचना (सी.पी.पी.पोर्टल)**

निदेशक, भा.कृ.अ.प.-राष्ट्रीय आर्किड्स अनुसंधान केंद्र, पाक्योंग, सिक्किम द्वारा इस केंद्र के वेबसाइट की सुरक्षा ऑडिट हेतु सीमित निविदा- दो बिड प्रणाली (तकनीकी एवं वित्तीय के तहत ऑनलाइन सी.पी.पी.पी पर यू.आर.एल : <https://eprocure.gov.in/eprocure/app> के माध्यम सी.ई.आर.टी-इन पैनलबद्ध एजेंसियों से बिड्स आमंत्रित की गई है। ऑनलाइन बिड जमा करने की अंतिम तिथि: 22-01-2022 है। अधिक जानकारी के लिए कृपया : <https://eprocure.gov.in/eprocure/app> या **www.nrc.icar.gov.in** देखें।

(अरविन्द चौहान)

सहायक प्रशासनिक अधिकारी

प्रतिलिपि:

1. निदेशक के प्राइवेट सेक्रेटरी, राष्ट्रीय आर्किड्स अनुसंधान केंद्र, पाक्योंग, सिक्किम।
2. टी. ए. सी (अध्यक्ष), राष्ट्रीय आर्किड्स अनुसंधान केंद्र, पाक्योंग, सिक्किम।
3. ARIS Cell प्रभारी, राष्ट्रीय आर्किड्स अनुसंधान केंद्र, पाक्योंग, सिक्किम (संस्थान की वेबसाइट पर अपलोड करने हेतु अनुरोध)।
4. सहायक वित्त एवं लेखा अधिकारी, राष्ट्रीय आर्किड्स अनुसंधान केंद्र, पाक्योंग, सिक्किम।



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NRCO/ADMN/130/2021-22/

Date:

**Notice Inviting Tender**

Online bids are invited on behalf of Director, ICAR-NRCO, Pakyong, Sikkim from CERT-In Empaneled agencies for the limited e-tender in Central Public Procurement Portal (CPPP) for security audit of website of this center under two bid system (Technical and Financial).

The information and schedule of dates are mentioned below:

<b>Mode of Tender</b>	Online-CPPP
<b>Published at</b>	www.nrco.icar.gov.in & https://eprocure.gov.in
<b>Earnest Money Rs.</b>	Rs. 4000/-
<b>Date &amp; Time of Uploading of Tender Documents</b>	21-12-2021 , 04:00 PM
<b>Bid Document Download Start Date&amp; Time</b>	21-12-2021 , 05:00 PM
<b>Bid Submission Start Date &amp; Time</b>	21-12-2021 , 10:00 AM
<b>Document download End Date &amp; Time</b>	21-01-2022 , 01:00 PM
<b>Bid Submission End Date &amp; Time</b>	21-01-2022 , 02:00 PM
<b>Bid Opening Date, Time and Venue</b>	22-01-2022 , 03:00 PM
<b>Websites for downloading Tender Document, Corrigendum's, Addendums etc.</b>	www.nrco.icar.gov.in & https://eprocure.gov.in
<b>Bid Validity</b>	
The Demand Draft of EMD should be of Scheduled Bank drawn in favour of "Director, ICAR-NRCO", should reach this centre before closing date of submission of bids. Envelope should be superscribed "EMD for security audit of website"	

**Tender Id: 2021\_DARE\_664356\_1**

**Important Notes:**

1. Tender Documents may be downloaded from Central Public Procurement Portal **https://eprocure.gov.in/epublish/app**; Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission'.
2. The tender will be available under Department of Agriculture Research and Education (DARE) on **https://eprocure/epublish.gov.in & www.nrco.icar.gov.in**
3. Director, ICAR-NRCO, Pakyong reserves the right to cancel this Notice of Invitation Tender and / or invite a fresh with or without amendments to this NIT, without liability or any obligation and without assigning any reason. Information provided at this stage is indicative and Director, ICAR-NRCO reserves the right to amend further details in the tender document.

4. Detailed **Terms & conditions, Eligibility, and other reference** for the assignment are available on the website <https://eprocure.gov.in> and [www.nrcorchids.nic.in](http://www.nrcorchids.nic.in). In case of any clarification, may contact at the following email: [director.nrc@icar.gov.in](mailto:director.nrc@icar.gov.in)
5. Any Corrigendum about extension of date in respect of above tender shall be issued only on website <https://eprocure.gov.in>, ICAR-NRCO website and no separate notification shall be issued in the press. Bidders are therefore requested to regularly visit our website to keep themselves updated.
6. Director, ICAR-NRCO, Pakyong, Sikkim, reserves the right to reject any tender/bid wholly or partly without assigning any reason.

