

# **Annex A: Terms of Reference and Scope of Services**

## **Enhancing Education Development Project Maldives**

### **Terms of Reference for consultancy**

#### **To support data analysis and reporting of national assessment of learning outcomes**

##### **1. Background**

The Ministry of Education, Government of Maldives (GOM) has proposed a project to support the development of the education sector in the Maldives. The Maldives Enhancing Education Development Project (EEDP) is organized under three components: (a) national level education development; (b) school level education development; and (c) project management, monitoring and evaluation, and policy analysis.

The project development objective is to enhance and strengthen strategic dimensions of education quality and access. The EEDP will support the Maldives to develop the capacity of the country to design and implement national assessments of learning outcomes in grades 4 and 7 according to a regular cycle for key subjects, Dhivehi, English and mathematics, and use the results and findings for education policy and program development. The EEDP will help build the technical capacity within the Ministry of Education (MoE), implement and use the results and findings from national assessments for strategic policy and management decisions. The national assessments under the project will help monitor learning outcomes over time. In addition, the project will support the analysis of factors that contribute to learning outcomes, such as school-related factors, classroom-related factors, and child-related factors. The information and feedback from these national assessments can be used by policy makers and education specialists in key education areas such as curriculum development, pre-service teacher education, continuing teacher development, the production of educational material including textbooks, and the allocation of resources.

The World Bank will provide financial assistance for the project.

##### **2. Objective:**

2.1 The objective of this assignment is to; (i) carry out data analysis of national assessments of learning outcomes, and (ii) prepare and submit a report of findings of the analysis of national assessments in grade 4 and 7 Dhivehi language, English language and Mathematics.

##### **3. Scope of Services**

3.1 Consultant will carry out the following tasks:

3.1.1 Cleaning of the entered data.

3.1.2. Carry out data analysis, using statistics such as mean, median and mode, standard deviations and variances, decile and quintile analysis, and descriptive statistics such as frequencies and cross-tabulations, and correlation analysis, of the national assessment of learning outcomes.

- 3.1.3 Prepare and submit a report of findings and recommendations based on the above statistical analysis of the national assessment of learning outcomes.
- 3.1.3 Prepare an executive summary of the findings at individual schools level
- 3.1.4 Present or support National Assessment Team at MoE to interpret and present the findings to MoE, as required and to propose the next steps for policy level or strategic changes.

3.2 The consultant will be given a period of two months to complete this assignment.

#### **4. Terms of payment**

Negotiable

#### **5. Institutional arrangement**

5.1 The consultant should directly report to the National Assessment team members assigned to this project in the QAD.

#### **7. Required Qualifications and Experience**

7.1 In order to successfully carry out the tasks listed above, consultant is required to have the following qualifications and experience:

- 7.1.1 At least a Masters Degree in Education OR Assessment and Evaluation OR Statistics, OR in a related field. The knowledge and experience in software such as STATA, SPSS and ConQuest will be an added advantage.

#### **9. Other Competencies**

9.1 In addition to the required qualifications and experience, consultant will have the following competencies:

- 9.1.1 Strong organization, co-ordination and teamwork skills.
- 9.1.2 Excellent verbal and written communication skills in English, and the ability to prepare high quality reports in English.
- 9.1.3 Proficiency in the use of MS Office, basic and advanced statistical software, email and the internet.
- 9.1.4 Respect for cultural diversity and ability to work in diverse cultural settings.

## Report Outline

### Possible outline:

1. Executive Summary
2. Chapter 1 Introduction of the report  
e.g., Background, Rationale
3. Chapter 2 Methodology  
e.g., sampling methodology, population, framework for the national assessment, procedures in administration of the national assessment, analysis of data
4. Chapter 3 Patterns in achievement: Grade 4  
In Dhivehi language, English language and Mathematics
  - Patterns of achievement at national level
  - Student achievement by atoll
  - Student achievement by gender
  - Student achievement by enrollment size
  - Analysis of achievement by competency level
5. Chapter 4 Patterns in achievement: Grade 7  
In Dhivehi language English language and Mathematics
  - Patterns of achievement at national level
  - Student achievement by atoll
  - Student achievement by gender
  - Student achievement by enrollment size
  - Analysis of achievement by competency level
6. Chapter 5 Recommendations and conclusion