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Domestic RFQ for Online Testing Service

The Centre for Nano Science and Engineering (CeNSE), Indian Institute of Science (IISc), wants to create a portal for online examinations for a Government Training program with national visibility. RFQ is being issued to qualified parties to provide service and IT infrastructure to conduct the exam. **Please email your quotes to savasthi@iisc.ac.in. The last date to respond is 30th April 2024.**

Mandatory requirements:

1. All tests will be conducted online. No physical infrastructural requirements like classroom, venue, or physical answer checking exist.
2. The tests will be authenticated through mobile phone + OTP, or email. The service must support both options.
3. IISc will provide the question bank, out of which the system will randomly pick a subset of questions for each test. This ensures different questions in each test.
   a. For example, for a certain exam, we will give 100 questions. Your system will auto-pick a subset of 40 questions from the bank.
4. These tests will be conducted with auto-invigilation using AI-enabled resources. You can assume that each test-taker has a laptop or phone with a camera and microphone. We don't want any human proctoring. The auto-invigilator must:
   a. Detect context switching, i.e. switching away from the test to a different window or program to look for answers.
   b. Be Immune to bots.
   c. Detect multiple faces.
   d. Detect multiple voices.
   e. Detect lack of camera or disabled camera.
   f. Detect a muted microphone.
   g. Timed. The test should start and end automatically at the designated time.
5. The exam will be hosted on a cloud. IISc will not provide any server or IR resources.
6. The result of the test must be downloadable by the administrator. The database should include the candidates' identity, scores, auto-invigilation results, and the exam date and time.
7. The portal will be integrated with a landing webpage that will be hosted on the IISc website. The vendor must support the link between the IISc landing page and the testing portal.
8. The vendor must support mock testing to verify the service.

Other information:

1. The portal is needed for a 3-year window starting from the date of PO issue. The payment will be every quarter against an invoice for part of the service delivered in that period. The cost should account for the long-term engagement.

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2. We plan to conduct up to four online exams every year.
3. The number of people taking the test is unknown. But we expect the number to be more than 2000 participants per exam.
4. Payment: via quarterly or six-monthly invoice.
5. The payment must be as a service for the project's duration (3 years). We cannot accept an open-ended cost structure, for example, ₹10/test. We must get a quote, for example, ₹1000/quarter.
6. Point of contact: For now, the undersigned can be contacted for any questions at savasthi@iisc.ac.in.

GFR2017 Compliance

1. The Bidder should belong to either Class-1 or Class-2 suppliers distinguished by their "local content" as defined by recent edits to GFR. They should mention clearly which class they belong to in the cover letter. a) Class-1 supplier: Goods and services should have local content of equal to or more than 50%. b) Class-2 supplier: Goods and services should have local content of equal to or more than 20 % and less than 50%.
2. The quote should come only from an Indian Original Service Provider or their Indian authorised distributor.
3. The quotations should be on FOR-IISc Bangalore basis in INR only.
4. Bidders offering imported products will fall under the category of non-local suppliers. They cannot claim themselves as Class-1 local suppliers/Class-2 local suppliers by claiming services such as transportation, insurance, installation, commissioning, training, and other sales service support like AMC/CMC, etc., as local value addition.
5. As defined by the recent edits to GFR (within the "margin of purchase preference"), purchase preference will be given to the Class-1 supplier.
6. MSMEs can seek an exemption to some qualification criteria. IISc follows GFR2017 for such details.

Thanks
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