

**REQUEST FOR QUOTES**  
**for the**  
**Plugin for an LMS Application for**  
**the Specialized Quiz based**  
**Assessment**



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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 objective of this assignment is to identify and select a software development/ IT vendor firm with proven experience in developing plugin for LMS-SAKAI Application system that have core features of integrated Quizzes using Artificial Intelligence (AI). The bidder will provide off-the-shelf solution which can be deployed and implemented in a shortest span of time.

The high-level objectives of acquiring a new solution are as follows:

- Enables diverse assessment options along with assignment based quizzes.
- The quizzes developed by the plugin check helps instructors ensure that the student is the original author of the submitted coursework.
- A self-sustainable and cost-effective solution to meet the business needs of IBA-LMS for the next 5-10 years.
- LMS-based plugin mechanism will check indirect plagiarism, cases of ghostwriting, AI written content and instances.

### 3 Scope:

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

- Deliver learning quiz modules in a dynamic & engaging manner.
- Instructors can Manage & track quizzes of Students based on assignment submissions.
- Integration with SAKAI-LMS 19.1 and higher
- Track exact time spent by user in quiz and other related statistical reports

The salient features of the system should include but not limited to the following:

#### Reports

- ✓ Dashboards and Graphic Reports
- ✓ Drilldown to navigate from dashboard to supporting reports.
- ✓ Exporting Reports in variety of formats
- ✓ Grading Report

#### Roles

- ✓ Define Roles
- ✓ Role Assignment
- ✓ System Permissions per role

#### Security

- ✓ Anti-spam
- ✓ IP Blocker
- ✓ Restrict registration to specific domains

## System Reports

- ✓ Automatic email reports in predefined intervals
- ✓ Email notification settings
- ✓ Live Logs

## 4 Terms of Reference (TOR)

IBA intends to have off-the-shelf, web based and scalable quiz based plugin for LMS-SAKAI System.

The main components and deliverables of the assignment are as follows:

- Develop & configure plugin Learning software as per the IBA requirements.
- Installation and deployment of software.
- Training and UAT of the software.
- Implementation and live run of software.
- Technical support services up to 1 year.

## 5 Project Duration:

The total duration for the completion of this Project will be 30 days from the date of signing of the contract or awarding Purchase/Work Order.

## 6 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.