



Requirements Wise Financial Proposal for the Development

Of

BAF ISS Exam App SOFTWARE

For



PREPARED BY

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BANGLADESH AIR FORCE (BAF)

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SOFTWARE DETAILS:

1. Scope of the Software is to make the ISS exam paperless (fully online) at all the exam centers of CSTI. Hence, a student officer will be able to sit for online exam from any part of the world having Internet access and approved invigilation system by CSTI.

- Primarily all ISSP Exams: EPE and TAE will be held with the help of this application
- Around 500 students will use the app concurrently.

There will be two types of exams

- (Part-1): 8 subjects/phase – 16 exams
- Part-2): 8 Subjects/phase – 16 exams

1.1 Exam process and types of questions:

Assigned assessors of CSTI will prepare questions for TAE and EPE. All the proposed questions will be available to the course Admin and his/her team will finalize the questions before go live. In due course, these exam questions will be available to student officers. Following are the question pattern for assessing the student officers:

1. Fill in the gaps
2. True/False
3. Multiple choice question
4. Broad questions
5. Thought provoking questions
6. Question with video and graphic stimulus

1.2 Exam Assessment:

All the exams will be available to the student officers on the stipulated date. Student officers have to submit an assignment for the TAE and will have to sit for a time-constrained exam for the EPE. All TAE and EPE e-scripts will be available to assigned Assessors of CSTI in their portal. They will mark the scripts online and submit marks against each answer. All these marks will be available to CSTI Course Admin panel. Once the course admin will re-check the marking integrity, s/he will make it available for final result publication.

1.3 Question Bank.

1. A question bank will be created with all previous questions. In addition, all newly approved questions will be added to specific categories and phase of each TAE and EPE question bank
2. There will be no negative marking provision
3. Primarily auto questioning from “Question Bank” is not required

1.4 Exam Timing:

4. Time constrained exam (EPE)
5. Exams/Assignments with certain deadline (TAE)

2. User Module:

There will specific access control mechanism for the following users

1. Software Admin
2. Course Admin
3. Assessor
4. Students
5. Invigilators
6. Centres/Education Flights
7. And others

3. Result Module:

1. Result could be viewed online by the students
2. No recheck system will be there
3. There will be re-take system. Record to be kept for each retake.

4. Device Responsiveness:

The App will be device responsive. Hence, it could be used from any device like Laptop, Desktop, Tab, Handheld device, Mobile phone, etc.

5. Modules/Features

1.Sign-in

- a. Sign-in into the system using EMAIL and PASSWORD
- b. Use Captcha to block Machine/Bot

2.Examinee Officer

- a) Add an officer for ISSP Part-1
- b) Promote an officer from ISSP Part-1 to ISSP Part-2 (Update officer's information)
- c) Officer Reports
- d) Export Officer List

3.System User & Their Access Control

- a) Admin
- b) Manager
- c) Executor/Operator
- d) Assessor
- e) Invigilator
- f) And More (if any)

4.Course (ISSP-P1/P2)

- a) Manage Subject
- b) Manage Phase-wise Subject

5.Exam Configuration

- a) Configure TAE
- b) Configure EPE

6.Exam Dependency Resolver

7.Exam Schedule

- a) Regular Subject
- b) TAE Date
- c) EPE Date/time
- d) Extended
- e) Subject

- f) TAE Date
- g) EPE Datetime

8.Exam Question

- a) New Question for this Exam
- b) Select from Existing Questions

9.Live Exam

- a) Time Counter
- b) No Copy Allowed
- c) No Paste Allowed
- d) Disable Browser Default Function like Reload, Back, Forward etc
- e) Must Enable Script
- f) Participant Counter

10.Assessing Exam Papers

- a) Question Wise Marks
- b) Restrict to provide negative marking
- c) Restrict to provide more than selling marks
- d) Total Marks(auto calculated)

11.Result

- a) Set Publish Date
- b) Result Reports
- c) Export Result

12. SMS integration

- a) Configure SMS Sent Event
- b) Associate People with SMS Event to Receive SMS

13. Email integration

- a) Configure Email Sent Event
- b) Associate People with Email Event to Receive SMS

14. Load balancer (to control concurrent traffic of 500 examinee during EPE)

1. Financial Details

1.1 Development Timeline

The development time scale will be as follows:

Task	Months
❖ BAF ISS Exam App Customized Software	Three Months
Total	Three Months

1.2 Development Cost

Task	Price (in BDT)
❖ BAF ISS Exam App Customized Software	9,00,000.00
Total	9,00,000.00

In Word: Nine Lac Taka Only.

1.3 Terms & Condition

❖ Price

All prices in the proposal are excluding VAT & TAX

❖ Terms of Payment

Payment mode will be Cash or A/C Payee Cheque in favor of **JVCA Account**.

- ✓ 40% Advance with the work order
- ✓ 40% After complete 50% work of the project
- ✓ 20% After full complete of the project