

**Netaji Subhas Administrative Training Institute
Government of West Bengal
Block FC, Sector - III, Salt Lake, Kolkata - 700106**

Date 23/12/2021

Notice Inviting Quotation

Sealed quotations are invited from reputed and bonafide agencies for **Online Assessment Portal of Netaji Subhas Administrative Training Institute, Government of West Bengal**, FC-Block, Sector-III, Salt Lake City, Kolkata- 700016.

The interested eligible bidders should download the NIQ from the official website of NSATI(www.atiw.gov.in) from **23/12/2021 to 04/01/2022**.

Scope of Work

NSATI may procure such online application having following features:

- Mentor's account.
- Trainee's account.
- Admin account.
- Ease trainees' assessment, to evaluate trainees' knowledge and performance.
- Assessment system within training in MCQ and Other format (**Annexure - A**) and course end assessment system.
- Virtual observation of trainees at the time of assessment lives (Online Proctoring System).
- Generate final assessment result report, one trainee can give multiple assessments so in his/her result sheet multiple assessments score will come, how many training has attended will come with training duration, topic name, trainer's name, pass or fail.
- Online certificate generation with certificate id parameter.
- Share study material with trainees.
- Inform mentor about their copy check.
- Mentor can give a part number of any question.
- Question bank of subjective and objective questions with doc/pdf/xls file uploads facilities.
- Parameter based question assign.
- Multiple language question to be uploaded and assign.
- To upload questions in the bank by mentors.
- Course blog with course material doc file or video file upload facilities and once trainees will access these files one notification will come to admin.
- APK for online assessment portal which can be used while the internet is not available.
- Auto messaging system enable/disable from every stage.

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- Auto question selection process from database to create question sets of objective and subjective.
- The system is based on a cloud-based database system. We will have a database space in the cloud for details and information along with all documents; we hope to provide a comfortable user experience along with easy access.
- Mobile and web version.
- MIS report generation with export facility in PDF/Excel/CSV/Other format.
- Single user registration with approval system.
- Distributed database, Cloud Client/server system. Operating system: Windows. Database: MySQL, Platform: PHP.

General Technical Details

- Security Audit Certificate required after implementation and bug fixing
 - NSATI will give the register domain with space in linux server with PHP database
 - All type of Admin password and security option should be given to NSATI after implementation.
 - Effect of the all password changes should be dynamic.
 - Year wise archive procedure must be available in system
 - Local backup/restore procedure must be available
 - Technologies: Proposed system will be developed using completely PHP Based application
 - Web Application: Dynamic
 - Presentation Layer: HTML, CSS, Bootstrap, JavaScript
 - Controller Layer: PHP Code Igniter
- Databases: MySQL

Go Live Plan

- Project must be implemented within 75 days from order date.
- Training (Annexure-B) and Admin development will be covered in implementation time.
- Application will be run 15 days as online beta version for bugs identification and Extra report requirement after implementation.
- Another 15 days will be Bug fixing and extra report Development.
- After bug fixing and other extra any development issue, Software will go for Audit and required action will be taken by developing organization and submit Audit report to NSATI officially.
- Warranty (Annexure - C) will be start from date of submitting Audit report.

