**Notice of Request for Proposals**

**Stage 1**

**Request for First Stage Proposals**

**Information Systems**

**(Two Stage RFP - Design, Supply, and Installation)**

**Purchaser:** *Ministry of Education and Science of Georgia (MoES)*

**Project:***Georgia I2Q - Innovation, Inclusion and Quality, Project No. 168481*

**Contract title:** *Upgrade of the eSchool General Education and Early Childhood Education software system and the Enterprise Architecture, Data and Domain Models for the EMIS education systems*

**Country:** *Georgia*

**Loan No.:** *IBRD 8955-GE*

**RFP No:** *GE-MESCS-334602-NC-RFP*

**Issued on:** *June 21, 2023*

Dear Ladies and/or Gentlemen,

1. The *Georgia has received* financing from the World Bank toward the cost of the *Georgia I2Q - Innovation, Inclusion and Quality Project*, and intends to apply part of the proceeds toward payments under the contract for **“*Upgrade of the eSchool General Education and Early Childhood Education software system and the Enterprise Architecture, Data and Domain Models for the EMIS education systems”*.**For this contract, the Borrower may process the payments using the Direct Payment disbursement method, as defined in the World Bank’s Disbursement Guidelines for Investment Project Financing.
2. The *Ministry of Education and Science of Georgia (MoES)* now invites sealed Proposals from the eligible Applicants for ***Upgrade of the eSchool General Education and Early Childhood Education software system and the Enterprise Architecture, Data and Domain Models for the EMIS education systems in Georgia*.** The estimated period of services is ***24 months,*** including time needed for the Purchaser to review and accept deliverables, followed by 12-month Warranty Defect Repair period (all together 36 months).

***The general objective*** *of the assignment is to significantly re-platform and redesign the existing Georgia eSchool education management information system for national General Education (GE) in Georgia; create a new management information system module for ECA&PreSchool as an essential component of the eSchool system; develop a modern and scalable Enterprise Architecture, Data, and Domain Models for the eSchool system; integrate and streamline databases to improve data management, reporting, and data analysis, enabling the decision makers for data-driven decision-making and analytics*.

*The successful Proposer will:*

* *Define and develop the Enterprise Architecture, Data and Domain Models for the EMIS education systems and subsystems.*
* *Define the Platform Model and develop/implement a scalable Development Platform supporting all eSchool module development and data exchanges.*
* *A significant upgrade of the eSchool software system supporting General Education, re-platform, refactor or replace the prioritized modules of the current software system.*
* *Design and develop the new ECE&Preschool MIS as a significant component of the eSchool system.*
* *Migrate, integrate and streamline the database and the containerize the upgraded software modules.*
* *Develop additional new modules, upgrade modules.*
* *Implement, pilot and scale to support data from Georgia's complete General education and ECE&Preschool education system;*
* *Support, Document, Handover and develop a Maintenance Plan.*
1. The procurement will be conducted through international competitive procurement using Request for Proposals (RFP) as specified in the World Bank’s “[Procurement](http://www.worldbank.org/html/opr/procure/guidelin.html) Regulations for IPF Borrowers” *World Bank’s “Procurement Regulations for IPF Borrower, July 2016 revised November 2020”*, (“Procurement Regulations”), and is open to all initially selected eligible Proposers.
2. Eligible Proposers may obtain further information *on RFP* *document* *by* *sending* *e-mail* at the address given below*.*
3. The RFP document in *English* may be obtained by interested Proposers after the submission of a written request to the address: **procurement****@iiq.gov.ge**. The document will be sent *free of charge* *by e-mail.*
4. A two-stage RFP process will be used which will proceed as follows:

(a) The First Stage process will consist of submission of a Technical Proposal only, without any reference to prices. Following the evaluation of first stage Proposals, a Proposer that has submitted a sufficiently responsive Technical Proposal may be invited to attend a clarification meeting(s), during which the Proposer’s Proposal will be reviewed. Any required Proposal-specific changes, additions, deletions and other adjustments will be noted and recorded in a memorandum, or, if amendments are of a general nature, will be promulgated via an addendum to the RFP documents. Following the clarification meetings, Proposers may not be invited to submit second stage Proposals, if their first stage proposals contain departures from the requirements to the extent that it cannot be expected to be responsive through the 2nd stage RFP process. All other suitably qualified and eligible Proposers shall receive invitations to submit second stage Proposals.

(b) The Second Stage process will consist of submission and evaluation of: (i), the updated Technical Proposal incorporating all changes required as recorded in the proposer-specific memorandum, and/or as necessary to reflect any Addenda to the RFP documents issued subsequent to the first -stage; and (ii), the Financial Proposal.

