



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার  
শিক্ষা মন্ত্রণালয়



এস্টাবলিশমেন্ট অফ ইন্টিগ্রেটেড এডুকেশনাল ইনফরমেশন ম্যানেজমেন্ট সিস্টেম (IEIMS)  
বাংলাদেশ শিক্ষাতথ্য ও পরিসংখ্যান ব্যুরো (ব্যানবেইস)  
১ জহির রায়হান সড়ক (পলাশী-নীলক্ষেত) ঢাকা-১২০৫।  
www.banbeis.gov.bd e-mail: ieims\_crvs@banbeis.gov.bd

স্মারক নং ৩৭.২০.০০০০.০০৫.১৪.০৮৭.১৯ ২৬/৮

তারিখ ১৪ ফাল্গুন ১৪২৬  
২৭ ফেব্রুয়ারি, ২০২০

বিষয়: শিক্ষা মন্ত্রণালয়ধীন বাংলাদেশ শিক্ষা তথ্য ও পরিসংখ্যান ব্যুরো (ব্যানবেইস) কর্তৃক বাস্তবায়নধীন "এস্টাবলিশমেন্ট অব ইন্টিগ্রেটেড এডুকেশনাল ইনফরমেশন ম্যানেজমেন্ট সিস্টেম (IEIMS)" শীর্ষক প্রকল্পের জন্য "Software design and development for educational information management to be used by MoEdu, BANBEIS, DSHE, DTE, NTRCA, and others with maintenance support for (three) years" এর REOI বিজ্ঞপ্তি প্রচার।

উপরিউক্ত বিষয়ে শিক্ষা মন্ত্রণালয়ধীন বাংলাদেশ শিক্ষাতথ্য ও পরিসংখ্যান ব্যুরো (ব্যানবেইস) এর আওতাধীন (IEIMS)" শীর্ষক প্রকল্পের জন্য "Software design and development for educational information management to be used by MoEdu, BANBEIS, DSHE, DTE, NTRCA, and others with maintenance support for (three) years" এর REOI বিজ্ঞপ্তি আপনার বহল প্রচারিত দৈনিক পত্রিকার সকল সংস্করণে ১ (এক) বার প্রকাশের প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য প্রেরণ করা হলো।

২৭.০২.২০২০

(প্রফেসর মো:শামছুল আলম)

প্রকল্প পরিচালক

IEIMS প্রকল্প, ব্যানবেইস

ফোন-৫৫১৫১৮১৫

১। কমার্শিয়াল ম্যানেজার  
দৈনিক সংবাদ  
৩৬, পুরানা পল্টন, ঢাকা-১০০০।  
E-mail: sangbaddesk@gmail.com

২। বিজ্ঞাপন ম্যানেজার  
The Daily Star  
৬৪-৬৫ Kazi Nazrul Islam Avenue  
Dhaka-1215, Bangladesh.

স্মারক নং ৩৭.২০.০০০০.০০৫.১৪.০৮৭.১৯ ২৬/৮/১(৬)

তারিখ ১৪ ফাল্গুন ১৪২৬  
২৭ ফেব্রুয়ারি, ২০২০

সদয় আবগতি ও প্রয়োজনীয় কার্যার্থে অনুলিপি:

- ১। অতিরিক্ত সচিব (উন্নয়ন), মাধ্যমিক ও উচ্চশিক্ষা বিভাগ, শিক্ষা মন্ত্রণালয়, ঢাকা;
- ২। মহাপরিচালক, CPTU, (CPTU এর website এ প্রচারের ব্যবস্থা গ্রহণের অনুরোধ সহ);
- ৩। মহাপরিচালক, ব্যানবেইস ;
- ৪। সচিব মহোদয়ের একান্ত সচিব, মাধ্যমিক ও উচ্চশিক্ষা বিভাগ, শিক্ষা মন্ত্রণালয়, ঢাকা
- ৫। সিনিয়র সিস্টেম এনালিস্ট, ব্যানবেইস, (ব্যানবেইস এর website এ প্রচারের ব্যবস্থা গ্রহণের অনুরোধ সহ)।
- ৬। অফিস নথি।

