



IMMEDIATE/BY SPECIAL MESSENGER
**FEDERAL BOARD OF INTERMEDIATE
AND SECONDARY EDUCATION**
H-8/4, ISLAMABAD



No. GF.II(98)/FBISE/ADMN/1438

December 28, 2023

The Director (Advertisement)
Press Information Department
Ministry of Information, Broadcasting & National Heritage
Government of Pakistan
Zero Point, Islamabad

Subject: **PUBLICATION OF ADVERTISEMENT FOR HIRING OF
GENERATIVE ARTIFICIAL INTELLIGENCE (AI) CONSULTANTS
AND CYBER SECURITY CONSULTANTS**

Dear Sir,

Advertisement for hiring of Generative Artificial Intelligence (AI) Consultants and Cyber Security Consultants are enclosed for publication in two local National Daily Newspapers one English and one Urdu.

2. Every possible care must be taken in maintaining the accuracy of the tender notice, during its proof reading and publication.
3. Subsequent to publication of tender notice, bill may please be forwarded to this office for payment.


(ARSHAD MEHMOOD)
DEPUTY SECRETARY (ADMN)

Encl: As above

Copy to:

- ✓ Director (IT) (With the request to upload the enclosed terms and conditions on the website of FBISE)
- File No. GF.II(25)/FBISE/ADMN

HIRING OF CYBER SECURITY CONSULTANT

Federal Board of Intermediate and Secondary Education (FBISE) is invited applications for the hiring of Cyber Security Consultant having Master degree in the relevant field such as Computer Science, information security, Information Technology with Minimum of 10 years of hands-on experience in cybersecurity roles.

Duration of Consultancy:

The initial consultancy period will be [06 months], with the possibility of extension for another term based on performance and organizational needs.

Remuneration:

The remuneration package will be competitive and commensurate with the candidate's qualifications and experience.

Detailed Terms of Reference with required qualification and experience is available on the official website of the FBISE i.e., www.fbise.edu.pk

How to Apply:

- i. Interested candidates shall forward their C.V. along with covering letter and supporting documents in PDF format at the email address: secretary@fbise.edu.pk
- ii. Applications complete in all respects should email within **FIFTEEN (15) DAYS** from the date of publication of advertisement at the above given address.

TERMS OF REFERENCE FOR CONSULTANCY SERVICES – CYBER SECURITY **CONSULTANT**

INTRODUCTION

The Federal Board of Intermediate and Secondary Education (FBISE) is an autonomous body of the Ministry of Federal Education and Professional Training, Government of Pakistan. Established in 1975, FBISE is responsible for conducting examinations at the Secondary and Higher Secondary levels. FBISE is looking for a qualified and experienced cyber security consultant to assess and improve the security of its online systems and services.

JOB DESCRIPTION:

As a Cyber Security Consultant, you will play a crucial role in safeguarding FBISE's digital infrastructure. Key responsibilities include:

- **Security Assessment and Audits:** Conduct regular comprehensive security assessments and audit of FBISE's online systems and services, including web portals, databases, servers, networks, and applications to identify vulnerabilities and weaknesses in the existing cybersecurity framework.
- **Security Implementation:** Identifying and prioritizing the security risks and vulnerabilities of FBISE's online systems and services, and recommending appropriate mitigation measures and best practices. Implement and manage security protocols, including firewalls, intrusion detection systems, and antivirus software. Ensure the continuous monitoring of security systems.
- **Policy Development:** Developing and implementing a security policy and framework for FBISE's online systems and services, in compliance with the relevant standards and regulations.
- **Incident Response:** Monitoring and reporting on the security status and performance of FBISE's online systems and services, and providing timely and effective response to any security incidents or breaches. Develop and maintain incident response plans to address potential threats.
- **Training and Awareness:** Providing training and awareness sessions to FBISE's staff and stakeholders on cyber security issues and practices.
- **Incident Response:** Investigate and respond to security incidents promptly. Develop and maintain incident response plans to address potential threats.
- **Collaboration:** Collaborate with IT teams to integrate security measures into the organization's infrastructure. Provide guidance on secure coding practices and the implementation of security best practices.

Essential Skills:

- Project Manager with 10+ years of Experience in Data Center and IT Network management.
- Subject Matter Expert with 5+ years of Network and Data Center review.
- Expert knowledge and experience of cybersecurity principles, practices, techniques, tools, technologies and standards.
- Proficient in conducting security audits, assessments, tests, and analyses of online systems and services.
- Experience with vulnerability assessment tools and penetration testing.
- Proficiency in configuring and managing security systems, including firewalls, antivirus, and intrusion detection/prevention systems.
- Ability to develop and implement security policies, frameworks, and solutions for online systems and services.
- Strong understanding of encryption protocols, VPNs, and secure coding practices.
- Analytical and problem-solving skills to identify and address security issues effectively.
- Excellent communication and interpersonal skills to convey complex security concepts to non-technical stakeholders.

Qualification and Experience:

- Master of Science in Computer Science, Information Technology, Information security or a relevant field.
- Minimum of 5 years of hands-on experience in cybersecurity roles.
- Industry certifications such as CISSP, CISM, or equivalent is highly desirable.
- Experience in working with the relevant standards and regulations for cyber security, such as ISO/IEC 27001, NIST SP 800-53, and PCI DSS.

Outcomes of the Consultancy:

The successful candidate will contribute to enhancing FBISE's cybersecurity posture, ensuring the confidentiality, integrity, and availability of digital assets. This includes the implementation of effective security measures and protocols, timely incident response, and ongoing security awareness initiatives.

- A comprehensive security audit report of FBISE's online systems and services, with a detailed identification and prioritization of the security risks and vulnerabilities, and a recommendation of the appropriate mitigation measures and best practices.
- A security policy and framework document for FBISE's online systems and services, in compliance with the relevant standards and regulations.

- A security training and awareness plan and materials for FBISE's staff and stakeholders.
- A security monitoring and reporting system and mechanism for FBISE's online systems and services, with a timely and effective response to any security incidents or breaches.

Remuneration:

The remuneration package will be competitive and commensurate with the candidate's qualifications and experience.