

## UIS Request for Quotation

### Methodology to link assessments to Support SDG 4.1.1 Reporting

**Minimum Experience:** Experienced

#### **A. Background:**

The UNESCO Institute for Statistics' (UIS) goal as a custodian agency for reporting against the Sustainable Development Goals in Education (SDG4) is to develop standards, methodology and guidelines to enable countries in the production of data for the reporting of indicators. Indicator 4.1.1 requires member countries to report on the "*proportion of children and young people in Grade 2 or 3 (4.1.1a), at the end of primary education (4.1.1b), and at the end of lower secondary education (4.1.1c) to achieve at least a minimum proficiency level in reading and mathematics*".

The UIS is looking to develop a mechanism to report on indicator 4.1.1. This will include the establishment of the reporting mechanism that will enable national governments to effectively report the indicator in a comparable manner; to support the global education community and national governments to measure and monitor students' learning outcomes in mathematics and reading against SDG indicator 4.1.1 over time, and to utilize the data for making informed policy decisions. It is a further goal to support the use of existing national assessments and cross-national assessments to facilitate measurement and reporting for learning outcomes.

In order to report on the three education levels (*in Grade 2 or 3 (4.1.1a), at the end of primary education (4.1.1b), and at the end of lower secondary education (4.1.1c)*) in two subject areas (Reading and Mathematics) as specified in indicator 4.1.1, there is a need to define performance or skills needed to achieve proficiency.

These terms of reference requires the successful contractor to develop definitions of minimum proficiency levels of reading and mathematics at the three education levels, propose a methodology to construct the reporting mechanism, develop a toolkit to support the application of the relevant methodology to link existing assessments, and establish a system to apply this methodology to cross-national and national assessments. The work covers two main elements: the definition of achieve minimum proficiency level, and the alignment mechanism.

#### **B. Expected Outputs:**

##### **1. Develop definitions of minimum proficiency in reading and math at three education levels**

The successful contractor will need to work closely with the UIS, use the research and outputs developed by the UIS as the basis to construct the reporting scale, develop policy descriptors, conduct consensus workshop to identify performance and skills required to be proficient in the two subject areas, reading and mathematics.

## **2. Develop methodology, mechanism, toolkit to support the application of methodology to link assessments**

The successful contractor will produce a technical paper on the methodology to justify the merit of this application; a short paper presenting the methodology for the lay-person; develop the mechanism or toolkit on the application of this methodology on cross-national and national assessments. The toolkit will include materials necessary to provide background on the method and resources to carry out the necessary steps of linking, such as a concept paper, methodology paper, training guide, presentation slides, rating forms, spreadsheets, and reporting forms.

### **C. Deliverables and Timetable:**

The successful contractor shall deliver:

1. Paper outlining the process leading to the definition of minimum proficiency levels in reading and mathematics for early grades, end of primary, and end of lower secondary which includes:
  - a. Details on standard-setting meeting to define the policy descriptors;
  - b. Process of consensus in achieving the defined minimum proficiency level; and
  - c. Final agreed upon definitions.
2. Methodology and toolkit, which includes:
  - a. Concept paper (technical and policy oriented)
  - b. Training Guide;
  - c. Presentation slides;
  - d. Rating forms;
  - e. Spreadsheets; and
  - f. Reporting forms.

UIS will require proposal of both products to be submitted prior to the final versions.

<b>Deliverables</b>	<b>Estimated Deadline</b>
Draft process paper to expound on the process to define minimum proficiency level	10/08/2018
Draft methodology and process paper, and toolkit	10/08/2018
Final process paper on the definition of minimum proficiency level	21/09/2018
Final methodology and process paper, and toolkit	21/12/2018

**D. Required Qualifications:**

- A minimum of 5 years of global/international experience in learning assessment.
- Demonstrated experience in project management, psychometric methodology in linking and setting up and organizing standard-setting meeting.
- Demonstrated experience in workshop facilitation and consensus building.
- Demonstrated experience working with national assessments at country level
- Good knowledge of the Sustainable Development Goals in Education and the requirement for reporting in the UN System

**E. Submission:**

Submissions are to be sent to [uis.procurement@unesco.org](mailto:uis.procurement@unesco.org) in two separate emails as follows:

1. Technical qualifications – subject line: “Linking methodology – Technical”:
  - Must include examples of past experiences
2. Quote – subject line: “Linking methodology – Financial”
3. Latest date for submissions: 16 July 2018

Any submissions that do not follow the above procedure will be disqualified.