<b>Request for Expression of Interest (EOI)</b>		
<b>GOVERNMENT OF THE PEOPLES' REPUBLIC OF BANGLADESH</b>		
1	<b>Ministry/Division:</b>	Secondary and Higher Education Division, Ministry of Education
2	<b>Agency:</b>	Bangladesh Bureau of Educational Information & Statistics (BANBEIS)
3	<b>Procuring Entity Name:</b>	Project Director, Establishment of Integrated Educational Information Management System (IEIMS) Project
4	<b>Procuring Entity Code:</b>	224246000
5	<b>Procuring Entity District:</b>	Dhaka
6	<b>EOI for Selection of:</b>	A firm for software design and development for Educational Information Management to be used by MOE, BANBEIS, DSHE, DTE, DME, NTRCA and Others
7	<b>Title of Service:</b>	Software design and development for Educational Information Management to be used by MOE, BANBEIS, DSHE, DTE, DME, NTRCA and Others with maintenance support for 3(Three) years.
8	<b>EOI Ref. No.:</b>	37.20.0000.005.14.107.2020
9	<b>Date:</b>	27 February 2020
<b>KEY INFORMATION</b>		
10	<b>Procurement Method</b>	Quality and Cost based Selection(QCBS)
<b>FUNDING INFORMATION</b>		
11	<b>Budget and Source of Funds:</b>	Development Budget (GOB)
12	<b>Development Partners:</b>	None/Not applicable
<b>PARTICULAR INFORMATION</b>		
13	<b>Project/Programme Code:</b>	224246000
14	<b>Project/Programme Name</b>	Establishment of "Integrated Educational Information Management System (IEIMS)" Project
15	<b>EOI Closing Date:</b>	12 March 2020, within 3:00 p.m.
<b>INFORMATION FOR APPLICANTS/ SOFTWARE FIRMS</b>		
16	<b>Brief Description of Assignment:</b>	<p>Tentative list of the software modules to be developed under this assigned service is as follows:</p> <ol style="list-style-type: none"> <li>1) Module for institutional web portal (student data collection from class VI to class XII, student's attendance, internal result processing, report card generation etc.)</li> <li>2) E-MIS software of DSHE, DME and DTE</li> <li>3) Government Teacher's database at MoEdu, DSHE, DME, and DTE (profile, posts and vacancies at institutions)</li> <li>4) MPO database at DSHE, DME and DTE</li> <li>5) Online websites of all boards, agencies and ministry</li> <li>6) Non-government teacher registration database at NTRCA</li> <li>7) Generation of EIIN at BANBEIS</li> <li>8) Online E-Survey database (all educational institutions public and private)</li> </ol>



- 9) Online foreign scholarship processing database
- 10) GIS repository of all institutions at BANBEIS
- 11) E-Teacher database at BANBEIS
- 12) Modules for Analytics for one stop information services.

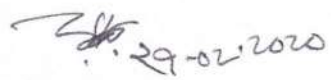
The following points describe the expected standard of the software of the above modules in brief:

- The software will be developed using state-of-the-art design standards ensuring high performance, security, maintainability and extendibility.
- The software will be deployed in optimized and scalable way.
- It is expected that the firm will develop a customized solution for the proposed system. Use of open source technology will be recommended unless justified otherwise to prevent unnecessary use of licensed tool/technology/database.
- The firm must follow a well-defined software development process to meet the SQA (Software Quality Assurance) criteria specified by the nominated consultants and followed by standard industry practices.
- It must have the provision for extensive configurability and parameterization to ensure easy maintainability.
- The reports should be easily extendable to meet various future requirements.
- It will be a fully bi-lingual (Bangla and English) system.
- The system must be able to communicate through Internet using web based and mobile communication technologies so that the users can access to the system from anywhere at any time.
- Old data of several years has to be entered from soft-copy document and data migration is also needed from existing database.
- All the documents including the source code and test scripts will have to be provided to the Project Authority for further maintenance and extensibility.
- The specifications of the project (the required modules and functionality) will be prepared by the nominated consultants from CSE, BUET of this project.
- The product, in different phases of the software development, will be tested by the team of nominated consultants.

Establishment of "Integrated Educational Information Management System (IEIMS)" Project now invites eligible firms to indicate the interest for providing the services. Interested firms are invited to provide information indicating that they are qualified to perform the services as mentioned in the serial number 17: Experience, Resources and Delivery Capacity Required. This will require substantiation through submission of brochures and other documents describing similar assignments, experiences, availability of appropriate professional qualifications and experiences among applicant's staffs, resources to carry out the assignment, financial capability, etc. A firm may associate with other firm to fulfill their qualifications.

