

**REQUEST FOR QUOTES**

**for**

**Vulnerability Assessment &  
Penetration Testing of Websites &  
Web Applications**



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## 1 About IBA:

The IBA Karachi today sets a standard that other institutions emulate, and serves as a beacon of hope and success for students across the nation. The Institute has gone through major changes over past six decades in order to embrace a wider set of disciplines in its curricula. During the 10 years, the institute has witnessed massive developments in all areas ranging from IT infrastructure, Technology Enhancement, ERP Implementation, E-Learning Solutions & Digitalization, Accreditations, Introducing new Programs, Increasing Research activities and organizing National & International Conferences; thus changing IBA's physical and academic landscape.

## 2 Purpose:

The purpose of this assignment is to hire a competent firm that specializes in conducting penetration testing & vulnerability assessment of Websites & Web Applications. The selected firm is expected to provide detailed assessment reports and guidelines that will help IBA Karachi in implementing various information security protocols that could strengthen the controls to mitigate the risk of services being compromised.

## 3 Scope:

The scope of this project will cover the following key Objectives.

- Conduct detailed & comprehensive vulnerability assessment of our Main Website along with its 50+ subdomains.
- Internal/External Penetration testing of Websites and Web Applications.
- Conduct security testing to exploit Websites & Web Applications using SQL Injection, Cross site scripting, Man-in-the-Middle Attacks, Brute Force Testing and many others.
- Recommend best practices for the prevention of Cyber Attacks/Hacking.
- Post Implementation testing to re-test the fixes of reported bugs/observations.

## 4 Project Deliverables:

The selected firm will be required to submit detailed reports to the IBA Karachi that will categorize each of the bugs/observations on the basis of High, Medium and Low Severity. Provided reports will also recommend mitigating action plan to address the identified issues. All types of reports will provide detailed information on Information security risks, vulnerabilities, and the necessary countermeasures and recommended corrective actions.

## 5 Project Duration:

The total duration for the completion of this Project will be 15 days from the date of signing of the contract.

## 6 Shortlisting Criteria:

In evaluating the relative merits of firms bidding for the project, the evaluation committee will take consideration on below given points:

- i. Demonstrated experience in carrying out similar projects, as outlined above.
- ii. Must have completed at least 5 projects related to Vulnerability Assessment & Penetration Testing (VAPT).
- iii. The quality, intelligence, efficiency, sustainability and viability/feasibility of the proposed approach and methodology to be applied for this assignment shall be evaluated by the procuring agency, hence consulting firms are required to prepare a comprehensive document. (Attach all relevant documents)
- iv. The quality and relevant experience of individual staff members proposed by the firm including the leadership quality for accomplishment of this assignment shall be minutely examined while shortlisting the consultant by IBA Karachi.
- v. The selected firm must have certified professionals who have relevant certifications such as Certified Information System Security Professional (CISSP), Certified Ethical Hacker (C|EH) and Certified Information Systems Auditor (CISA).

- vi. The consulting firm must be registered with tax department. (Attach relevant Documents)
- vii. The consulting firm must provide names of at least 3 clients along with their contact details for whom the company has completed similar projects.
- viii. Please mention the Association / Affiliation/ Partnership/ Certification with relevant bodies / entities like SECP, PSEB, P@SHA, relevant standards of ISO / TQM /CMMI (level), IEEE etc. (Relative grading for shortlisting will be carried out so please mention all kind of association / affiliations/ certifications that the consulting firm may have along with documentary evidences)

## **7 Confidentiality:**

The selected firm would ensure that all the data/Information collected under this project is kept confidential and will be the sole and exclusive property of IBA Karachi. The consulting firm will not, acquire any right, title or interest in or to any of the confidential information collected for this consultancy.