The tender document contains Twelve pages including four annexures

1. **Annexure-I** : **General Terms and Conditions**
2. **Annexure -II** : **Scope of Works**
3. **Annexure- III** : **Scheduled of Rates (Financial Bid)**
4. **Annexure -IV** : **Technical Bid (Bidder's details)**



**(Arvind Chauhaan)**

**Assistant Administrative Officer**

**ICAR- NATIONAL RESEARCH CENTRE FOR ORCHIDS, PAKYONG, SIKKIM-737106****Subject: Limited Tender Quotation for Conducting Security Audit of ICAR-NRCO, Pakyong Website.**

Online tender on CPPP are invited by Director, ICAR-NRCO for the website security audit of ICAR-NRCO website as per terms & conditions enclosed at Annexure-I, scope of work at Annexure-II, Schedule of Rates at Annexure-III and Technical Bid Annexure-IV

1. You are invited to submit your most reasonable quotation for the following services: -

Brief Description of the Goods	Details of execution	Qty	Delivery Period	Place of Delivery
<b>Website security audit</b>	Please See in ANNEXURES	01	10 days	ICAR-NRCO, Pakyong, Sikkim 737106

2. Eligibility Criteria (Please attach supporting documents with Technical Bid-Annexure-IV)

- i. The bidder must be an organization of CERT-In empaneled Information Security Auditor and association with CERT-In empaneled Information Security Organization. Please submit the relevant documents along with detail of Information Security Auditor.
- ii. The bidder must have successfully completed minimum three (03) Security Audits in CPSUs/ Govt. Organizations during last three years. Copy of work order and completion certificate shall be attached.
- iii. The bidder must submit an undertaking that it has not been blacklisted by any government department/autonomous bodies and/or any institutions (please attached the supporting document with technical bid (Annexure-IV).
- iv. The bidder should be duly registered with the relevant tax authorities such as GST, etc. and documentary evidence for such registration shall be furnished. Bidders are requested to submit the necessary documentary evidence for the aforesaid information along with their bid.

3. **Submission of bids**

1. Bidder should login to the site well in advance for bid submission so that he/she uploads the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents in the tender document.
3. The Bidder should prepare the EMD as per instructions specified in the tender document. The Original should be posted latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

4. A standard **Financial Bid (Annexure-III)** format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bid in the format provided and no other format is acceptable. **The bidders are required to download the format for Financial Bid and fill the particulars necessary details and submit/upload the same duly signed/stamped.**
5. The server time (which is displayed on the bidder's dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
6. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer128 bit encryption technology. Data storage encryption of sensitive fields is done.
7. The uploaded tender documents must become readable only after the tender opening by the authorized bid openers.
8. Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission": in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
9. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.
10. General terms and conditions of the tender shall be as per the enclosed Annexure-I.
11. Last date & Time for receipt of Bids The last date for submission of Bids is 27-12-2021 till 02:00 pm.
12. It must be noted that the contract shall be awarded to the firm which fulfils all the required specifications, terms and conditions, qualify the technical bid and remains L-1.



(Arvind Chauhaan)  
Assistant Administrative Officer

**General Terms and conditions**

**1. Language of Bids**

1.1 The Bids prepared by the Bidder and documents relating to the bids exchanged by the Bidder shall be written in the English.

**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 Price 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.

2.4. Bidders shall indicate their rates in clear/visible figures as well as in words and shall not Alter/overwrite/make cutting in the quotation.

**3. Bid Evaluation**

3.1 The Purchaser will evaluate the quotations determined to be substantially responsive i.e. which

- a. are properly signed; and
- b. confirm to the terms and conditions, and specifications.

3.2 During Eligibility Criteria Evaluation, bidder's details shall be evaluated with reference to the required Eligibility Criteria as mentioned in this tender document and subsequently the bids of only eligible bidders shall be considered for final evaluation.

3.3 The price bids shall be evaluated as under:

- a) If there is any discrepancy between words and figures, the amount in words will prevail.
- b) 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.
- c) If the Bidder does not accept the correction of the errors as above, his bid will be rejected and the Earnest Money Deposit shall be forfeited.