		<p>A shortlist of firms will be prepared upon evaluation of EOIs of the eligible firms and "Request for Proposal" documents will be issued in their favor. A firm will be selected using the Quality and Cost Based Selection (QCBS) method. It is expected that the services will commence on April 2020. Total duration of the assignment is fifteen (15) months where nine (9) months are for development and six (6) months are for testing, implementation, installation, training and commissioning.</p>
17	<p><b>Experience, Resources and Delivery Capacity Required:</b></p>	<p>The firms must prove that they have solid technical background and operational strength to undertake and move this work forward without any hindrances. The firms must also have adequate technical ability, resources, and processes. As such, following are defined as minimum eligibility criteria:</p> <ol style="list-style-type: none"> <li>1. The firm must have minimum 10 years of practical experience of developing large scale software systems to automate organizational activities.</li> <li>2. Multiple firms (not more than two) having technical and legal competency for developing such a product can apply jointly, but they must have legal agreement among them where one firm needs to be the lead firm. All the firms must be Bangladeshi firm.</li> <li>3. The firm(s) must have minimum 60 in-house system architect, software developers (including high, medium and low levels), testing and dev-op having experiences in developing applications with web-based frameworks (e.g., Spring, Struts, etc), non-licensed databases (Relational DBMS such as PostgreSQL, MariaDB), enterprise architecture and frameworks.</li> <li>4. The firm(s) must have full-time deployment expert with experience of optimized deployment and provisioning in cloud environment.</li> <li>5. The firm(s) must have strong practice of high quality software engineering process and Quality Assurance (including automated testing).</li> <li>6. The firm(s) is expected to have experience in developing software solutions for Government of Bangladesh or any of its agencies.</li> <li>7. Quality experience of large-scale software system for Foreign Organizations will be appreciated.</li> <li>8. To demonstrate experience, the firm(s) must present the following information of the major 5 software development projects: brief description of work, technical challenge, value earned (own portion in case of joint venture) and provide completion/satisfaction certificate from the project authority. Work order will not be considered.</li> <li>9. To demonstrate the human strength, the bidder must give a table</li> </ol>

		<p>for employees mentioning educational qualification with institute/university, experience in relevant technology, and experience in projects. Supporting signed CVs should be attached along with photos.</p> <p>10. The firm(s) must demonstrate its technical management capacity (describing experience to lead similar assignments, experiences, availability of appropriate professional staffs and experiences among applicant's staffs, resources to carry out the assignment) in managing large scale projects.</p> <p>11. The firm(s) must demonstrate its logistical capability, i.e., well-equipped office space in Dhaka with necessary facilities like development and test server of sufficient capacity, other hardware requirements needed to carry out the service.</p> <p>12. The firm(s) must have the minimum amount of liquid assets, i.e., working capital or credit line(s) of 3 (three) Crore.</p> <p>13. The firm(s) must have updated audit report of previous 2 years. Yearly turnover of the firm(s) shall be at least BDT 1 crore. All financial requirements must be supported by verified audit report.</p> <p>14. The firm(s) must have up to date valid trade license, income tax and VAT certificates.</p>
18	<b>Other Details:</b>	Interested firms shall obtain further information from the Project Office from 10:00 AM to 4:30 PM in any working day before the closing date. Firms shall have to submit 3(Three) copies of EOIs including original and forwarding letter in a sealed envelope labeled with "EOI for software design and development for Education Information Management to be used by MOE, BANBEIS, DSHE, DTE, DME, NTRCA and Others with maintenance support for 3(Three) years. under Establishment of 'Integrated Educational Information Management System (IEIMS) project" to the following address.
19	<b>Association with foreign firm is:</b>	Not applicable
<b>PROCURING ENTITY DETAILS</b>		
20	<b>Name of Official Inviting EOI</b>	Md. Shamsul Alam
21	<b>Designation of Official Inviting EOI</b>	Project Director Establishment of "Integrated Educational Information Management System (IEIMS)" project
22	<b>Address of Official Inviting EOI</b>	1 Zahir Raihan Road (Palashi-Nilkhet), Dhaka 205, Bangladesh.
23	<b>Contact Details of Official Inviting EOI</b>	Phone: 55151815, 9665457-extn. 117 & 168. email: shamsul.alam30@yahoo.com
24	The procuring entity reserves the right to accept or reject any/all EOI without assigning any reason whatsoever.	

  
Project Director  
IEIMS Project

Professor Md. Shamsul Alam  
Project Director  
Establishment of Integrated Educational  
Information Management System (IEIMS)  
BANBEIS, Ministry of Education