1. ***The Pre-Proposal meeting*** will be held online via MS Teams application on ***July 5, 2023 17:00 Tbilisi time.*** All interested candidates can request the link to attend pre-proposal meeting and ask questions. The written request to attend shall be sent to **procurement@iiq.gov.ge**, informing the Purchaser of the e-mail addresses of designated representatives who will attend Pre-Proposal meeting.
2. First Stage Proposals *(in pdf format)* must be delivered to the address: **procurement@iiq.gov.ge** before ***August 11, 2023 17:00 Tbilisi time.*** *The Proposers will be invited to the remote opening of via Teams application.* Proposals will be publicly opened *online* on ***August 11, 2023 17:10 Tbilisi time*** in the presence of the Proposers’ designated representatives and anyone who chooses to attend.

**Required Experience for the Proposer:**

1. **General Experience:** The Proposer should have at least 5 years of experience in the development of software projects.

In the case of a Joint Venture, each member should have at least 3 years of relevant experience.

In case of subcontractor/s, each subcontractor should have at least 3 years of experience in a field/s relevant to the delegated tasks.

1. **Specific Experience:** The Proposer should have experience in successfully implemented at least 1 (one) contract in development of Enterprise Architecture, including data system and Software development, based on modern software architecture and development methodology with the total/accumulated value of the similar contract(s)/project(s) of at least USD 1,600,000 (each introduced similar contract/project should have a minimum value of USD 500,000) that have been implemented during the last 6 years (since 1st of January of 2017 year), which is confirmed by the recommendation letters issued by the relevant client(s).

In the case of a Joint Venture (JV), the number and value of similar contracts/projects will be aggregated. While, at least one JV member shall satisfy the minimum value of a single contract of USD 500,000.

Subcontractor(s) should demonstrate relevant experience in the role(s) outlined for them. This should include evidence of at least 1 (one) significant project where they have fulfilled the role outlined.

1. **Financial Resources**

Proposer shall propose sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total cash flow demands of the subject contract.

The cash-flow requirement: **USD 200,000 as free resources.**

1. **Subcontractors/vendors/manufacturers**

Subcontractors/vendors/manufacturers for major items of supply or services identified in the Proposal must meet the minimum criteria specified therein for each item.

Subcontractors for the following additional major items of supply or services must meet the following minimum criteria, herein listed for that item:

**Minimum Criteria to be met:**

* At least3 years of experience in a field/s relevant to the delegated tasks/items.
* Subcontractor(s) should demonstrate relevant experience in the role(s) outlined for them. This should include evidence of at least 1 (one) significant project where they have fulfilled the role outlined.

Failure to comply with this requirement may result in the rejection of the subcontractor.

1. **Local Representative**

In the case of a Proposer not doing business within the Purchaser’s country, the Proposer shall submit documentary evidence in its Proposal to establish to the Purchaser’s satisfaction that it is or will be (if awarded the Contract) represented by an agent in that country who is equipped and able to carry out / manage the Proposer’s maintenance, technical support, training, and warranty repair obligations specified in the Purchaser’s Requirements (including any response time, problem-resolution norms or other aspects that may be specified in the Contract).

**Note**: The Proposer may associate with Local Representative company in a form of Joint Venture or hire a sub-contractor able to carry out / manage the Proposer’s maintenance, technical support, training, and warranty repair obligations specified in the Purchaser’s Requirements (including any response time, problem-resolution norms or other aspects that may be specified in the Contract, if awarded).

The proposed local agents, representatives, local subcontractors or JV members who provide local project communications and local language support will be evaluated:

**Minimum Criteria to be met:**

* At least3 years of experience in a field/s relevant to the delegated tasks/items.
* Local representative(s) should demonstrate relevant experience in the role(s) outlined for them. This should include evidence of at least 1 (one) significant project where they have fulfilled the role outlined (maintenance, technical support, training, and warranty repair obligations successfully fulfilled / carried out / managed for the large scale software systems).

Failure to comply with this requirement will result in the rejection of the Local representative(s).