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 ICAR-NRCO Website.

**4. Work Period:** The completion of the work shall not take more than 10 days from the date of issue of Work Order.

**5. Payment Terms**

5.1 Payment will be released after successful completion of work, submission of necessary certificate / documents / reports to ICAR-NRCO and receipt of pre-receipted bills in triplicate.

5.2 No advance payment shall be made.

5.3 No claim on account of any price variation / escalation shall be entertained.

5.4 No payment shall be made against unordered work. Work shall be performed strictly as per the work order.

## **6. Auditee's right to accept or reject any or all bids**

6.1. The auditee 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**

7.1. "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.

7.2. 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 a 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. Arbitration**

8.1. In case of disputes or differences arising between the Auditee and the Auditor relating to any matter arising out of, or connected with this agreement, such disputes or differences shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The Arbitral Tribunal shall consist of 3 arbitrators, who will be Technical persons having knowledge and experience of the trade.

9. Financial bids will be opened of only those bidders whose technical bid qualifies on all laid criteria.

10. In case of breach of terms and conditions at any time of contract the EMD shall be forfeited.



(Arvind Chauhaan)  
Assistant Administrative Officer

## 1. Scope of Work

1.1 ICAR-NRCO has developed a website with its URL as [nrco.icar.gov.in](http://nrco.icar.gov.in) and it consists of about 51 numbers of dynamic pages with PHP, Java Script, Bootstrap and JQuery. The website pages may have same data as content may be uploaded any time before or after audit.

**1.2. The Information Security Auditors is expected to carry out an assessment of the vulnerabilities, threats and risks that may exist in the above website through Internet Vulnerability Assessment and Penetration Testing which includes identifying remedial solutions and implementation of the same to mitigate all identified risks, with the objective of enhancing the security of the website.**

**1.3. The Security Auditors should provide the Web Security Audit certificate from the empanelled agency under Indian Computer Emergency Response Team (CERT-In) under the Department of Information Technology, Government of India.**

**1.4 The website audit should be done by using Industry Standards and as per the Open Web Application Security Project (OWASP) methodology.**

**1.5. The audit of the website should be conducted in conformity with Cert-In 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 the webserver system hosting the said website.**

**2 Audit Environment:** - Audit can be done on-site or off-site.

The Required resources will be provided in ICAR-NRCO for upload the website on temporary staging servers. To ensure that the ICAR-NRCO website is free from the vulnerabilities, the audit exercise will need to undertake the following activities:

- i. 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, Form/hidden field manipulation, Command Injection, Insecure use of cryptography, Cookie posting, SQL injection, Server misconfiguration, well known platform vulnerabilities, errors triggering sensitive information, leak etc.
- ii. Password Policy
- iii. Log Review, incident response and forensic auditing
- iv. Integrity Checks
- v. Virus Detection
- vi. Identification and prioritization of various risks to the ICAR-NRCO website
- vii. Identify remedial solutions for making the ICAR-NRCO website secure & safe.
- viii. Any other issues.

## 3. Responsibilities of Selected Information Security Auditor/SI

3.1. The Selected Information Security Auditor will conduct website security Audit for the ICAR-NRCO website as under:

3.1.1. Verify possible vulnerable services, only with explicit written permission from the auditee.



3.1.2. Notify the auditee whenever there is any change in auditing plan / source test venue / high risk findings or any occurrence of testing problem.

3.1.3. Responsible for documentation and reporting requirements for the audit.

3.1.4. Task-1: Web Security Audit/Assessment.

3.1.5. Task-2: Re-audit based on recommendation report of Task-1.

3.1.6. The auditor will submit the vulnerability report to the auditee. The concerned division of ICAR-NRCO will not provide any resource/manpower to be auditor/bidder to remove vulnerabilities/Bugs if any, which are identified by the auditor. The auditor/bidder has to make his own arrangement for mitigation of all the security vulnerabilities, which may be discovered during the security audit.

3.1.7 On successful security audit, furnish certificate form with the empanelled agency of Indian Computer Emergency Response Team (CERT-In) under the Department of Information Technology, Government of India.

#### **4. Audit report**

**4.1.** 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:

4.1.1. Identification of auditee (address & contact information).

4.1.2. Dates and locations(s) of audit (Task-1 and Task-2).

4.1.3. Terms of reference (as agreed between the auditee and auditor), including the standard for audit, if any.

4.1.4. Audit Plan.

4.1.5. Explicit reference to key auditee organization documents (by date or version) including policy and procedure documents, if any.

4.1.6. Additional mandatory or voluntary standards or regulations applicable to the auditee.

4.1.7. Summary of audit findings including identification tests, tools used and results of tests performed.

4.1.8. Analysis of vulnerabilities and issues of concern.

4.1.9. Recommendations for action.

4.1.10. Personnel involved in the audit, including identification of any trainees.

**4.2.** In addition to this, reports should include all unknowns clearly marked as unknowns.

#### **5. Responsibility of Auditee**

5.1 As there are only two rounds of audit, the concerned auditor/bidder should take necessary action to remove the vulnerabilities by second round.

5.2 Auditee will refrain from carrying out any unusual or major changes during auditing / testing.

5.3 If necessary for privileged testing, the auditee can provide necessary access to the auditor as mentioned in the clause 'Audit Environment' above.

**6. Confidentiality**

6.1. 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 whatsoever to any third party, except with auditee's written permission.

**7. Technical Details of the applications are as follows:**

S.No.	Parameters/Information about the Website	Description
1	Web application Name & URL	www.nrcو.icar.gov.in
2	Operating system details (i.e. windows - 2003, Linux, AIX, Solaris etc.,)	Linux
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.)	MYSQL
6	Authorization No. of roles & types of privileges for the different roles	Total Roles: 2 1. Users: Can view the website 2. Administrator: Manages the website contents
7	Whether the site contains any content management module (CMS) (If yes then which?)	No
8	No of input forms	15
9	No. (Approximate) of input Fields	78
10	No. of login modules	1
11	How many application roles/privilege levels of users?	1
12	Does the application provide a file download feature (Yes / No)?	Yes
13	Does the application use Client-side certificate (Yes / No)?	No
14	Is there a CMS (Content Management System) present to maintain the public portal/login module?	No
15	Does the application has SMS integration (Yes/No)?	No
16	Does the application has E-Mail integration (Yes/No)?	No
17	Does the application has Payment Gateway integration (Yes/No)?	Yes but as a External Link
18	Does the application provide a file upload feature (Yes / No)?	Yes in Admin Dashboard
19	Number of Web Services, if any	No
20	Number of methods in all web services	NA

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 actions taken for risk mitigations.
- ii. The auditor responsibilities need to articulate not just the audit tasks, but also the documentation of their activities, reporting their actions etc. and providing necessary guidance to the developer as and when requested during the audi.
- iii. The final security audit certificate for 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.

## ANNEXURE-III

## SCHEDULE OF RATES

We quote below our firm prices for conducting security audit of ICAR-NRCO website as per the specification prescribed in the tender document No. \_\_\_\_\_

S.No.	Item	Total Price (Rs.)
1.	Work for conducting security audit of ICAR-NRCO Website along with mitigation of all the vulnerabilities / bugs.	
2.	Web Security Audit certification from the empanelled firm under Indian Computer Emergency Response Team (CERT-In)	
3	GST	
Total Price including all taxes		

Our financial proposal for a sum of Rupees \_\_\_\_\_  
 (Amount in words) inclusive of all applicable tax for the complete assignment and our bid is valid for \_\_\_\_\_ days from the date of opening of this tender.

Signature of the Bidder: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Place: \_\_\_\_\_

Company Seal: \_\_\_\_\_

**TECHNICAL BIDS**

**BIDDER'S PARTICULARS**

1. Name of the Bidder \_\_\_\_\_

2. Full Address of the Bidder \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Name & contact of the Single Point of Contact to whom all references shall be made regarding this tender \_\_\_\_\_

a) Telephone \_\_\_\_\_

b) Fax No. \_\_\_\_\_

c) E-mail \_\_\_\_\_

d) Mobile \_\_\_\_\_

4. DEATIL OF EMPANELLED INFORMATION SECURITY AUDITING ORGANISATIONS by CERT-In

a. Name. \_\_\_\_\_

b. Address. \_\_\_\_\_

c. Cert-In Reference: \_\_\_\_\_

d. E-mail. \_\_\_\_\_

5. GPUs/ Government organisation of which bidder has successful completed security audit of website : (Please attach work orders)

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

AUTHORIZED SIGNATURE

NAME \_\_\_\_\_

DESIGNATION \_\_\_\_\_

DATE \_\_\_\_\_

Company Seal