1. **Qualification Requirements for the Key Personnel**

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| --- | --- | --- | --- | --- |
| **No.** | **Position** | **Education** | **Overall** **Experience\* (years)** | **Relevant Experience****(years)** |
| K-1 | Technical Project Director (Team Leader)  | At least BSc level qualification in computer science, software engineering or a related field. | 6 years’ experience in large-scale software development projects, including at least 2 years of international experience.Practical experience with IT projects for education systems would be an advantage. | 3 years in a management or leadership position in large-scale software development projects.Experience in developing EMIS type of information system, which would be an asset.Experience and familiarity with modern Architecture and Platform Driven development and Agile development methodologies, ideally including experience with IT projects for education systems.Communication skills in English are essential. |
| K-2 | Enterprise Software Architect (Lead Architect)  | At least BSc level qualification in computer science, software engineering or a related field. | 6 years’ experience in large-scale software development projects, including at least 2 years of international experience. | 3 years working as a senior software architect in large-scale software development projects. Experience with modern Architecture and Platform Driven development and Agile development methodologies, ideally including experience with Enterprise Architecture Frameworks and Enterprise Architecture Management Software.Communication skills in English are essential. |
| K-3 | Software Development Project Manager (Georgia-based) | At least BSc level qualification in computer science, software engineering or a related field. | 6 years’ experience of large-scale software development projects. | 3 years in a project management position of large-scale software development projects.Experience and familiarity with modern Architecture and Platform Driven development and Agile development methodologies.Practical experience with IT projects for education systems would be an advantage.Communication skills in Georgian and English.  |
| K-4 | Senior Database Architect  | At least BSc Level qualification in computer science, software engineering or a related field.  | 6 years’ experience of large-scale data systems and data management projects (including participation in at least 2 large-scale software development projects), | 3 years working as a senior data architect, including experience in data visualization, data migration and data modeling, and reporting systems and cloud computing design and architectures. Experience with modern Architecture and Platform Driven development and Agile development methodologies.Significant experience with DBMS software (ideally with experience with Oracle and PostgreSQL).Communication skills in English are essential. |
| K-5 | Software /Business Analyst (Georgia-based) | At least BSc Level qualification in computer science, software engineering or a related field. | 5 years’ experience of large-scale software development projects. | 3 years on a business analyst position in the large-scale software development projects.Experience in developing EMIS type of information system, which would be an asset.Experience and familiarity with modern Architecture, Platform Driven development, and Agile development methodologies.Communication skills in Georgian and English are essential. |
| K-6 | Senior Business Architect  | At least BSc Level qualification in computer science, software engineering or a related field. | 5 years’ experience of large-scale software development projects. | 3 years in a business analysis or business architecture position in the large-scale software development projects.Experience in developing EMIS type of information system, which would be an asset.Experience in business process analysis, business architecture, BPM and the use of BPMN methodologies.Experience and familiarity with modern Architecture, Platform Driven development, and Agile development methodologies.Communication skills in English are essential. |

\* All proposed Key Personnel shall have experience in working with their respective Clients and stakeholders at senior management and/or technical level in their previous experiences and contracts anywhere, and have excellent communication, organization, and teamwork skills.

1. **Manufacturer’s authorization**

For all powered (active) hardware and/or software components of the Information System which the Proposer does not itself produce, by submission of documentary evidence in its Proposal, the Proposer must establish to the Purchaser’s satisfaction that it is not prohibited to supply those components in the Purchaser’s country under the Contract(s) that may result from this procurement.

(i) In the case of powered (active) hardware and other powered equipment, this must be documented by including Manufacturer’s Authorizations in the Proposal (based on the form in Section IV.); - **N/A**

(ii) In the case of proprietary commercial software (i.e., excluding open source or “freeware” software) that the Proposer does not manufacture itself and for which the Proposer has or will establish an Original Equipment Manufacturer (OEM) relationship with the manufacture, the Proposer must provide Manufacture’s Authorizations;

(iii) In the case of proprietary commercial software (i.e., excluding open source or “freeware” software) that the Proposer does not manufacture itself and for which the Proposer does not or will not establish an OEM relationship with the manufacturer, the Proposer must document to the Purchaser’s satisfaction that the Proposer is not excluded from sourcing these items from the manufacturer’s distribution channels and proposing offering these items for supply in the Borrower’s Country.

(iv) In the case of open source software, the Proposer must identify the software item as open source and provide copies of the relevant open source license(s).

Note-1: In addition to these authorizations the Proposer shall demonstrate that any attribution required, redistribution rights or requirements are provided for meeting the licensing requirements for Open-Source or proprietary software used in the solution.

1. Attention is drawn to the Procurement Regulations requiring the Borrower to disclose information on the successful Proposer’s beneficial ownership, as part of the Contract Award Notice, using the Beneficial Ownership Disclosure Form as included in the RFP document.
2. The address referred to above is:

**Georgia I2Q - Innovation, Inclusion and Quality Project**

**Address:** 4a, Tamar Chovelidze Street, 0108 Tbilisi, Georgia

**Email:** **procurement****@iiq.gov.ge**

**Web-Site:** [www.mes.gov.ge](http://www.mes.gov.ge)